





# Dealer Service Information Letter

SERVICE POLICIES AND PROCEDURES MANUAL  
Including  
SERVICE MANAGERS OPERATING INSTRUCTIONS  
SECTION 2 - WARRANTY CLAIMS  
Date: July 25, 1973

To: GMC Motor Home Dealers

Subject: Motor Home Flat Rate Manual X-7427

Effective immediately X-7427 is to be used for all warranty repair orders on GMC Motor Homes.

Claims with repair order dates after August 6, 1973 will be returned if the subject flat rates are not applied.

Instructions on the use of X-7427 are contained in the front of the publications, and applications to the WRO are outlined in Section 2 of your Policies and Procedures Manual.

Additional copies of this Flat Rate Manual are available, along with tabs and binders under the following catalog numbers:

<u>Item No.</u>	<u>Description</u>	<u>Price</u>
X-7427	Motor Home Flat Rate Manual	\$4.60
X-0050	Motor Home Flat Rate Divider Tabs	\$1.00
X-0043	1" Three-Ring Notebook (Holds One Manual - Package of Two)	\$3.00

To obtain the above material, please submit publications order form X-7241 along with your check or money order to:

Division Printing, Inc.  
Department GMC  
1179 Sylvertis Road  
Pontiac, Michigan 48054

# Postal Service Information Letter



Dear Sirs:

I am writing to you regarding the recent changes in the postal service. We have implemented several new measures to improve efficiency and service quality.

Firstly, we have introduced a new sorting system for mail items, which will ensure faster delivery times. Secondly, we have enhanced our tracking system, allowing you to monitor the progress of your mail in real-time.

Thirdly, we have updated our website with more detailed information about our services and rates. We encourage you to visit our website regularly to stay informed about the latest developments.

Finally, we have launched a new customer support program, where our staff is available to assist you with any queries or concerns you may have.

We are committed to providing you with the best possible service, and we hope these changes will meet your expectations. Thank you for your continued support and loyalty.

Sincerely,  
[Signature]  
[Name]  
[Title]  
[Address]  
[City]  
[State]  
[Zip]



**GMC Motor Home****X-7427****FLAT RATE SCHEDULE**

These flat rate schedule time allowances are published by GMC Truck for the purpose of implementing the terms of the current GMC Motor Home Dealer Sales and Service Agreement and are intended solely for the purpose of computing the compensation payable by GMC Truck & Coach Division to authorized GMC Truck Motor Home Service Outlets exclusively for the performance of warranty, policy and campaign adjustments and other work authorized and performed for the account of GMC Truck & Coach Division. The use of these allowances for any other purposes is neither intended nor authorized by the GMC Truck & Coach Division. All time allowances are subject to change at any time by GMC Truck based on time studies by GMC Truck related to improved methods, techniques or equipment or other advances in the industry.

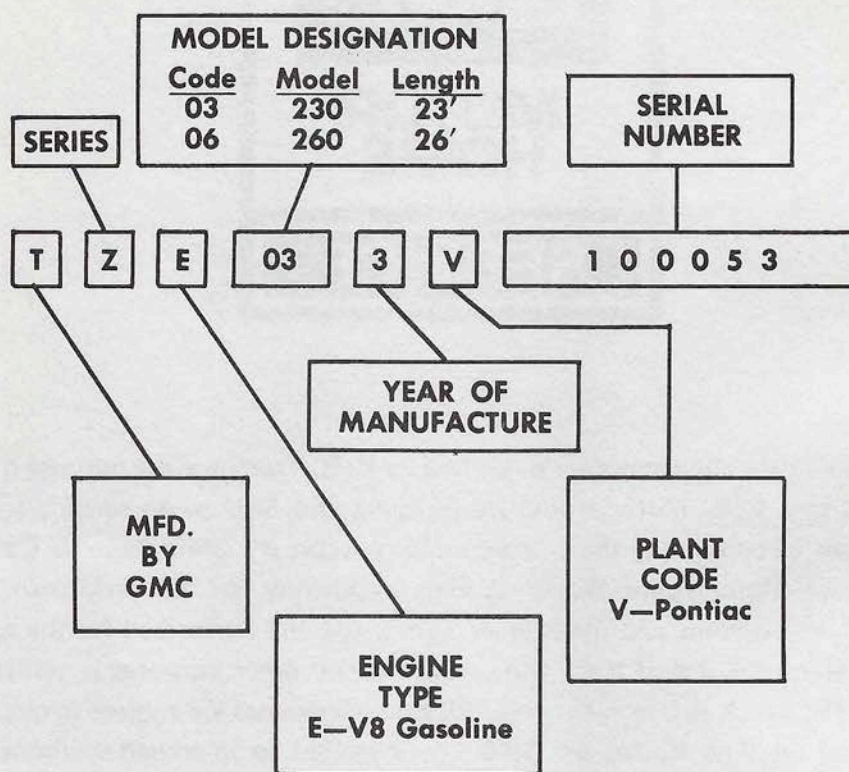
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This Publication Effective

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# GMC MOTOR HOME VEHICLE IDENTIFICATION NUMBER





# TABLE OF CONTENTS

	PAGE
GENERAL INFORMATION .....	3
DEFINITION OF TERMS .....	3
FAILURE CODES .....	7
ALPHABETICAL INDEX.....	13
PAINT	
230 Model Paint Conversion Table .....	W1-3A
260 Model Paint Conversion Table .....	W1-5A
BODY PANEL REPAIRS	
230 Model Body Panel Repair Conversion Table.....	W2-3B
260 Model Body Panel Repair Conversion Table.....	W2-5B
BODY	
Windshield Wipers.....	W2-1A
Bumpers.....	W2-1A
Doors.....	W2-2A
Instrument Panel.....	W2-3A
Seats .....	W2-3A
Glass And Weatherstrips .....	W2-4A
Miscellaneous.....	W2-5A
HEATING, VENTILATION AND AIR CONDITIONING	
Heater And Defroster.....	W3-1A
Air Conditioning .....	W3-2A
REAR SUSPENSION	
Suspension, Air Compressor And Frame Assembly Items.....	W4-1A
BRAKES	
Front Disc Brakes .....	W5-1A
Rear Drum Brakes.....	W5-2A
Brake Controls .....	W5-4A
Parking Brake.....	W5-4A
Brake Hydraulic System.....	W5-5A
FUEL AND EXHAUST SYSTEMS	
Exhaust System .....	W6-1A
Fuel System .....	W6-3A
STEERING	
Steering Column.....	W7-1A
Steering Linkage .....	W7-3A
Power Steering.....	W7-5A



	PAGE
<b>CHASSIS ELECTRICAL</b>	
Chassis Electrical Items .....	W8-1A
<b>FRONT SUSPENSION</b>	
Front Suspension And Final Drive Items .....	Y1-1A
<b>V-8 ENGINE</b>	
Cylinder Block And Related Parts .....	Y2-1A
<b>RADIATOR AND ENGINE COOLING</b>	
Thermostat, Radiator And Related Parts .....	Y2-1B
<b>ENGINE ELECTRICAL</b>	
Starter, Delcotron, Regulator, Etc. ....	Y2-1C
<b>ENGINE FUEL</b>	
Carburetor, Air Cleaner, Fuel Pump Items .....	Y2-1D
<b>EMISSION CONTROL SYSTEM</b>	
Engine, Ventilating System .....	Y2-1E
Controlled Combustion System .....	Y2-1E
<b>AUTOMATIC TRANSMISSION</b>	
Automatic Transmission Items .....	Y3-1A
<b>LIVING AREA COMPONENTS AND SYSTEMS</b>	
Mark IV Roof Mounted Air Conditioner .....	G1-1A
Furnaces .....	G1-2A
Onan Generator .....	G1-4A
Kohler Generator .....	G1-13A
Norcold Refrigerator .....	G1-16A
Instamatic Refrigerator .....	G1-17A
Coleman Stove .....	G1-18A
Interior Electrical .....	G1-19A
Curtains .....	G1-21A
Furniture And Cupboards .....	G1-23A
Water System .....	G1-23A
Waste Disposal System .....	G1-24A
Thermasan Unit .....	G1-25A
Propane Fuel System .....	G1-25A
<b>COMPUTATION TABLE .....</b>	<b>Z-1</b>



## GENERAL INFORMATION

### TIME ALLOWANCES

The allowances listed in this book have been determined by performing the operation a sufficient number of times to establish an average time requirement, using GMC recommended special hand tools as required. Special time saving tools or devices, including impact wrenches are not used in performing time studies.

Procedures outlined in Shop Manuals, Service Bulletins and other service publications are used as a guide when performing the work necessary to establish time allowances. Provision is made in the published time allowances for moving the vehicle into and out of the work stall, securing necessary parts, etc., however, the time allowances do not include time necessary to remove and reinstall special equipment other than GMC options and accessories.

### REQUEST FOR REVIEW

If a Service Outlet Service Manager feels that any time allowance or operation is not correct, GMC will appreciate receiving a report on the operation. In reporting, it is asked that you completely fill out the form entitled "Request For Review" provided for this purpose. Note that the request for review form has a space provided for detailed vehicle information which affects or influences the operation in question. Please supply this information and describe the procedure you followed so that GMC may determine whether the error is in the procedure, the description of the operation, or the published time allowance. Request for review forms may be used by dealers to request the addition of operations to the Flat Rate Schedule.

### OPERATION NUMBERS

Each flat rate operation number consists of seven digits, one alpha and six numerics. It is necessary when using these operation numbers on warranty claims that all seven digits be entered on the claim for each flat rate operation claimed.

### FAILURE CODES

In order to simplify the preparation of warranty claims, a system of numerical codes has been developed, condensing the word description of failure into a two-digit failure code. Failure codes applicable to each major operation are listed with each operation. Additional failure codes can be selected from the list as the end of this general section. These definitions and descriptions for various conditions will acquaint dealer personnel with the correct meaning of the individual codes.

## DEFINITION OF TERMS USED

### REMOVE AND REINSTALL:

This term means to remove a major component or assembly, reinstall this assembly, and make all necessary adjustments. Generally this term is used to designate a major operation and normally one or more "ADD" conditions or combination operations listed below the major operation is necessary to complete the work.



**REPLACE:**

This term means to take off a part or assembly, replace with a new part or assembly, and make all necessary adjustments. When used as an "ADD" condition it means only the work necessary to prepare the new part or assembly for installation in the vehicle.

**OVERHAUL**

When used as a major operation this term means to take off a part or assembly, disassemble, clean, inspect all component parts, rebuild the assembly with the same or new parts, reinstall the assembly in the vehicle and make all necessary adjustments. When used as an "ADD" condition with a major operation it means the work necessary to completely overhaul and adjust an assembly once it is removed from the vehicle.

**ADJUST:**

To bring the part or parts described to an established standard for fit or correct a misadjusted part to bring within an established standard of performance.

**PAINT – REFINISH:**

Refinish operations applies to a paint repair for the correction of such conditions as blistering, peeling, lifting, chipping, where it is necessary to expose bare metal on one or more areas of a panel. Paint refinish operations require sanding, cleaning, priming, filling when necessary, sealing, masking, and spraying color.

**PAINT – COLOR COAT:**

Color coat applies to paint repair operations that do not require the use of primer, but merely involve removing wax, sanding, masking, and spraying color. Color coat operations would be used when correcting conditions such as thin paint, off color paint, rub-throughs, surface scratches, and minor surface imperfections in paint.

**PAINT – SPOT REPAIR**

Spot repair applies to a minor repair or touch-up for the correction of minor imperfections.

**PAINT MATERIAL ALLOWANCE:**

A paint material allowance is shown for each flat rate operation and is the cost of the required amount of mixed paint material reduced to spraying consistency required for each operation. On spot paint repair operations, the paint material allowance should be based on \$0.88 for the first 3 tenths hours or less of refinishing time and \$0.44 for each additional 1 tenth hour, not to exceed material allowance for a complete operation. An additional allowance to cover supplies such as sand paper, masking tape, masking paper, prepsol, rags, etc., is added to the paint cost to arrive at the final cost published with the operation. These listed allowances should not be confused with the price for unmixed paint.



## FLAT RATE SCHEDULE

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### COMPUTATION TABLES:

The price to be charged for each operation can be determined by reference to the computation tables at the end of this schedule.



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**GENERAL INFORMATION**

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**EXPLANATION OF FAILURE CODE  
NUMBERS**

TYPE OF FAILURE	CODE NUMBER	EXPLANATION
<b>BENT</b>	11	Includes "dented" or "warped".
<b>BINDS, STICKS</b>	52	Parts do not move freely.
<b>BROKEN</b>	1	
<b>BURNED</b>	14	Use for parts damaged by excessive heat. Do not use on electrical failures.
<b>CAMPAIGN</b>	96	<b>Not to be used, unless authorized by factory.</b> All vehicles produced during a designated period of time or between designated serial numbers.
<b>CHATTERS</b>	41	Indicates both noise (intermittent) and jerky action. Primarily used for chattering clutch.
<b>CHIPPED</b>	9	Used primarily for chipped gear teeth. <b>Do not use for paint.</b>
<b>CHROME PLATING DEFECTIVE</b>	24	Use for all chrome defects. Also use for surface defects on stainless and aluminum bright work when <b>poor metal finish</b> does not apply.
<b>COLLAPSED</b>	66	Gasoline tank.
<b>CRACKED</b>	5	
<b>DISCOLORED</b>	48	
<b>DOES NOT SEAT</b>	38	Used primarily on oil control rings.
<b>ELECTRICAL FAILURES</b>	50	Includes "shorted" and "burned out".
<b>FADE OR HARD PEDAL</b>	63	Brakes.



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**GENERAL INFORMATION**

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**EXPLANATION OF FAILURE CODE  
NUMBERS (Cont.)**

TYPE OF FAILURE	CODE NUMBER	EXPLANATION
<b>FLAT SPOT OR HESITATES</b>	47	Carburetor.
<b>FOREIGN MATERIAL PRESENT</b>	12	Example: Metal chips in carburetor, hydraulic valves; includes loose parts left in. <b>Do not use on paint items.</b>
<b>GLASS- POOR VISION</b>	32	Indicates glass that adversely affects the vision of the driver. Examples: Glass producing double vision; cloudy or discolored glass.
<b>GLAZED</b>	64	Brakes.
<b>GRABS</b>	39	Used primarily to indicate grabbing brakes.
<b>IMPROPERLY PADDED</b>	73	
<b>INCORRECT PRESSURE</b>	61	Too high or low.
<b>INOPERATIVE</b>	56	Also use for Sublet Repair where exact cause of failure is unknown.
<b>INSUFFI- CIENT LUBRICATION</b>	68	
<b>LEAKING</b>	42	
<b>LOOSE</b>	27	
<b>MIS- ADJUSTED</b>	26	
<b>MIS- ALIGNED</b>	25	Use for parts that do not fit properly, primarily for body "appearance" items.



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**GENERAL INFORMATION**

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**EXPLANATION OF FAILURE CODE  
NUMBERS (Cont.)**

TYPE OF FAILURE	CODE NUMBER	EXPLANATION
<b>NOISY</b>	40	Do not use this code if the primary cause of the noise (such as loose parts, etc.) is definitely known. Use appropriate Trouble Code. In general, this code should be used only for those items where the exact cause of the noise is unknown.
<b>NOT CONNECTED</b>	51	Electrical connections, etc.
<b>NOT DRILLED</b>	53	Restricted passage from incomplete drilling.
<b>OUT OF BALANCE</b>	34	Indicates rotating parts out of balance.
<b>OUT OF ROUND</b>	35	Use on circular parts; includes "run-out", and brake drum out-of-round. <b>Do not confuse with Out of Balance.</b>
<b>DIRT OR FOREIGN MATERIAL IN PAINT</b>	16	Indicates dirt or foreign material in paint film (includes overspray)—not related to paint repair.
<b>PAINT FINISH COMES OFF</b>	23	Indicates any loss of paint adhesion such as blistering, peeling or excessive chipping—not related to paint repair.
<b>PAINT FILM MARRED OR SCRATCHED</b>	18	Indicates scratches, swirls, abrasions in paint film—not related to paint repair.
<b>PAINT FILM SPOTTED</b>	22	Water spotting, chemical spotting, etching, distortion.
<b>CORROSION, CRAZING, CRACKING, CHALKING</b>	20	Paint film failure— not related to paint repair.



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**GENERAL INFORMATION**

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**EXPLANATION OF FAILURE CODE  
NUMBERS (Cont.)**

TYPE OF FAILURE	CODE NUMBER	EXPLANATION
<b>POOR REPAIR</b>	21	Repair areas noticeable. Dry, ringed, off-color, dirt in repair and crazing.
<b>DRY SPRAY, MOTTLING, SAGS, OFF-COLOR, ROUGH</b>	17	Poor paint application (rough includes orange peel)—not related to paint repair.
<b>PAINT THIN OR RUBBED THROUGH</b>	19	Thin or rubbed through resulting in thin paint—not related to paint repair.
<b>PART IMPROPERLY INSTALLED</b>	58	Applies to an incorrect part installed, as well as a correct part improperly installed. Do not confuse with misaligned or misadjusted.
<b>PART OMITTED</b>	29	
<b>PITTED</b>	49	
<b>POOR FIT</b>	55	
<b>POOR MACHINING</b>	31	Surfaces not machined to limits. Do not use on sheet metal. Do not use to indicate poor fit, unless the poor fit is caused by poor machining.
<b>POOR METAL FINISH</b>	8	Used on body panels, other body parts and fenders or hood that have grinding wheel or file marks, or rough or wavy metal <b>under</b> the paint.
<b>POROSITY</b>	30	Indicates sand hole in casting.
<b>PULLED LOOSE</b>	71	Soft trim—not damaged.
<b>REGISTERS INCOR- RECTLY</b>	57	Used for gauges, sending units, speedometers, etc.



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**GENERAL INFORMATION**

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**EXPLANATION OF FAILURE CODE  
NUMBERS (Cont.)**

TYPE OF FAILURE	CODE NUMBER	EXPLANATION
<b>RUSTED OR CORRODED</b>	75	Metal panels only.
<b>SCORED OR SCRATCHED</b>	7	
<b>SEIZED</b>	15	Parts stuck together so they are immovable.
<b>SHIFTS HARD</b>	43	Refers to transmission or transmission parts, and includes rough shifting of manual transmissions.
<b>SLIPS</b>	65	Clutch.
<b>SLIPS OUT OF GEAR</b>	44	Refers to transmission or transmission parts slipping out of any gear.
<b>SOILED OR STAINED</b>	10	Used for soiled or stained soft trim.
<b>SPLIT SEAMS</b>	72	Stitching frayed.
<b>STRIPPED</b>	3	Use for stripped <b>threads</b> only.
<b>TORN OR PUNCTURED</b>	4	Primarily used for soft trim materials, but can be used for torn or punctured metal.
<b>VIBRATES</b>	36	Exhaust system, etc.
<b>WEAK</b>	33	Primarily used for weak springs, but may be used to indicate weakness in other parts.
<b>WELD BROKEN</b>	2	Should be used to indicate breaks at a weld, or poor welds. Do not use this code to indicate ordinary breaks where no weld is involved.
<b>WIND NOISE</b>	45	
<b>WORN</b>	6	







# ALPHABETICAL INDEX

## DESCRIPTION

## PAGE

### A

ACCELERATOR CONTROL CABLE .....	Y2-2D
ACCELERATOR PEDAL .....	Y2-2D
ACCELERATOR PEDAL ROD SUPPORT AND ROD .....	Y2-2D
ACCELERATOR PEDAL ROD SUPPORT GROMMET .....	Y2-2D
ACCESS DOOR, ENGINE - FRONT .....	W2-2A
ACCESS DOOR, GENERATOR OR PROPANE .....	W2-2A
ACCESS PANEL, ENGINE INTERIOR .....	W2-2A
AIR CLEANER ASSEMBLY .....	Y2-2D
AIR CLEANER ELEMENT .....	Y2-3D
AIR CLEANER HOSES AND/OR CONNECTORS .....	Y2-3D
AIR CLEANER TEMPERATURE SENSOR .....	Y2-3D
AIR CLEANER TEMPERATURE SENSOR .....	Y2-1E
AIR CLEANER VACUUM MOTOR ASSEMBLY .....	Y2-1E
AIR CLEANER VACUUM MOTOR ASSEMBLY .....	Y2-3D
AIR COMPRESSOR .....	W4-4A
AIR CONDITION HOSE AND/OR LINE COMPRESSOR TO CONDENSER AND COMPRESSOR TO EVAPORATOR - Air Conditioning .....	W3-6A
AIR CONDITION HOSE AND/OR LINE RECEIVER- DEHYDRATOR TO EXPANSION VALVE - Air Conditioning .....	W3-6A
AIR CONDITIONING BLOWER MOTOR AND/OR IMPELLER - Air Conditioning .....	W3-5A
AIR CONDITIONING SYSTEM - Air Conditioning .....	W3-7A
AIR CONDITIONING SYSTEM - Air Conditioning .....	W3-7A
AIR DEFLECTOR - Air Conditioning .....	W3-7A
AIR FILTER - Onan Generator .....	G1-4A
AIR FILTER - Onan Generator .....	G1-4A
AIR LINE .....	W4-5A
AIR PREHEATER SHROUD .....	Y2-3D
AIR PREHEATER SHROUD .....	Y2-1E
AIR RESERVOIR TANK .....	W4-5A
AIR RESERVOIR TANK PETCOCK .....	W4-5A
ANTENNA, ROOF MOUNTED .....	W8-5A
ANTI-FLICKER - Kohler Generator .....	G1-15A
ARMATURE ASSEMBLY - Kohler Generator .....	G1-15A
AUTOMATIC CHOKE ACTUATOR MECHANISM .....	Y2-2D
AUTOMATIC CHOKE VACUUM DIAPHRAGM .....	Y2-2D
AUTOMATIC CONTROL AND/OR RELAYS AND/OR TRANSFORMERS - Onan Generator .....	G1-4A
AUXILIARY GENERATOR - Kohler Generator .....	G1-13A
AUXILIARY GENERATOR - Onan Generator .....	G1-4A
AXLE SHAFT ASSEMBLY .....	Y1-5A

### B

BACK WINDOW GLASS .....	W2-4A
BACK WINDOW GLASS AND/OR WEATHERSTRIP .....	W2-4A
BACKING PLATE .....	W5-3A
BARE BLOCK - Kohler Generator .....	G1-13A
BATHROOM FAN ASSEMBLY .....	G1-21A
BATTERY .....	W8-4A
BATTERY CABLES .....	W8-4A
BATTERY RETAINER AND/OR "J" BOLTS .....	W8-4A
BATTERY TRAY OR SUPPORT .....	W8-4A
BELT, WATER PUMP DRIVE .....	G1-23A

## DESCRIPTION

## PAGE

BEZEL, HEAD LIGHT .....	W2-5A
BEZEL, INSTRUMENT CLUSTER .....	W8-1A
BEZEL, INSTRUMENT PANEL CLUSTER .....	W2-3A
BLOWER ASSEMBLY - Furnaces .....	G1-3A
BLOWER MOTOR - Furnaces .....	G1-3A
BLOWER WHEEL - Furnaces .....	G1-3A
BODY BOLT AND/OR MOUNT .....	W4-5A
BODY LINER - Instamatic Refrigerators .....	G1-17A
BOOT KIT .....	W7-3A
BRAKE HOSES .....	W5-6A
BRAKE MASTER CYLINDER .....	W5-5A
BRAKE PEDAL .....	W5-4A
BRAKE PEDAL RUBBER PAD .....	W5-4A
BRAKE PIPES .....	W5-6A
BRAKE PRESSURE METERING VALVE .....	W5-5A
BRAKE SHOES AND LININGS .....	W5-2A
BREATHING VALVE - Onan Generator .....	G1-5A
BUMPER .....	W2-1A
BUMPER ENERGY ABSORBER .....	W2-1A
BURNER ASSEMBLY - Furnaces .....	G1-3A
BUSHINGS, BRAKE PEDAL .....	W5-4A

### C

CABLE, TEMPERATURE DOOR - Air Conditioning .....	W3-7A
CALIPER ASSEMBLY .....	W5-1A
CAMSHAFT .....	Y2-4A
CAMSHAFT - Kohler Generator .....	G1-14A
CAMSHAFT - Onan Generator .....	G1-5A
CAMSHAFT AND BEARINGS - Onan Generator .....	G1-4A
CAMSHAFT GEAR - Onan Generator .....	G1-7A
CAMSHAFT REAR BEARING END PLUG AND/OR OIL GALLERY PLUG .....	Y2-4A
CAMSHAFT, CRANKSHAFT AND BEARINGS - Onan Generator .....	G1-5A
CANISTER MOUNTING BRACKET .....	W6-2A
CAPACITOR - Mark IV .....	G1-1A
CAPILLARY TUBE - Mark IV .....	G1-1A
CARBURETOR .....	Y2-2D
CARBURETOR - Kohler Generator .....	G1-14A
CARBURETOR - Kohler Generator .....	G1-15A
CARBURETOR - Onan Generator .....	G1-5A
CARBURETOR - Onan Generator .....	G1-5A
CARBURETOR - Onan Generator .....	G1-5A
CARBURETOR ACCELERATOR PUMP .....	Y2-1D
CARBURETOR AND/OR GASKET .....	Y2-1D
CARBURETOR FLOAT BOWL .....	Y2-1D
CARBURETOR FLOATS .....	Y2-1D
CARBURETOR FUEL FILTER .....	Y2-1D
CARBURETOR NEEDLE AND SEAT .....	Y2-1D
CATCH, FUEL TANK FILLER DOOR .....	W2-3A
CENTER SUPPORT AND GEAR UNIT ASSEMBLY AND/OR REAR BAND .....	Y3-5A
CHASSIS WIRING REPAIRS .....	W8-3A
CHOKE - Kohler Generator .....	G1-15A
CHOKE - Kohler Generator .....	G1-14A
CHOKE - Onan Generator .....	G1-5A



DESCRIPTION	PAGE
CHOKE — Onan Generator .....	G1-6A
CIGARETTE LIGHTER .....	W8-5A
COMBUSTION CHAMBER — Furnaces .....	G1-3A
COMBUSTION CHAMBER ASSEMBLY — Furnaces .....	G1-3A
COMPRESSOR ASSEMBLY — Air Conditioning .....	W3-2A
COMPRESSOR ASSEMBLY — Mark IV .....	G1-1A
COMPRESSOR BELT — Air Conditioning .....	W3-2A
COMPRESSOR CHARGE FITTING — Air Conditioning .....	W3-4A
COMPRESSOR COIL HOUSING — Air Conditioning .....	W3-2A
COMPRESSOR FRONT HEAD AND/OR FRONT REED ASSEMBLY — Air Conditioning .....	W3-4A
COMPRESSOR FRONT SEAL, SEAT, AND "O" RINGS — Air Conditioning .....	W3-3A
COMPRESSOR HUB AND DRIVE PLATE — Air Conditioning .....	W3-2A
COMPRESSOR INTERNAL CYLINDER ASSEMBLY — Air Conditioning .....	W3-3A
COMPRESSOR PULLEY AND/OR BEARINGS — Air Conditioning .....	W3-2A
COMPRESSOR REAR HEAD — OIL PUMP GEARS AND/OR REAR REED ASSEMBLY — Air Conditioning .....	W3-3A
COMPRESSOR RELIEF VALVE — Air Conditioning .....	W3-4A
CONDENSER — Air Conditioning .....	W3-4A
CONDENSOR — Mark IV .....	G1-1A
CONDENSOR AND/OR EVAPORATOR MOTOR — Mark IV ..	G1-1A
CONNECTING ROD — Kohler Generator .....	G1-13A
CONNECTING ROD — Onan Generator .....	G1-6A
CONNECTING ROD BEARING .....	Y2-6A
CONTAINER, WINDSHIELD WASHER SOLVENT .....	W8-2A
CONTROL ASSEMBLY, AIR CONDITIONING — Air Conditioning .....	W3-7A
CONTROL ASSEMBLY, HEATER .....	W3-1A
CONTROL VALVE BODY AND/OR SEPARATOR PLATE .....	Y3-2A
CONTROL, GENERATOR PLANT — Onan Generator .....	G1-6A
CONTROLLER RELAY — Kohler Generator .....	G1-15A
CONVERTER ASSEMBLY .....	Y3-3A
COOLING UNIT — Norcold Refrigerators .....	G1-17A
COVER, TILT WHEEL .....	W7-1A
CRANKCASE VENTILATION HOSE .....	Y2-1E
CRANKCASE VENTILATION VALVE ASSEMBLY .....	Y2-1E
CRANKSHAFT .....	Y2-6A
CRANKSHAFT — P.T.O. SEAL — Kohler Generator .....	G1-13A
CRANKSHAFT — Onan Generator .....	G1-6A
CRANKSHAFT AND/OR MAIN BEARING — Kohler Generator .....	G1-13A
CRANKSHAFT DRIVE BELT PULLEY .....	Y2-1B
CRANKSHAFT DRIVE BELT PULLEY .....	Y2-3A
CRANKSHAFT FLYWHEEL SEAL — Kohler Generator .....	G1-13A
CRANKSHAFT GEAR — Onan Generator .....	G1-7A
CUPBOARD REPAIRS .....	G1-23A
CURTAINS, DIVIDER .....	G1-21A
CURTAINS, WINDSHIELD .....	G1-22A
CYLINDER BLOCK .....	Y2-8A
CYLINDER BLOCK .....	Y2-8A
CYLINDER BLOCK — Onan Generator .....	G1-5A
CYLINDER BLOCK EXPANSION PLUG .....	Y2-7A
CYLINDER HEAD AND/OR GASKET — Kohler Generator ..	G1-16A
CYLINDER HEAD GASKET .....	Y2-2A

DESCRIPTION	PAGE
CYLINDER HEADS AND/OR GASKETS — Onan Generator	G1-6A

## D

DELCOTRON .....	Y2-1C
DELCOTRON ASSEMBLY .....	Y2-1C
DELCOTRON MOUNTING BRACKET .....	Y2-2C
DELCOTRON PULLEY AND/OR FAN .....	Y2-2C
DIRECT CLUTCH ASSEMBLY AND INTERMEDIATE SPRAG	Y3-5A
DISC BRAKE LINED PADS — BOTH FRONT WHEELS .....	W5-1A
DISTRIBUTOR ASSEMBLY .....	Y2-3C
DISTRIBUTOR CAP AND/OR ROTOR .....	Y2-2C
DISTRIBUTOR POINTS AND/OR CONDENSER .....	Y2-3C
DOOR ASSEMBLY — Coleman Stoves .....	G1-19A
DOOR HANDLE — Coleman Stoves .....	G1-19A
DOOR JAMB SWITCH .....	G1-21A
DOOR LINER — Instamatic Refrigerators .....	G1-17A
DOOR PANEL — Coleman Stoves .....	G1-19A
DOOR, FUEL TANK FILLER .....	W2-3A
DRAG LINK .....	W7-4A
DRUM ASSEMBLY, REAR BRAKE .....	W5-2A

## E

ELECTRIC THERMOSTAT — Instamatic Refrigerators .....	G1-18A
EMISSION CANISTER ASSEMBLY .....	W6-2A
EMISSION CANISTER ASSEMBLY FILTER .....	W6-2A
ENGINE FRONT MOUNT .....	Y2-7A
ENGINE OIL PAN AND/OR GASKET .....	Y2-5A
ENGINE REAR MOUNT .....	Y2-8A
EVAPORATOR COIL — Mark IV .....	G1-1A
EVAPORATOR CORE — Air Conditioning .....	W3-5A
EVAPORATOR FAN-SCROLL AND BLOWER WHEEL — Mark IV .....	G1-1A
EXHAUST MANIFOLD AND GASKET — Kohler Generator	G1-16A
EXHAUST MANIFOLD AND/OR GASKET .....	Y2-1A
EXHAUST MANIFOLD AND/OR GASKETS — Onan Generator .....	G1-6A
EXHAUST PIPE .....	W6-1A
EXIT DOOR CURTAINS .....	G1-21A
EXPANSION VALVE — Air Conditioning .....	W3-5A

## F

FAN BLADE .....	Y2-3B
FAN CLUTCH ASSEMBLY .....	Y2-3B
FAN PULLEY .....	Y2-3B
FAUCET WASHER .....	G1-24A
FENDER INNER SKIRTS .....	W2-5A
FILLER NECK, HOSE AND/OR PIPE .....	W6-3A
FILLER TUBE CONNECTING LINE .....	W6-4A
FINAL DRIVE .....	Y1-4A
FINAL DRIVE COVER AND/OR GASKET .....	Y1-5A
FINAL DRIVE OUTPUT SHAFT SEALS .....	Y1-5A
FLEXPLATE .....	Y2-7A
FLEXPLATE COVER .....	Y2-7A
FLYWHEEL — Kohler Generator .....	G1-16A
FLYWHEEL — Onan Generator .....	G1-7A
FORWARD CLUTCH ASSEMBLY AND TURBINE SHAFT .....	Y3-4A
FRAME ASSEMBLY .....	W4-5A



DESCRIPTION	PAGE
FRAME CROSSMEMBER .....	W4-5A
FRONT FUEL LOWER VERTICAL FILLER TUBE .....	W6-3A
FRONT SHOCK ABSORBER .....	Y1-3A
FRONT STABILIZER SHAFT .....	Y1-3A
FRONT STABILIZER SHAFT LINK OR LINK BUSHINGS .....	Y1-3A
FRONT TAILPIPE .....	W6-1A
FRONT TORSION BAR AND/OR ADJUSTING ARM .....	Y1-2A
FRONT TORSION BAR SUPPORT MEMBER .....	Y1-2A
FRONT TORSION BAR SUPPORT MEMBER INSULATOR .....	Y1-2A
FRONT WHEEL BEARING ASSEMBLY .....	Y1-4A
FRONT WHEEL HUB .....	Y1-4A
FRONT WHEEL MOUNTING STUD .....	Y1-6A
FUEL PUMP — Kohler Generator .....	G1-15A
FUEL PUMP — Onan Generator .....	G1-7A
FUEL PUMP — Onan Generator .....	G1-7A
FUEL PUMP ASSEMBLY .....	Y2-3D
FUEL PUMP ECCENTRIC .....	Y2-4D
FUEL PUMP ECCENTRIC .....	Y2-4A
FUEL SELECTOR VALVE .....	W6-4A
FUEL TANK AND/OR FUEL GAGE .....	W6-3A
FUEL TANK AND/OR FUEL GAGE .....	W6-3A
FUEL TANK CAP .....	W6-3A
FUEL TANK FILLER DOOR .....	W6-3A
FUEL TANK FILLER DOOR CATCH .....	W6-3A
FURNACE — Furnaces .....	G1-2A
FURNITURE REPAIRS .....	G1-23A

## G

GAS THERMOSTAT — Instamatic Refrigerators .....	G1-17A
GEAR COVER AND/OR GASKET — Onan Generator .....	G1-7A
GENERATOR ADAPTER — Onan Generator .....	G1-7A
GENERATOR BEARING — Kohler Generator .....	G1-15A
GENERATOR BEARING — Onan Generator .....	G1-8A
GENERATOR BELT .....	Y2-1B
GENERATOR BRUSH — Kohler Generator .....	G1-16A
GENERATOR BRUSHES — Onan Generator .....	G1-8A
GENERATOR CONTROLLER — Kohler Generator .....	G1-15A
GENERATOR FIELD COIL — Kohler Generator .....	G1-15A
GENERATOR FRAME ASSEMBLY — Kohler Generator .....	G1-15A
GENERATOR REPAIR ONLY — Onan Generator .....	G1-8A
GENERATOR REVOLVING ARMATURE — Onan Generator .....	G1-8A
GENERATOR THRU STUD — Onan Generator .....	G1-8A
GLOVE BOX .....	W2-3A
GOVERNOR .....	Y3-2A
GOVERNOR — Onan Generator .....	G1-9A
GOVERNOR — Onan Generator .....	G1-9A
GOVERNOR LINKAGE — Onan Generator .....	G1-9A

## H

HAND VALVE — Propane .....	G1-25A
HARMONIC BALANCER .....	Y2-4A
HARNESS, INSTRUMENT WIRING .....	W8-3A
HEATER CORE .....	W3-1A
HEATER DUCT DISTRIBUTOR .....	W3-1A
HEATER MOTOR AND/OR IMPELLER .....	W3-1A
HEATER, WATER .....	G1-24A
HEATING ELEMENT — Instamatic Refrigerators .....	G1-18A

DESCRIPTION	PAGE
HEIGHT CONTROL VALVE .....	W4-1A
HOLDING TANK .....	G1-25A
HORIZONTAL INTER TUBE .....	W6-4A
HORN CONTACT CAM AND/OR WHEEL LOCK PLATE .....	W7-1A
HORN CONTACT CAM AND/OR WHEEL LOCK PLATE .....	W8-3A
HORN CONTACT PLATE .....	W7-1A
HORNS .....	W8-2A
HOSE, HEATER .....	W3-1A
HOSE, WATER PUMP PRESSURE .....	G1-23A

## I

IGNITER PLUG — Instamatic Refrigerators .....	G1-17A
IGNITION COIL .....	Y2-2C
IGNITION COIL — Kohler Generator .....	G1-14A
IGNITION COIL — Onan Generator .....	G1-9A
IGNITION POINTS AND/OR CONDENSER — Onan Generator .....	G1-9A
IGNITION RESISTOR — Onan Generator .....	G1-10A
IGNITION SWITCH LOCK CYLINDER AND/OR BUZZER SWITCH .....	W7-2A
IGNITION SWITCH LOCK CYLINDER AND/OR BUZZER SWITCH .....	W8-4A
IGNITION TIMING — Kohler Generator .....	G1-14A
INSTRUMENT CLUSTER GAGE ASSEMBLY .....	W8-1A
INTAKE MANIFOLD .....	Y2-1A
INTAKE MANIFOLD AND/OR GASKETS — Onan Generator .....	G1-10A
INTAKE MANIFOLD GASKET .....	Y2-1A
INTEGRAL KNUCKLE AND STEERING ARM .....	Y1-4A
INTER FILLER TUBE TO FRONT TANK TEE .....	W6-4A
INTERMEDIATE TAILPIPE .....	W6-1A
INTERNAL CYLINDER AND PISTON ASSEMBLY — Air Conditioning .....	W3-3A
INVERTOR AND TRANSFORMER — Norcold Refrigerators .....	G1-16A
ISLE LIGHT ASSEMBLY .....	G1-20A

## J

JACK OR JACK HANDLE .....	Y1-6A
---------------------------	-------

## L

LAMP ASSEMBLY, PARKING .....	W8-3A
LAMP ASSEMBLY, TAIL AND STOP .....	W8-2A
LEVER, TILT WHEEL .....	W7-1A
LIGHT BULB .....	G1-21A
LIGHT, HEATER INSTRUMENT PANEL .....	W8-1A
LOCK ASSEMBLY, ENTRANCE DOOR .....	W2-2A
LOWER BALL JOINT .....	Y1-1A
LOWER BALL JOINT SEAL .....	Y1-2A
LOWER CONTROL ARM ASSEMBLY .....	Y1-1A
LOWER CONTROL ARM BUSHINGS .....	Y1-1A

## M

MAIN BEARINGS — Onan Generator .....	G1-4A
MAIN METERING RODS AND/OR JETS .....	Y2-1D
MANIFOLD ASSEMBLY — Coleman Stoves .....	G1-19A
MARKER LAMP ASSEMBLY AND/OR BULB .....	W8-2A



DESCRIPTION	PAGE
METER — Onan Generator .....	G1-10A
MICROSWITCH — Furnaces .....	G1-3A
MIRROR HEAD — OUTSIDE .....	W2-5A
MIRROR, REAR VIEW .....	W2-3A
MONITOR CLUSTER ASSEMBLY .....	G1-21A
MONITORING VALVE — Propane .....	G1-25A
MOTOR, WATER PUMP .....	G1-23A
MOTOR, WINDSHIELD WASHER .....	W8-2A
MUFFLER .....	W6-1A
MUFFLER — Onan Generator .....	G1-10A

## O

OIL BASE AND/OR GASKET — Onan Generator .....	G1-10A
OIL BY-PASS — Onan Generator .....	G1-10A
OIL COOLER AND LINES .....	Y3-1A
OIL COOLER LINES — FITTINGS .....	Y3-1A
OIL FILLER CAP .....	Y2-5A
OIL FILLER PIPE AND/OR VALVE .....	Y3-2A
OIL FILLER TUBE .....	Y2-5A
OIL FILTER ASSEMBLY .....	Y2-5A
OIL FILTER BASE OR SUPPORT .....	Y2-5A
OIL GAUGE — Onan Generator .....	G1-10A
OIL LEVEL DIPSTICK .....	Y2-5A
OIL LEVEL DIPSTICK TUBE .....	Y2-5A
OIL LEVEL SWITCH — Kohler Generator .....	G1-16A
OIL LINE — Onan Generator .....	G1-10A
OIL LINE — Onan Generator .....	G1-10A
OIL PAN AND/OR GASKET — Kohler Generator .....	G1-16A
OIL PAN GASKET AND/OR OIL CLEANER .....	Y3-2A
OIL PICKUP CUP AND TUBE — Onan Generator .....	G1-11A
OIL PRESSURE CHECK .....	Y3-2A
OIL PUMP — Onan Generator .....	G1-11A
OIL PUMP ASSEMBLY .....	Y3-3A
OIL PUMP FRONT SEAL .....	Y3-3A
OIL SEAL — Onan Generator .....	G1-11A
OIL SEAL — Onan Generator .....	G1-11A
OIL SEAL, POWER STEERING PUMP .....	W7-5A
OPTICAL FIBER, INSTRUMENT CLUSTER .....	W8-1A
ORIFICE, MAIN BURNER — Furnaces .....	G1-2A
OUTPUT SHAFT .....	Y1-5A
OVEN BURNER — Coleman Stoves .....	G1-19A
OVERFLOW TUBE .....	Y2-3B

## P

PANEL ASSEMBLY, TEL-TALE LIGHT .....	W8-1A
PARKING BRAKE INTERMEDIATE CABLE .....	W5-4A
PARKING BRAKE LEVER ASSEMBLY AND/OR FRONT CABLE .....	W5-4A
PARKING BRAKE REAR CABLE .....	W5-4A
PARKING LAMP LENS AND/OR GASKET AND/OR BULB ...	W8-3A
PILOT BURNER — Coleman Stoves .....	G1-18A
PILOT BURNER — Furnaces .....	G1-2A
PILOT ORIFICE — Furnaces .....	G1-2A
PILOT TUBING — Furnaces .....	G1-2A
PIPE, SHROUD TO AIR CLEANER .....	Y2-1E
PIPE, SHROUD TO AIR CLEANER .....	Y2-3D
PIPES, HOSES OR LINES — FROM CANISTER TO FUEL TANK .....	W6-2A

DESCRIPTION	PAGE
PISTON AND ROD ASSEMBLY .....	Y2-7A
PISTON AND/OR RINGS — Kohler Generator .....	G1-13A
PISTON RINGS AND ROD AND/OR BEARINGS — Onan Generator .....	G1-11A
PITMAN ARM .....	W7-4A
PITMAN SHAFT SEAL .....	W7-5A
POINTS AND CONDENSER — Kohler Generator .....	G1-14A
POWER BRAKE POWER CYLINDER .....	W5-6A
POWER BRAKE VACUUM CHECK VALVE, PIPE AND/OR FITTING .....	W5-6A
POWER BRAKE VACUUM HOSE .....	W5-6A
POWER LEVELING VALVE — AT DASH .....	W4-1A
POWER STEERING BELT .....	Y2-1B
POWER STEERING GEAR ASSEMBLY .....	W7-5A
POWER STEERING PRESSURE LINE .....	W7-6A
POWER STEERING PUMP AND/OR ADJUSTING LINK BRACKET .....	W7-6A
POWER STEERING PUMP BRACE .....	W7-6A
POWER STEERING PUMP DRIVE BELT .....	W7-5A
POWER STEERING PUMP MOUNTING BRACKET .....	W7-6A
POWER STEERING RETURN HOSE .....	W7-6A
POWER STEERING RETURN HOSE .....	W7-6A
POWER STEERING RETURN LINE .....	W7-6A
PROPANE TANK — Propane .....	G1-25A
PULLEY, POWER STEERING PUMP .....	W7-5A

## R

RADIATOR ASSEMBLY .....	Y2-2B
RADIATOR COOLANT RESERVOIR OR SUPPLY TANK .....	Y2-2B
RADIATOR DRAIN COCK .....	Y2-2B
RADIATOR FAN SHROUD .....	Y2-3B
RADIATOR FILLER CAP .....	Y2-2B
RADIATOR GRILLE .....	W2-5A
RADIATOR HOSE CLAMP .....	Y2-2B
RADIATOR HOSES .....	Y2-2B
RADIATOR SHROUD VENTURI RING .....	Y2-3B
RADIATOR SHROUD VENTURI RING SEAL .....	Y2-3B
RADIATOR SHROUD VENTURI RING STRAP AND/OR SPRING .....	Y2-3B
RADIO AND/OR TAPE DECK .....	W8-4A
RADIO SPEAKER ROOF MOUNTED .....	G1-20A
READING LIGHT .....	G1-20A
REAR FUEL HORIZONTAL FILLER TUBE .....	W6-4A
REAR LICENSE LAMP AND/OR BULB .....	W8-3A
REAR MAIN BEARING OIL SEAL .....	Y2-6A
REAR SUSPENSION AIR BAG AND/OR AIR BAG PISTON ..	W4-1A
REAR SUSPENSION CONTROL ARM .....	W4-1A
REAR TAILPIPE .....	W6-1A
REAR WHEEL BEARING ASSEMBLIES .....	W4-3A
REAR WHEEL BEARING OIL SEAL .....	W4-3A
REAR WHEEL HUB .....	W4-4A
REAR WHEEL INNER BEARING ASSEMBLY .....	W4-2A
REAR WHEEL OUTER BEARING ASSEMBLY .....	W4-2A
REAR WHEEL SPINDLE .....	W4-4A
REAR WHEEL STUD .....	Y1-6A
RECEIVER — DEHYDRATOR — Air Conditioning .....	W3-4A
REFRIGERATOR — Norcold Refrigerators .....	G1-16A
REFRIGERATOR ASSEMBLY — Instamatic Refrigerators ...	G1-17A



## DESCRIPTION

## PAGE

## DESCRIPTION

## PAGE

REGULATOR VALVE — Propane .....	G1-25A
RELAY - PLANT CONTROL — Onan Generator .....	G1-11A
RELAY, KEY WARNING BUZZER .....	W8-1A
RESISTOR, AIR CONDITIONING BLOWER — Air Conditioning .....	W3-5A
RESISTOR, HEATER BLOWER MOTOR .....	W3-1A
REVOLVING ARMATURE — Onan Generator .....	G1-9A
REVOLVING ARMATURE BRUSH RIG — Onan Generator ..	G1-9A
REVOLVING ARMATURE SLIP RINGS — Onan Generator ..	G1-8A
RING SEALS "O" — Air Conditioning .....	W3-5A
ROCKER ARM COVER AND/OR GASKET .....	Y2-1A
ROCKER COVER FILTER/SILENCER .....	Y2-3D
ROOF OUTLET .....	G1-20A
ROTOR ASSEMBLY .....	W5-1A

## S

SAFETY MAGNET — Instamatic Refrigerators .....	G1-17A
SAFETY PILOT VALVE — Furnaces .....	G1-2A
SAFETY VALVE — Coleman Stoves .....	G1-18A
SEALED BEAM, HEADLIGHT .....	W8-2A
SEAT ADJUSTER, DRIVER OR PASSENGER MECHANISM ...	W2-4A
SEAT BELT AND/OR RETRACTOR .....	W2-4A
SEAT, DRIVER'S AND/OR PASSENGER .....	W2-3A
SELF-ADJUSTING BRAKE MECHANISM .....	W5-3A
SENDING UNIT, ENGINE WATER TEMPERATURE REPLACE .....	W8-4A
SEPARATOR OR STANDPIPE .....	W6-2A
SERVO, FRONT AND REAR .....	Y3-2A
SHAFT AND BEARING, UPPER STEERING .....	W7-2A
SHORT BLOCK — Kohler Generator .....	G1-13A
SIDE MARKER LAMP AND/OR LENS, GASKET OR BULB ...	W8-3A
SIDE WINDOW GLASS AND/OR CHANNEL .....	W2-4A
SIDE WINDOW GLASS CHANNELS OR WEATHERSTRIPING .....	W2-5A
SIGHT GLASS — Air Conditioning .....	W3-4A
SKY LIGHT AND VENT ASSEMBLY .....	G1-19A
SNAP SWITCH — Instamatic Refrigerators .....	G1-18A
SOLENOID, AUXILIARY BATTERY .....	W8-2A
SPARE TIRE HOLD DOWN PARTS AND/OR COVER .....	Y1-6A
SPARK ADVANCE — Onan Generator .....	G1-11A
SPARK PLUG — Kohler Generator .....	G1-14A
SPARK PLUG WIRE .....	Y2-3C
SPARK PLUG WIRES — Onan Generator .....	G1-12A
SPARK PLUGS .....	Y2-3C
SPEEDOMETER CABLE ASSEMBLY .....	Y3-1A
SPEEDOMETER CABLE CORE .....	Y3-1A
SPEEDOMETER GEARS .....	Y3-1A
SPEEDOMETER HEAD .....	W8-2A
SPRINGS, BRAKE SHOE RETURN AND/OR HOLD-DOWN ...	W5-3A
SPROCKET AND CHAIN COVER AND/OR GASKET .....	Y3-4A
STABILIZER SHAFT BUSHINGS AND BRACKETS .....	Y1-3A
STARTER MOTOR — Onan Generator .....	G1-12A
STARTER MOTOR AND DRIVE ASSEMBLY .....	Y2-1C
STARTING MOTOR BRUSHES AND/OR SPRINGS — Onan Generator .....	G1-12A
STEERING COLUMN ASSEMBLY .....	W7-3A
STEERING COLUMN LOCKING PARTS - RACK/ SECTOR/ LOCK BOLT/ACTUATOR ROD .....	W7-3A
STEERING IDLER ARM AND SUPPORT ASSEMBLY .....	W7-4A

STEERING KNUCKLE INNER DUST SEAL .....	Y1-3A
STEERING LOWER SHAFT AND/OR BEARING .....	W7-2A
STEERING RELAY LEVER .....	W7-3A
STEERING RELAY ROD .....	W7-3A
STEERING SHOCK ABSORBER .....	W7-4A
STEERING WHEEL .....	W7-1A
STOP SWITCH — Onan Generator .....	G1-12A
STOVE — Coleman Stoves .....	G1-18A
STRIKER, ENTRANCE DOOR .....	W2-2A
SUN VISOR .....	W2-3A
SUN VISOR BRACKET .....	W2-3A
SWITCH ASSEMBLY — Air Conditioning .....	W3-5A
SWITCH ASSEMBLY, HEAD LIGHT .....	W8-1A
SWITCH ASSEMBLY, IGNITION .....	W7-2A
SWITCH ASSEMBLY, TURN SIGNAL AND HAZARD WARNING .....	W7-1A
SWITCH ASSEMBLY, TURN SIGNAL AND HAZARD WARNING .....	W8-3A
SWITCH, AIR CONDITIONING BLOWER MOTOR — Air Conditioning .....	W3-7A
SWITCH, AUXILIARY FUEL TANK .....	W8-1A
SWITCH, BATTERY BOOST .....	W8-1A
SWITCH, BRAKE LIGHT .....	W5-5A
SWITCH, FAN — Furnaces .....	G1-3A
SWITCH, HEADLIGHT DIMMER .....	W8-2A
SWITCH, HEATER BLOWER .....	W3-1A
SWITCH, HIGH TEMPERATURE — Onan Generator .....	G1-9A
SWITCH, LIMIT — Furnaces .....	G1-3A
SWITCH, MARK IV AC — Mark IV .....	G1-2A
SWITCH, STOP LIGHT .....	W8-1A
SWITCH, THERMOSTATIC CONTROL — Air Conditioning ...	W3-5A
SWITCH, WATER PUMP .....	G1-24A

## T

TAIL LAMP LENS AND/OR GASKET AND/OR BULB .....	W8-2A
TAILPIPE HANGER BRACKET .....	W6-2A
TERMINAL BLOCK — Furnaces .....	G1-4A
THERMAL VACUUM SWITCH .....	Y2-1E
THERMASAN REPAIRS .....	G1-25A
THERMOCOUPLE — Furnaces .....	G1-2A
THERMOCOUPLE — Instamatic Refrigerators .....	G1-17A
THERMOSTAT — Coleman Stoves .....	G1-18A
THERMOSTAT — Furnaces .....	G1-3A
THERMOSTAT — Mark IV .....	G1-1A
THERMOSTAT — Norcold Refrigerators .....	G1-16A
THERMOSTAT AND/OR GASKET .....	Y2-1B
THERMOSTAT BY-PASS HOSE .....	Y2-2B
THERMOSTAT RELAY — Furnaces .....	G1-4A
THERMOSTAT WATER OUTLET .....	Y2-1B
TIE ROD AND TIE ROD END .....	W7-4A
TILT ACTUATOR ASSEMBLY .....	W7-2A
TIME IGNITION — Onan Generator .....	G1-12A
TIMING CHAIN OR GEAR COVER GASKET .....	Y2-4A
TIMING COVER OIL SEAL .....	Y2-4A
TOILET .....	G1-24A
TOP BURNER ASSEMBLY — Coleman Stoves .....	G1-18A
TOP BURNER VALVE — Coleman Stoves .....	G1-18A
TOP LIGHTER ASSEMBLY — Coleman Stoves .....	G1-19A



DESCRIPTION	PAGE
TRANSMISSION ASSEMBLY .....	Y3-3A
TRANSMISSION CASE .....	Y3-6A
TRANSMISSION INDICATOR DIAL OR NEEDLE .....	Y3-1A
TRANSMISSION MANUAL LINKAGE .....	Y3-1A
TRANSMISSION SHIFT LEVER .....	Y3-1A
TURN SIGNAL LEVER .....	W7-1A

## U

UPPER CONTROL ARM ASSEMBLY .....	Y1-2A
UPPER CONTROL ARM BALL JOINT .....	Y1-1A
UPPER CONTROL ARM BALL JOINT SEAL .....	Y1-1A
UPPER CONTROL ARM BUSHINGS AND/OR SHAFT .....	Y1-3A

## V

VACUUM ACTUATOR - A/C - Air Conditioning .....	W3-6A
VACUUM ACTUATOR - HEATING - Air Conditioning .....	W3-6A
VACUUM ACTUATOR - HEATING AND A/C - Air Conditioning .....	W3-6A
VACUUM ACTUATOR - HEATING OR A/C - Air Conditioning .....	W3-6A
VACUUM ACTUATOR - HEATING OR A/C - Air Conditioning .....	W3-6A
VACUUM ACTUATOR VACUUM LINE - Air Conditioning ...	W3-7A
VACUUM ADVANCE ASSEMBLY .....	Y2-3C
VACUUM CLEANER MOTOR AND FAN ASSEMBLY .....	G1-21A
VACUUM MODULATOR AND/OR VALVE .....	Y3-2A
VACUUM TANK - Air Conditioning .....	W3-7A
VALVE COVER GASKET AND/OR BREATHER - Kohler Generator .....	G1-14A
VALVE GUIDE - Kohler Generator .....	G1-14A
VALVE GUIDES AND/OR VALVES - Onan Generator .....	G1-12A
VALVE LIFTER .....	Y2-3A
VALVE LIFTER - Onan Generator .....	G1-12A
VALVE LIFTERS .....	Y2-3A
VALVE SPRING - Kohler Generator .....	G1-14A
VALVE SPRINGS - Onan Generator .....	G1-12A
VALVE STEM .....	Y1-6A

DESCRIPTION	PAGE
VALVE, CITY WATER FILL ASSEMBLY .....	G1-24A
VALVES .....	Y2-2A
VALVES - Kohler Generator .....	G1-13A
VALVES - Onan Generator .....	G1-12A
VAPOR CANISTER HOSE .....	W6-2A
VENT CAP - Furnaces .....	G1-4A
VENT FAN ASSEMBLY .....	G1-19A
VENT FAN MOTOR .....	G1-20A
VENT FAN SWITCH .....	G1-20A
VIBRATION DAMPERS - Onan Generator .....	G1-13A
VIBROMOUNT - Kohler Generator .....	G1-16A
VOLTAGE REGULATOR .....	Y2-2C

## W

WALL OUTLET, 110V .....	G1-20A
WALL SWITCH .....	G1-20A
WATER PUMP ASSEMBLY .....	G1-23A
WATER PUMP ASSEMBLY AND/OR GASKET .....	Y2-1B
WATER PUMP SWITCH .....	G1-19A
WATER TANK .....	G1-23A
WATER TANK SENDING UNIT .....	G1-23A
WEATHERSTRIP, ENTRANCE DOOR .....	W2-2A
WHEEL AND/OR TIRE .....	Y1-5A
WHEEL CYLINDER .....	W5-5A
WINDSHIELD GLASS .....	W2-4A
WINDSHIELD GLASS AND/OR WEATHERSTRIP .....	W2-4A
WINDSHIELD WIPER ACTUATING ARM .....	W2-1A
WINDSHIELD WIPER ARM AND/OR BLADE .....	W2-1A
WINDSHIELD WIPER CONTROL SWITCH .....	W2-1A
WINDSHIELD WIPER MOTOR .....	W2-1A
WINDSHIELD WIPER SUPPLY AND/OR RETURN HOSE .....	W7-7A
WINDSHIELD WIPER SUPPLY AND/OR RETURN LINE .....	W7-7A
WIRING HARNESS, AIR CONDITIONING - Air Conditioning .....	W3-7A
WIRING HARNESS, HEATER .....	W3-1A

## Y

YOKE ASSEMBLY .....	W7-3A
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W-1 PAINT

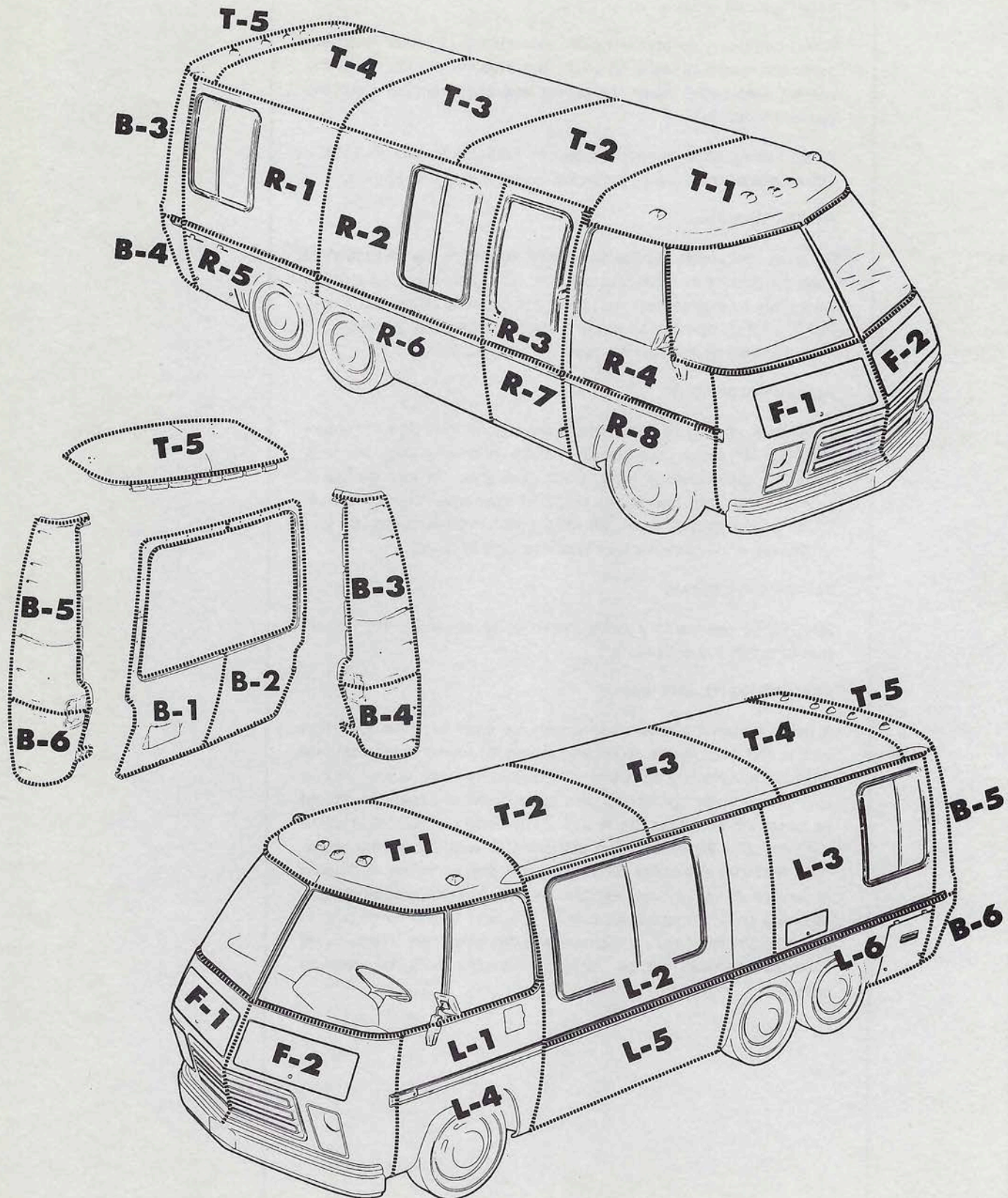


OPERATION NUMBER	PAINT	OPERATION TIMES
	OPERATION DESCRIPTION	
	<p>On the following pages are line drawings of the 23 and 26 foot Motor Homes with areas sectioned off and coded to aid in pin-pointing paint repairs.</p> <p>When necessary to perform paint operations, (1) refer to the appropriate model drawing to select the area code: (2) using the correct area code, select the proper operation number from the conversion table.</p> <p>Paint mixing time allowances are in addition to any Refinish or Color Coat operation and are listed at the end of this section.</p> <p><b>PAINT – REFINISH</b></p> <p>Refinish operations apply to a paint repair for the correction of such conditions as blistering, peeling, lifting, chipping, where it is necessary to expose bare metal on one or more areas of a panel. Paint refinish operations require sanding, cleaning, priming, filling when necessary, sealing, masking, and spraying color.</p> <p><b>PAINT – COLOR COAT:</b></p> <p>Color coat applies to paint repair operations that do not require the use of primer, but merely involve removing wax, sanding, masking, and spraying color. Color coat does not include use of primer. Color coat operations would be used when correcting conditions such as thin paint, off color paint, rub-throughs, surface scratches, and minor surface imperfections in paint.</p> <p><b>PAINT – SPOT REPAIR</b></p> <p>Spot repair applies to a minor repair or touch-up for the correction of minor imperfections.</p> <p><b>PAINT MATERIAL ALLOWANCE:</b></p> <p>A paint material allowance is shown for each flat rate operation and is the cost of the required amount of mixed paint material reduced to spraying consistency required for each operation. On spot paint repair operations, the paint material allowance should be based on \$0.88 for the first 3 tenths hours or less of refinishing time and \$0.44 for each additional 1 tenth hour, not to exceed material allowance for a complete operation. An additional allowance to cover supplies such as sand paper, masking tape, masking paper, prepsol, rags, etc., is added to the paint cost to arrive at the final cost published with the operation. These listed allowances should not be confused with the price for unmixed paint.</p>	



OPERATION NUMBER	PAINT OPERATION DESCRIPTION	OPERATION TIMES
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PAINT AREAS - 23' MODEL





OPERATION NUMBER	PAINT						OPERATION TIMES	
	OPERATION DESCRIPTION							
230 MODEL - PAINT CONVERSION TABLE								
Applicable failure code: Dirt or foreign material 16, sags, off color, rough 17, film marred or scratched 18, thin or rubbed through 19, corrosion, crazing, cracking, chalking 20, poor repair 21, finish comes off 23.								
Panel Area Code	PANEL REFINISH			PANEL COLOR COAT			PANEL SPOT REPAIR	
	Operation No.	Time	Material	Operation No.	Time	Material	Operation No.	Time
F-1	W131100	.8	4.79	W131120	.6	3.42	W131133	ST
F-2	W131200	.8	4.79	W131220	.6	3.42	W131233	ST
R-1	W132100	1.4	8.10	W132120	1.1	5.79	W132133	ST
R-2	W132200	.8	4.79	W132220	.6	3.42	W132233	ST
R-3	W132300	.5	1.10	W132320	.4	.88	W132333	ST
R-4	W132400	.7	2.21	W132420	.5	1.58	W132433	ST
R-5	W132500	.8	4.42	W132520	.6	3.16	W132533	ST
R-6	W132600	.8	3.68	W132620	.6	2.63	W132633	ST
R-7	W132700	.6	1.84	W132720	.5	1.31	W132733	ST
R-8	W132800	.6	1.84	W132820	.5	1.31	W132833	ST
L-1	W133100	.7	2.21	W133120	.5	1.58	W133133	ST
L-2	W133200	1.0	6.27	W133220	.8	4.47	W133233	ST
L-3	W133300	1.0	6.27	W133320	.8	4.47	W133333	ST
L-4	W133400	.6	1.84	W133420	.5	1.31	W133433	ST
L-5	W133500	1.0	6.27	W133520	.8	4.47	W133533	ST
L-6	W133600	.8	3.68	W133620	.6	2.63	W133633	ST
B-1	W134100	.8	2.95	W134120	.6	2.10	W134133	ST
B-2	W134200	.8	2.95	W134220	.6	2.10	W134233	ST
B-3	W134300	.8	3.32	W134320	.6	2.37	W134333	ST
B-4	W134400	.6	1.84	W134420	.5	1.31	W134433	ST
B-5	W134500	.8	3.34	W134520	.6	2.37	W134533	ST
B-6	W134600	.6	1.84	W134620	.5	1.31	W134633	ST
T-1	W135100	1.7	8.47	W135120	1.3	6.05	W135133	ST
T-2	W135200	2.0	10.68	W135220	1.5	7.62	W135233	ST
T-3	W135300	2.0	10.68	W135320	1.5	7.62	W135333	ST
T-4	W135400	2.0	10.68	W135420	1.5	7.62	W135433	ST
T-5	W135500	.6	1.84	W135520	.5	1.31	W135533	ST

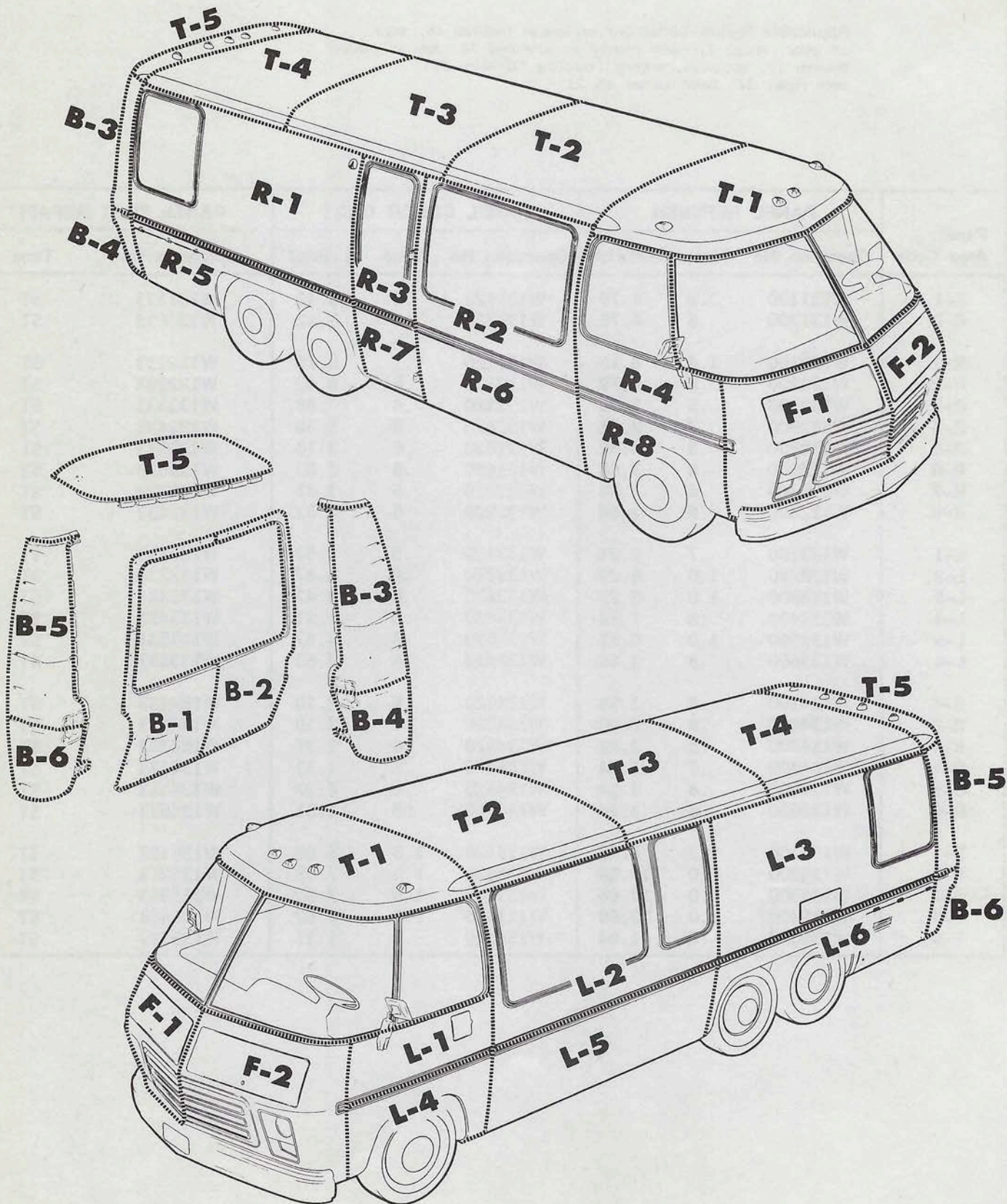


OPERATION  
NUMBER

PAINT  
OPERATION DESCRIPTION

OPERATION TIMES

PAINT AREAS - 26' MODEL





OPERATION NUMBER	PAINT						OPERATION TIMES	
	OPERATION DESCRIPTION							
260 MODEL - PAINT CONVERSION TABLE								
Applicable failure code: Dirt or foreign material 16, sags, off color, rough 17, film marred or scratched 18, thin or rubbed through 19, corrosion, crazing, cracking, chalking 20, poor repair 21, finish comes off 23.								
Panel Area Code	PANEL REFINISH			PANEL COLOR COAT			PANEL SPOT REPAIR	
	Operation No.	Time	Material	Operation No.	Time	Material	Operation No.	Time
F-1	W161100	.8	4.79	W161120	.6	3.42	W161133	ST
F-2	W161200	.8	4.79	W161220	.6	3.42	W161233	ST
R-1	W162100	1.8	9.95	W162120	1.4	7.10	W162133	ST
R-2	W162200	.7	2.58	W162220	.5	1.84	W162233	ST
R-3	W162300	.5	1.10	W162320	.4	.88	W162333	ST
R-4	W162400	.7	2.21	W162420	.5	1.58	W162433	ST
R-5	W162500	.8	4.79	W162520	.6	3.42	W162533	ST
R-6	W162600	.9	4.79	W162620	.7	3.42	W162633	ST
R-7	W162700	.6	1.84	W162720	.5	1.31	W162733	ST
R-8	W162800	.6	1.84	W162820	.5	1.31	W162833	ST
L-1	W163100	.7	2.21	W163120	.5	1.58	W163133	ST
L-2	W163200	1.0	6.27	W163220	.8	4.47	W163233	ST
L-3	W163300	1.8	9.95	W163320	1.4	7.10	W163333	ST
L-4	W163400	.6	1.84	W163420	.5	1.31	W163433	ST
L-5	W163500	1.2	7.00	W163520	.9	5.00	W163533	ST
L-6	W163600	.8	4.79	W163620	.6	3.42	W163633	ST
B-1	W164100	.8	2.95	W164120	.6	2.10	W164133	ST
B-2	W164200	.8	2.95	W164220	.6	2.10	W164233	ST
B-3	W164300	.8	3.32	W164320	.6	2.35	W164333	ST
B-4	W164400	.6	1.84	W164420	.5	1.31	W164433	ST
B-5	W164500	.8	3.32	W164520	.6	2.35	W164533	ST
B-6	W164600	.6	1.84	W164620	.5	1.31	W164633	ST
T-1	W165100	1.7	8.47	W165120	1.3	6.05	W165133	ST
T-2	W165200	2.3	13.27	W165220	1.7	9.47	W165233	ST
T-3	W165300	2.3	13.27	W165320	1.7	9.47	W165333	ST
T-4	W165400	2.3	13.27	W165420	1.7	9.47	W165433	ST
T-5	W165500	.6	1.84	W165520	.5	1.31	W165533	ST



OPERATION NUMBER	PAINT	OPERATION TIMES																					
	OPERATION DESCRIPTION																						
	<p><b>PAINT MIXING ALLOWANCES</b></p> <p>The dollar amount of material allowance is shown for each color coat or refinish operation. Use this dollar amount to establish the correct time allowance for mixing the paint and cleaning the equipment used, in accordance with the table below.</p> <p>Use the appropriate Operation Number for the mixing time allowance in addition to any Refinish or Color Coat Operation. If two or more Refinish or Color Coat Operations are performed the material allowance for those operations must be added together to obtain the total material allowance so the operation number for paint mixing will be entered only <b>ONCE</b> on the claim.</p> <table> <tr> <th data-bbox="300 699 414 724">PAINT MIXING</th><th data-bbox="414 699 609 724">TIME</th><th data-bbox="609 699 1068 724">TOTAL MATERIAL</th></tr> <tr> <th data-bbox="300 724 414 749"></th><th data-bbox="414 724 609 749"></th><th data-bbox="609 724 1068 749">ALLOWANCE RANGE</th></tr> <tr> <td data-bbox="300 772 414 798">W1001 00</td><td data-bbox="414 772 609 798">.2</td><td data-bbox="609 772 1068 798">\$ .88 to \$ 3.50</td></tr> <tr> <td data-bbox="300 798 414 823">W1002 00</td><td data-bbox="414 798 609 823">.3</td><td data-bbox="609 798 1068 823">\$ 3.51 to \$17.50</td></tr> <tr> <td data-bbox="300 823 414 848">W1003 00</td><td data-bbox="414 823 609 848">.4</td><td data-bbox="609 823 1068 848">\$17.51 to \$31.50</td></tr> <tr> <td data-bbox="300 848 414 873">W1004 00</td><td data-bbox="414 848 609 873">.5</td><td data-bbox="609 848 1068 873">\$31.51 to \$45.50</td></tr> <tr> <td data-bbox="300 873 414 898">W1005 00</td><td data-bbox="414 873 609 898">.6</td><td data-bbox="609 873 1068 898">\$45.51 to \$59.50</td></tr> </table>	PAINT MIXING	TIME	TOTAL MATERIAL			ALLOWANCE RANGE	W1001 00	.2	\$ .88 to \$ 3.50	W1002 00	.3	\$ 3.51 to \$17.50	W1003 00	.4	\$17.51 to \$31.50	W1004 00	.5	\$31.51 to \$45.50	W1005 00	.6	\$45.51 to \$59.50	
PAINT MIXING	TIME	TOTAL MATERIAL																					
		ALLOWANCE RANGE																					
W1001 00	.2	\$ .88 to \$ 3.50																					
W1002 00	.3	\$ 3.51 to \$17.50																					
W1003 00	.4	\$17.51 to \$31.50																					
W1004 00	.5	\$31.51 to \$45.50																					
W1005 00	.6	\$45.51 to \$59.50																					



**W-2**  
BODY



OPERATION NUMBER	BODY OPERATION DESCRIPTION	OPERATION TIMES
	<b>Windshield Wipers</b>	
W2021 00	WINDSHIELD WIPER MOTOR — REPLACE Applicable failure code: - Broken 01, cracked 05, seized 15, electrical failures 50. ALL MODELS .....	.6
W2031 00	WINDSHIELD WIPER CONTROL SWITCH — REPLACE Applicable failure code: - Broken 01, inoperative 56. ALL MODELS .....	.7
W2041 00 W2042 00	WINDSHIELD WIPER ACTUATING ARM — REPLACE Applicable failure code: - Broken 01, cracked 05, bent 11, seized 15. Right Side Left Side ALL MODELS .....	.3
W2051 00 W2052 00	WINDSHIELD WIPER ARM AND/OR BLADE — REPLACE Applicable failure code: - Broken 01, torn 04, grabs 39, noisy 40. Right Side Left Side ALL MODELS .....	.2
	<b>Bumpers</b>	
W2111 00 W2115 00	BUMPER — REMOVE AND REINSTALL OR REPLACE Applicable failure code: - Broken 01, cracked 05, worn 06, bent 11, chrome plating defective 24. Front Rear ALL MODELS ..... ADD: To Assemble Bumpers.....	.3   .2
W2131 00 W2135 00	BUMPER ENERGY ABSORBER — REPLACE INCLUDES:- Remove and replace bumper. Applicable failure code: - Broken 01, cracked 05, bent 11, seized 15, leaking 42. Front Rear ALL MODELS (ONE) ..... ADD: To Replace Opposite Side .....	.5   .3



OPERATION NUMBER	BODY OPERATION DESCRIPTION	OPERATION TIMES
	<b>Doors</b>	
	<b>HINGES, ENTRANCE DOOR — R&amp;R</b> INCLUDES:- Adjusting door. Applicable failure code: - Broken 01, cracked 05, misaligned 25, misadjusted 26, binds, sticks 52.	
W2210 00	BOTH HINGES.....	1.2
W2211 00	UPPER HINGE.....	1.1
W2212 00	LOWER HINGE.....	1.1
W2221 00	<b>LOCK ASSEMBLY, ENTRANCE DOOR — R&amp;R</b> Applicable failure code: - Broken 01, cracked 05, misaligned 25, misadjusted 26, binds, sticks 52. ALL MODELS .....	.2
W2231 00	<b>STRIKER, ENTRANCE DOOR — R&amp;R AND/OR ADJUST</b> Applicable failure code: - Broken 01, cracked 05, misaligned 25, misadjusted 26, binds, sticks 52. ALL MODELS .....	.2
W2241 00	<b>WEATHERSTRIP, ENTRANCE DOOR — REPLACE</b> Applicable failure code: - Broken 01, torn 04, loose 27, leaking 42, poor fit 55. ALL MODELS .....	.9
W2251 00 W2252 00	<b>ACCESS DOOR, ENGINE - FRONT — R&amp;R</b> DOES NOT INCLUDE:- Paint. Applicable failure code: - Broken 01, cracked 05, misaligned 25, misadjusted 26, binds, sticks 52. Right Side Left Side ALL MODELS ..... ADD: To Replace Each Door Latch.....	.2 .3
W2261 00	<b>ACCESS PANEL, ENGINE INTERIOR — R&amp;R</b> Applicable failure code: - Copy missing. ALL MODELS ..... ADD: To Replace Each Latch .....	.2 .1
W2271 00	<b>ACCESS DOOR, GENERATOR OR PROPANE — REMOVE AND REPLACE</b> DOES NOT INCLUDE:- Paint. Applicable failure code: - Broken 01, cracked 05, misaligned 25, misadjusted 26, binds, sticks 52. ALL MODELS .....	.3











OPERATION NUMBER	BODY	OPERATION TIMES
	OPERATION DESCRIPTION	
W2531 00 W2532 00	<b>SIDE WINDOW GLASS CHANNELS OR WEATHERSTRIPING — RESEAL (ONE)</b> Applicable failure code: - <i>Misaligned 25, leaks 42, part improperly installed 58.</i> Left Side Right Side ALL MODELS .....	.5
W2601 00	<b>Miscellaneous</b> <b>MIRROR HEAD - OUTSIDE — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, scored 07.</i> ALL MODELS .....	.3
W2611 00	<b>RADIATOR GRILLE — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, scored 07, dry spray 17, paint thin 19.</i> ALL MODELS .....	.2
W2621 00 W2622 00	<b>FENDER INNER SKIRTS — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, bent 11.</i> Right Left ALL MODELS .....	.5
W2631 00 W2632 00	<b>BEZEL, HEAD LIGHT — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, scored 07, dry spray 17, paint thin 19.</i> Left Right ALL MODELS .....	.2



OPERATING TIME	BODY	OPERATING
<p>1. 10:00 AM</p> <p>2. 10:15 AM</p> <p>3. 10:30 AM</p> <p>4. 10:45 AM</p> <p>5. 11:00 AM</p> <p>6. 11:15 AM</p> <p>7. 11:30 AM</p> <p>8. 11:45 AM</p> <p>9. 12:00 PM</p> <p>10. 12:15 PM</p> <p>11. 12:30 PM</p> <p>12. 12:45 PM</p> <p>13. 1:00 PM</p> <p>14. 1:15 PM</p> <p>15. 1:30 PM</p> <p>16. 1:45 PM</p> <p>17. 2:00 PM</p> <p>18. 2:15 PM</p> <p>19. 2:30 PM</p> <p>20. 2:45 PM</p> <p>21. 3:00 PM</p> <p>22. 3:15 PM</p> <p>23. 3:30 PM</p> <p>24. 3:45 PM</p> <p>25. 4:00 PM</p> <p>26. 4:15 PM</p> <p>27. 4:30 PM</p> <p>28. 4:45 PM</p> <p>29. 5:00 PM</p> <p>30. 5:15 PM</p> <p>31. 5:30 PM</p> <p>32. 5:45 PM</p> <p>33. 6:00 PM</p> <p>34. 6:15 PM</p> <p>35. 6:30 PM</p> <p>36. 6:45 PM</p> <p>37. 7:00 PM</p> <p>38. 7:15 PM</p> <p>39. 7:30 PM</p> <p>40. 7:45 PM</p> <p>41. 8:00 PM</p> <p>42. 8:15 PM</p> <p>43. 8:30 PM</p> <p>44. 8:45 PM</p> <p>45. 9:00 PM</p> <p>46. 9:15 PM</p> <p>47. 9:30 PM</p> <p>48. 9:45 PM</p> <p>49. 10:00 PM</p> <p>50. 10:15 PM</p> <p>51. 10:30 PM</p> <p>52. 10:45 PM</p> <p>53. 11:00 PM</p> <p>54. 11:15 PM</p> <p>55. 11:30 PM</p> <p>56. 11:45 PM</p> <p>57. 12:00 AM</p> <p>58. 12:15 AM</p> <p>59. 12:30 AM</p> <p>60. 12:45 AM</p> <p>61. 1:00 AM</p> <p>62. 1:15 AM</p> <p>63. 1:30 AM</p> <p>64. 1:45 AM</p> <p>65. 2:00 AM</p> <p>66. 2:15 AM</p> <p>67. 2:30 AM</p> <p>68. 2:45 AM</p> <p>69. 3:00 AM</p> <p>70. 3:15 AM</p> <p>71. 3:30 AM</p> <p>72. 3:45 AM</p> <p>73. 4:00 AM</p> <p>74. 4:15 AM</p> <p>75. 4:30 AM</p> <p>76. 4:45 AM</p> <p>77. 5:00 AM</p> <p>78. 5:15 AM</p> <p>79. 5:30 AM</p> <p>80. 5:45 AM</p> <p>81. 6:00 AM</p> <p>82. 6:15 AM</p> <p>83. 6:30 AM</p> <p>84. 6:45 AM</p> <p>85. 7:00 AM</p> <p>86. 7:15 AM</p> <p>87. 7:30 AM</p> <p>88. 7:45 AM</p> <p>89. 8:00 AM</p> <p>90. 8:15 AM</p> <p>91. 8:30 AM</p> <p>92. 8:45 AM</p> <p>93. 9:00 AM</p> <p>94. 9:15 AM</p> <p>95. 9:30 AM</p> <p>96. 9:45 AM</p> <p>97. 10:00 AM</p> <p>98. 10:15 AM</p> <p>99. 10:30 AM</p> <p>100. 10:45 AM</p> <p>101. 11:00 AM</p> <p>102. 11:15 AM</p> <p>103. 11:30 AM</p> <p>104. 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OPERATION NUMBER	BODY PANEL REPAIRS	OPERATION TIMES
	OPERATION DESCRIPTION	
	<p><b>BODY PANEL REPAIRS</b></p> <p>On the following pages are line drawings of the 23 and 26 foot Motor Homes with areas sectioned off and coded to aid in pinpointing body panel repairs.</p> <p>When necessary to make panel repairs: (1) refer to the appropriate model drawing to select the area coded; (2) using the correct area code, select the proper operation number from the Body Panel Conversion Table.</p> <p>Repair operations include all body repair work required for repairs such as dents, waves, ripples, dings, rough welds, etc. These operations are listed as straight time since the time varies depending upon the work required.</p> <p>Do not use body panel repair operation numbers for paint repairs. Refer to the Paint Section of this schedule for paint repairs.</p>	

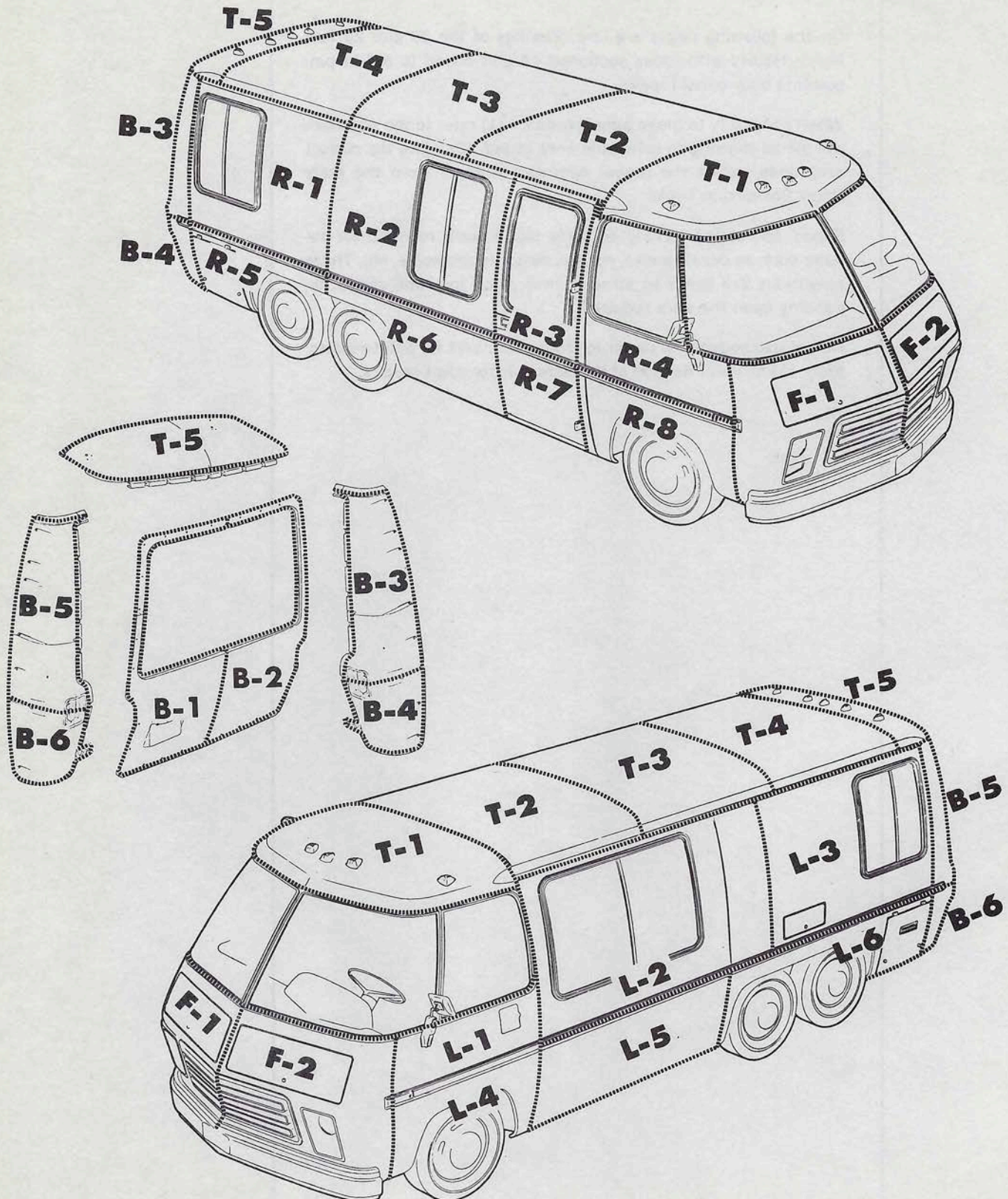


OPERATION  
NUMBER

BODY PANEL REPAIRS  
OPERATION DESCRIPTION

OPERATION TIMES

BODY PANEL REPAIR AREAS - 23' MODEL





OPERATION NUMBER	BODY PANEL REPAIRS	OPERATION TIMES																																																																																				
	OPERATION DESCRIPTION																																																																																					
	<b>230 MODEL - BODY PANEL REPAIR CONVERSION TABLE</b>																																																																																					
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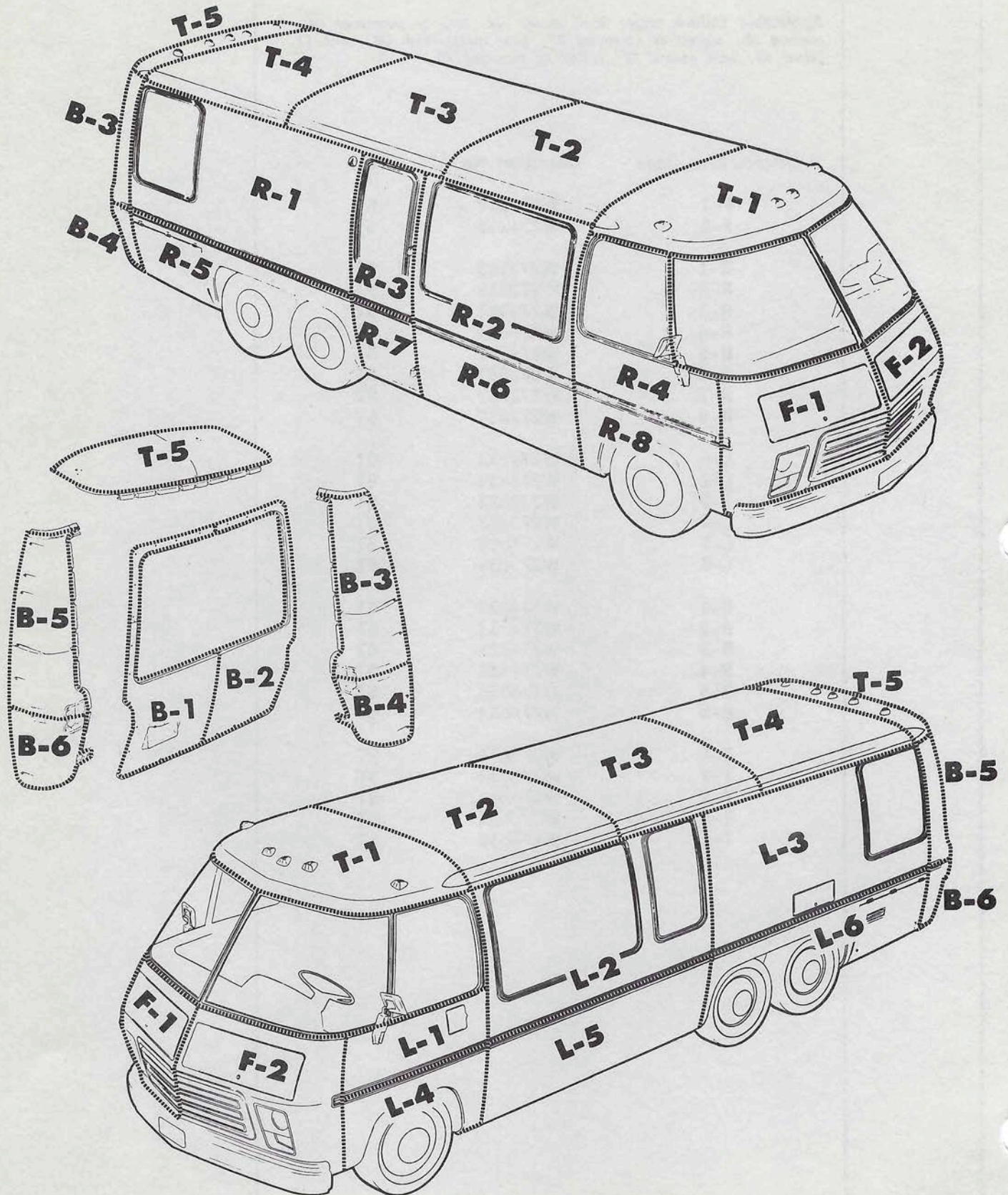


OPERATION  
NUMBER

BODY PANEL REPAIRS  
OPERATION DESCRIPTION

OPERATION TIMES

BODY PANEL REPAIR AREAS - 26' MODEL





OPERATION NUMBER	BODY PANEL REPAIRS	OPERATION TIMES																																																																																				
	OPERATION DESCRIPTION																																																																																					
	<p><b>260 MODEL - BODY PANEL REPAIR CONVERSION TABLE</b></p> <p><b>Applicable failure code:</b> Bond broken 02, torn or punctured 04, cracked 05, scored or scratched 07, poor metal finish 08, bent 11, pitted 49, split seams 72, rusted or corroded 75.</p> <table> <tr> <th>Panel Area Code</th><th>Operation No.</th><th>Time</th></tr> <tr><td>F-1</td><td>W281133</td><td>ST</td></tr> <tr><td>F-2</td><td>W281233</td><td>ST</td></tr> <tr><td>R-1</td><td>W282133</td><td>ST</td></tr> <tr><td>R-2</td><td>W282233</td><td>ST</td></tr> <tr><td>R-3</td><td>W282333</td><td>ST</td></tr> <tr><td>R-4</td><td>W282433</td><td>ST</td></tr> <tr><td>R-5</td><td>W282533</td><td>ST</td></tr> <tr><td>R-6</td><td>W282633</td><td>ST</td></tr> <tr><td>R-7</td><td>W282733</td><td>ST</td></tr> <tr><td>R-8</td><td>W282833</td><td>ST</td></tr> <tr><td>L-1</td><td>W283133</td><td>ST</td></tr> <tr><td>L-2</td><td>W283233</td><td>ST</td></tr> <tr><td>L-3</td><td>W283333</td><td>ST</td></tr> <tr><td>L-4</td><td>W283433</td><td>ST</td></tr> <tr><td>L-5</td><td>W283533</td><td>ST</td></tr> <tr><td>L-6</td><td>W283633</td><td>ST</td></tr> <tr><td>B-1</td><td>W284133</td><td>ST</td></tr> <tr><td>B-2</td><td>W284233</td><td>ST</td></tr> <tr><td>B-3</td><td>W284333</td><td>ST</td></tr> <tr><td>B-4</td><td>W284433</td><td>ST</td></tr> <tr><td>B-5</td><td>W284533</td><td>ST</td></tr> <tr><td>B-6</td><td>W284633</td><td>ST</td></tr> <tr><td>T-1</td><td>W285133</td><td>ST</td></tr> <tr><td>T-2</td><td>W285233</td><td>ST</td></tr> <tr><td>T-3</td><td>W285333</td><td>ST</td></tr> <tr><td>T-4</td><td>W285433</td><td>ST</td></tr> <tr><td>T-5</td><td>W285533</td><td>ST</td></tr> </table>	Panel Area Code	Operation No.	Time	F-1	W281133	ST	F-2	W281233	ST	R-1	W282133	ST	R-2	W282233	ST	R-3	W282333	ST	R-4	W282433	ST	R-5	W282533	ST	R-6	W282633	ST	R-7	W282733	ST	R-8	W282833	ST	L-1	W283133	ST	L-2	W283233	ST	L-3	W283333	ST	L-4	W283433	ST	L-5	W283533	ST	L-6	W283633	ST	B-1	W284133	ST	B-2	W284233	ST	B-3	W284333	ST	B-4	W284433	ST	B-5	W284533	ST	B-6	W284633	ST	T-1	W285133	ST	T-2	W285233	ST	T-3	W285333	ST	T-4	W285433	ST	T-5	W285533	ST	
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HEATING &  
**W-3**  
AIR CONDITIONING



OPERATION NUMBER	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
	OPERATION DESCRIPTION	
W3011 00	<b>Heater And Defroster</b>	
	<b>HEATER CORE — REPLACE</b> Applicable failure code: - <i>Cracked 05, foreign material present 12, leaks 42, part improperly installed 58.</i> <b>ALL MODELS</b> ..... <b>.8</b>	
W3012 00	<b>HEATER DUCT DISTRIBUTOR — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, bent 11, loose 27, part omitted 29, part improperly installed 58.</i> <b>ALL MODELS</b> ..... <b>.2</b>	
W3013 00	<b>HEATER MOTOR AND/OR IMPELLER — REPLACE</b> INCLUDES: D&C electrical connections. R&R blower. R&R wheel from motor. Applicable failure code: - <i>Broken 01, cracked 05, worn 06, loose 27, vibrates 36, noisy 40, electrical failure 50.</i> <b>ALL MODELS</b> ..... <b>.3</b>	
W3014 00	<b>SWITCH, HEATER BLOWER — REPLACE</b> Applicable failure code: - <i>Broken 01, seized 15, electrical failure 50.</i> <b>ALL MODELS</b> ..... <b>.3</b>	
W3015 00	<b>RESISTOR, HEATER BLOWER MOTOR — REPLACE</b> Applicable failure code: - <i>Broken 01, loose 27, part omitted 29, electrical failure 50.</i> <b>ALL MODELS</b> ..... <b>.3</b>	
W3016 00	<b>CONTROL ASSEMBLY, HEATER — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, seized 15, chrome plating defective 24, binds or sticks 52.</i> <b>ALL MODELS</b> ..... <b>.4</b>	
W3017 00	<b>HOSE(S), HEATER — REPLACE</b> Applicable failure code: - <i>Broken 01, torn or punctured 04, foreign material present 12, leaks 42.</i> <b>Both Hoses (From Heater Core To Engine Compartment)</b> <b>ALL MODELS (ONE OR BOTH)</b> ..... <b>.5</b>	
W3041 00	<b>WIRING HARNESS, HEATER — REPAIR</b> Applicable failure code: - <i>Broken 01, electrical failure 50.</i> <b>ALL MODELS</b> ..... <b>ST</b>	



OPERATION NUMBER	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
	OPERATION DESCRIPTION	
W3100 00	<b><i>Air Conditioning</i></b>	
	<b>COMPRESSOR BELT — REPLACE</b>	
	Applicable failure code: - Broken 01, torn or punctured 04, worn 06, loose 27, noisy 40, incorrect part 54.	
	ALL MODELS .....	.6
	ADD:	
	To Replace Power Steering Belt .....	.2
	To Replace Alternator Belt .....	.2
W3211 78	<b>COMPRESSOR ASSEMBLY — REPLACE</b>	
	<b><i>Assembly Replacement Requires Prior Zone Approval.</i></b>	
	INCLUDES:- Remove and reinstall compressor and transfer mounting brackets, transfer clutch hub and drive plate assembly, pulley and bearings assembly and coil housing, evacuate, charge, leak and performance test system.	
	Applicable failure code: - Broken 01, worn 06, seized 15, poor machining 31, noisy 40, leaks 42.	
	ALL MODELS .....	2.0
W3211 10	<b>COMPRESSOR HUB AND DRIVE PLATE — REPLACE</b>	
	INCLUDES:- Remove and reinstall compressor, hub and drive plate assembly and check air gap. Cycle clutch to seat mating parts. Operation includes time to D&C compressor from mounting bracket and adjust belt if necessary.	
	Applicable failure code: - Broken 01, worn 06, noisy 40.	
	ALL MODELS .....	1.7
W3211 20	<b>COMPRESSOR PULLEY AND/OR BEARINGS — REPLACE</b>	
	INCLUDES:- Remove and reinstall compressor, hub and drive plate assembly. Remove and reinstall pulley and bearing assembly. R&R bearing from pulley.	
	Applicable failure code: - Broken 01, worn 06, seized 15, poor machining 31, noisy 40.	
	ALL MODELS .....	1.8
W3211 30	<b>COMPRESSOR COIL HOUSING — REPLACE</b>	
	INCLUDES:- Remove and reinstall compressor, hub and drive plate assembly. Remove and reinstall pulley and bearing assembly.	
	Applicable failure code: - Broken 01, worn 06, seized 15, electrical failure 50, not connected 51.	
	ALL MODELS .....	1.9



OPERATION	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
W3211 40	<p><b>COMPRESSOR FRONT SEAL, SEAT, AND "O" RINGS — REPLACE</b></p> <p>INCLUDES:- Remove and reinstall compressor, clutch hub and drive plate. Evacuate, charge, leak and performance test system.</p> <p><b>Applicable failure code:</b> - <i>Torn or punctured 04, scored 07, part omitted 29, leaks 42, part improperly installed 58.</i></p> <p><b>ALL MODELS</b> .....</p>	1.9
W3211 50	<p><b>COMPRESSOR REAR HEAD - OIL PUMP GEARS AND/OR REAR REED ASSEMBLY — REPLACE</b></p> <p>INCLUDES:- Purge, D&amp;C charging fitting block and muffler assembly from compressor. Remove and reinstall compressor from engine. Remove and reinstall rear head and rear reed plate assembly. Clean and test parts, evacuate, charge, leak and performance test system.</p> <p><b>Applicable failure code:</b> - <i>Broken 01, torn or punctured 04, cracked 05, worn 06, scored 07, bent 11, burned 14, seized 15, noisy 40, leaks 42.</i></p> <p><b>ALL MODELS</b> .....</p>	1.8
W3211 60	<p><b>COMPRESSOR INTERNAL CYLINDER ASSEMBLY — R&amp;R</b></p> <p>INCLUDES:- R&amp;R compressor, pulley and clutch, evacuate and recharge. Internal cylinder and piston assembly (Complete) - R&amp;R. (Includes:- Disconnect and connect shell to interior mechanism and front head assembly. Remove and reinstall front valve and reed plate, remove and reinstall shaft seal assembly, clean and inspect parts).</p> <p><b>Applicable failure code:</b> - <i>Broken 01, torn or punctured 04, cracked 05, worn 06, scored 07, bent 11, burned 14, seized 15, noisy 40, leaks 42.</i></p> <p><b>ALL MODELS</b> .....</p>	2.8
W3211 70	<p><b>INTERNAL CYLINDER AND PISTON ASSEMBLY — R&amp;R AND OVERHAUL</b></p> <p>INCLUDES:- R&amp;R compressor, pulley and clutch, evacuate and recharge. Disconnect and connect shell to interior mechanism and front head assembly. Remove and reinstall shaft seal assembly. Complete disassembly for overhaul, making all checks, gauging operations and build-up. Clean and inspect parts.</p> <p><b>Applicable failure code:</b> - <i>Broken 01, torn or punctured 04, cracked 05, worn 06, scored 07, bent 11, burned 14, seized 15, noisy 40, leaks 42.</i></p> <p><b>ALL MODELS</b> .....</p>	3.9



OPERATION NUMBER	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
	OPERATION DESCRIPTION	
W3211 80	<b>COMPRESSOR FRONT HEAD AND/OR FRONT REED ASSEMBLY — REPLACE</b> INCLUDES:- Remove and reinstall compressor from engine, and rear head and reed plate assembly. Disconnect and connect shell to internal mechanism and front head assembly. Remove and reinstall front valve and reed plate, and shaft seal assembly. Clean and inspect parts. Evacuate, charge, leak and performance test system. <i>Applicable failure code: - Broken 01, torn or punctured 04, cracked 05, worn 06, scored 07, bent 11, burned 14, seized 15, noisy 40, leaks 42.</i> <b>ALL MODELS .....</b>	2.8
W3221 00	<b>COMPRESSOR CHARGE FITTING — REPLACE</b> INCLUDES:- Remove and reinstall low pressure and high pressure hose. Evacuate, charge, leak and performance test system. <i>Applicable failure code: - Broken 01, cracked 05, bent 11, leaks 42, part improperly installed 58.</i> <b>ALL MODELS .....</b>	1.2
W3231 00	<b>COMPRESSOR RELIEF VALVE — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. <i>Applicable failure code: - Cracked 05, foreign material 12, seized 15, leaks 42, part improperly installed 58.</i> <b>ALL MODELS .....</b>	.9
W3241 00	<b>CONDENSER — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. <i>Applicable failure code: - Cracked 05, loose 27, leaking 42.</i> <b>ALL MODELS .....</b> <b>ADD:</b> To Replace Condenser To Compressor Hose..... To Replace "O" Rings.....	1.5    .3 .1
W3251 00	<b>SIGHT GLASS — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. <i>Applicable failure code: - Broken 01, cracked 05, leaking 42.</i> <b>ALL MODELS .....</b>	.9
W3261 00	<b>RECEIVER - DEHYDRATOR — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. <i>Applicable failure code: - Broken 01, cracked 05, loose 27, leaks 42.</i> <b>ALL MODELS .....</b> <b>ADD:</b> To Replace Receiver To Expansion Valve Hose..... To Replace "O" Rings.....	1.0   .4 .1



OPERATION NUMBER	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
	OPERATION DESCRIPTION	
W3311 00	<b>RING SEALS "O" (REFRIGERANT LINES) — REPLACE</b> INCLUDES:- Evacuate, charge, performance and leak test system. Applicable failure code: - <i>Broken 01, cracked 05, leaks 42.</i> ALL MODELS .....	.9
W3321 00	<b>EVAPORATOR CORE — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. Applicable failure code: - <i>Broken 01, cracked 05, loose 27, leaks 42.</i> ALL SERIES..... ADD: To Replace Expansion Valve .....	1.8 .2
W3331 00	<b>EXPANSION VALVE — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. Applicable failure code: - <i>Worn 06, seized 15, leaks 42, sticks 52.</i> ALL MODELS .....	1.9 .1
W3411 00	<b>RESISTOR, AIR CONDITIONING BLOWER — REPLACE</b> Applicable failure code: - <i>Electrical failure 50, sticks 52.</i> ALL MODELS .....	.3
W3421 00	<b>AIR CONDITIONING BLOWER MOTOR AND/OR IMPELLER — REPLACE</b> INCLUDES:- D&C electrical connections, R&R blower wheel from motor. Applicable failure code: - <i>Broken 01, bent 11, part omitted 29, noisy 40, electrical failures 50.</i> ALL MODELS .....	.3
W3511 00	<b>SWITCH ASSEMBLY — PRESSURE (CUT-OFF A/C)</b> Applicable failure code: - <i>Broken 01, seized 15, electrical failures 50.</i> ALL MODELS .....	.9
W3521 00	<b>SWITCH, THERMOSTATIC CONTROL — REPLACE</b> Applicable failure code: - <i>Broken 01, seized 15, electrical failures 50.</i> ALL MODELS .....	.6



OPERATION NUMBER	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
	OPERATION DESCRIPTION	
W3611 00	<b>AIR CONDITION HOSE AND/OR LINE COMPRESSOR TO CONDENSER AND COMPRESSOR TO EVAPORATOR CORE — REPLACE</b> INCLUDES:- Evacuate, charge, leak and performance test system. Applicable failure code: - Broken 01, cracked 05, worn 06, overheated 12, leaks 42, part improperly installed 58. ALL MODELS .....	1.0
W3621 00	<b>AIR CONDITION HOSE AND/OR LINE RECEIVER-DEHYDRATOR TO EXPANSION VALVE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, worn 06, overheated 12, leaks 42, part improperly installed 58. ALL MODELS .....	1.0
W3631 00	<b>VACUUM ACTUATOR - HEATING OR A/C — REPLACE (IN HEATER CORE COMPARTMENT)</b> Applicable failure code: - Cracked 05, part omitted 29, leaks 42, binds or sticks 52, part improperly installed 58. ALL MODELS .....	.4
W3641 00	<b>VACUUM ACTUATOR - A/C — REPLACE (BELOW RIGHT HAND DEFLECTOR OUTLET)</b> Applicable failure code: - Cracked 05, part omitted 29, leaks 42, binds or sticks 52, part improperly installed 58. ALL MODELS .....	.2
W3651 00	<b>VACUUM ACTUATOR - HEATING — REPLACE (RIGHT HAND MOUNTED ON COWL)</b> Applicable failure code: - Cracked 05, part omitted 29, leaks 42, binds or sticks 52, part improperly installed 58. ALL MODELS .....	.4
	ADD: To Replace Door.....	.1
W3661 00	<b>VACUUM ACTUATOR - HEATING OR A/C — REPLACE (LEFT HAND MOUNTED ON COWL)</b> Applicable failure code: - Cracked 05, part omitted 29, leaks 42, binds or sticks 52, part improperly installed 58. ALL MODELS .....	.3
W3671 00	<b>VACUUM ACTUATOR - HEATING AND A/C — REPLACE (MOUNTED IN LEFT HAND DUCT SUB-ASSEMBLY)</b> Applicable failure code: - Cracked 05, part omitted 29, leaks 42, binds or sticks 52, part improperly installed 58. ALL MODELS .....	.8
	ADD: To Replace Doors, Link Or Support .....	.3



OPERATION NUMBER	HEATING VENTILATION AND AIR CONDITIONING	OPERATION TIMES
	OPERATION DESCRIPTION	
W3681 33	<b>VACUUM ACTUATOR VACUUM LINE — REPAIR</b> Applicable failure code: - <i>Broken 01, torn or punctured 04, cracked 05, worn 06, leaks 42.</i> ALL MODELS .....	ST
W3721 00	<b>AIR DEFLECTOR (ANY ONE) — REPLACE</b> Applicable failure code: - <i>Broken 01, part improperly installed 58.</i> ALL MODELS .....	.2
W3431 00	<b>SWITCH, AIR CONDITIONING BLOWER MOTOR — REPLACE</b> Applicable failure code: - <i>Broken 01, seized 15, electrical failure 50.</i> ALL MODELS .....	.3
W3531 00	<b>CONTROL ASSEMBLY, AIR CONDITIONING — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, defective chrome 24, binds or sticks 52, part improperly installed 58.</i> ALL MODELS .....	.4
W3441 00	<b>VACUUM TANK — REPLACE</b> Applicable failure code: - <i>Broken 01, foreign material 12, leaks 42, part improperly installed 58.</i> ALL MODELS .....	.2
W3821 00	<b>CABLE, TEMPERATURE DOOR — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, loose 27, part omitted 29, binds or sticks 52, part improperly installed 58.</i> ALL MODELS .....	.6
W3825 33	<b>WIRING HARNESS, AIR CONDITIONING — REPAIR</b> Applicable failure code: - <i>Broken 01, electrical failures 50.</i> ALL MODELS .....	ST
W3910 00	<b>AIR CONDITIONING SYSTEM — LEAK TEST AND PARTIAL CHARGE</b> Applicable failure code: - <i>Leaks 42.</i> ALL MODELS .....	.6
W3911 00	<b>AIR CONDITIONING SYSTEM — COMPLETE CHARGE</b> Applicable failure code: - <i>Leaks 42.</i> ALL MODELS .....	.7







**W-4** FRAME &  
REAR SUSPENSION



OPERATION NUMBER	REAR SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
W4001 00 W4002 00	<b>REAR SUSPENSION CONTROL ARM — REPLACE</b> INCLUDES:- Bleed brakes. Applicable failure code: - Broken 01, bent 11, binds or sticks 52, part improperly installed 58.	
	Right Side	
	Left Side	
	ALL MODELS .....	2.8
	ADD:	
	To Replace Additional Control Arm (Same Side) .....	.4
W4111 00	To Replace One Control Arm (Opposite Side).....	2.7
	To Replace Both Control Arms (Opposite Side).....	3.1
	<b>REAR SUSPENSION AIR BAG AND/OR AIR BAG PISTON — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, worn 06, part improperly installed 58.	
	ALL MODELS .....	.5
W4121 00 W4122 00	ADD:	
	To Replace Both Bags.....	.4
	<b>HEIGHT CONTROL VALVE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, leaks 42, binds or sticks 52.	
W4130 00 W4131 00 W4132 00	Right Side	
	Left Side	
	ALL MODELS .....	.3
W4210 00 W4211 00 W4212 00 W4220 00 W4221 00 W4222 00	<b>POWER LEVELING VALVE - AT DASH — REPLACE</b> Applicable failure code: - Cracked 05, does not seat 38, leaking 42, part improperly installed 58.	
	Both Sides	
	ALL MODELS .....	.5
	Right Side	
	Left Side	
	ALL MODELS .....	.3
W4210 00 W4211 00 W4212 00 W4220 00 W4221 00 W4222 00	<b>SHOCK ABSORBER (REAR) — REPLACE</b> Applicable failure code: - Broken 01, weak 33, noisy 40, leaks 42.	
	ALL MODELS (FRONT REAR WHEELS)	
	BOTH SIDES .....	.9
	RIGHT SIDE .....	.5
	LEFT SIDE.....	.5
	ALL MODELS (REAR REAR WHEELS)	
	BOTH SIDES .....	.9
	RIGHT SIDE .....	.5
	LEFT SIDE.....	.5



OPERATION NUMBER	REAR SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
	<b>REAR WHEEL OUTER BEARING ASSEMBLY — REPLACE</b>	
	INCLUDES:- Replace oil seal.	
	Applicable failure code: - Broken 01, worn 06, scored or scratched 07, seized 15, noisy 40.	
	<b>FRONT REAR WHEELS</b>	
W4300 20	Both Sides	
	ALL MODELS .....	.9
W4301 20	Right Side	
W4302 20	Left Side	
	ALL MODELS .....	.5
	<b>REAR REAR WHEELS</b>	
W4400 20	Both Sides	
	ALL MODELS .....	.9
W4401 20	Right Side	
W4402 20	Left Side	
	ALL MODELS .....	.5
	ADD:	
	To Replace Inner Bearing (Each Wheel).....	.2
	<b>REAR WHEEL INNER BEARING ASSEMBLY — REPLACE</b>	
	INCLUDES:- Replace oil seal.	
	Applicable failure code: - Broken 01, worn 06, scored or scratched 07, seized 15, noisy 40.	
	<b>FRONT REAR WHEELS</b>	
W4300 30	Both Sides	
	ALL MODELS .....	.9
W4301 30	Right Side	
W4302 30	Left Side	
	ALL MODELS .....	.5
	<b>REAR REAR WHEELS</b>	
W4400 30	Both Sides	
	ALL MODELS .....	.9
W4401 30	Right Side	
W4402 30	Left Side	
	ALL MODELS .....	.5
	ADD:	
	To Replace Outer Bearing Cup (Each Wheel).....	.2



OPERATION NUMBER	REAR SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
	<b>REAR WHEEL BEARING OIL SEAL — REPLACE</b>	
	Applicable failure code: - <i>Cracked 05, part omitted 29, leaks 42, part improperly installed 58.</i>	
	<b>FRONT REAR WHEELS</b>	
W4300 40	Both Sides	
	ALL MODELS .....	.9
W4301 40	Right Side	
W4302 40	Left Side	
	ALL MODELS .....	.5
	<b>REAR REAR WHEELS</b>	
W4400 40	Both Sides	
	ALL MODELS .....	.9
W4401 40	Right Side	
W4402 40	Left Side	
	ALL MODELS .....	.5
	<b>ADD:</b>	
	To Replace Outer Bearing Cup (Each Wheel).....	.2
	To Replace Inner Bearing Cup (Each Wheel).....	.2
	<b>REAR WHEEL BEARING ASSEMBLIES (INNER AND OUTER)— REPLACE</b>	
	Applicable failure code: - <i>Broken 01, worn 06, scored or scratched 07, seized 15, noisy 40.</i>	
	<b>FRONT REAR WHEELS</b>	
W4300 10	Both Sides	
	ALL MODELS .....	1.3
W4301 10	Right Side	
W4302 10	Left Side	
	ALL MODELS .....	.7
	<b>REAR REAR WHEELS</b>	
W4400 10	Both Sides	
	ALL MODELS .....	1.3
W4401 10	Right Side	
W4402 10	Left Side	
	ALL MODELS .....	.7



OPERATION NUMBER	REAR SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
	<b>REAR WHEEL HUB — REPLACE</b> INCLUDES:- Repack bearings. Applicable failure code: - Broken 01, cracked 05, worn 06, bent 11, loose 27, out of balance 34.	
	<b>FRONT REAR WHEELS</b>	
W4300 50	Both Sides	
	ALL MODELS .....	1.3
W4301 50	Right Side	
W4302 50	Left Side	
	ALL MODELS .....	.7
	<b>REAR REAR WHEELS</b>	
W4400 50	Both Sides	
	ALL MODELS .....	1.3
W4401 50	Right Side	
W4402 50	Left Side	
	ALL MODELS .....	.7
	<b>REAR WHEEL SPINDLE — REPLACE</b> INCLUDES:- Repack bearings, bleed brakes. Applicable failure code: - Broken 01, cracked 05, worn 06, bent 11, part improperly installed 58.	
	<b>FRONT REAR WHEELS</b>	
W4300 60	Both Sides	
	ALL MODELS .....	1.1
W4301 60	Right Side	
W4302 60	Left Side	
	ALL MODELS .....	.6
	<b>REAR REAR WHEELS</b>	
W4400 60	Both Sides	
	ALL MODELS .....	1.1
W4401 60	Right Side	
W4402 60	Left Side	
	ALL MODELS .....	.6
W4511 78	<b>AIR COMPRESSOR — R&amp;R</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, stripped 03, cracked 05, worn 06, seized 15, leaks 42.	
	ALL MODELS .....	.4
	<b>ADD:</b>	
	To Replace Fan .....	.2
	To Replace Dome Assembly .....	.2
	To Replace Filter .....	.1
	To Overhaul Compressor Complete .....	.3
	To Replace Mounting Bracket .....	.4



OPERATION NUMBER	REAR SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
W4521 33	<b>AIR LINE (ANYONE) — REPLACE</b> Applicable failure code: - Broken 01, stripped 03, cracked 05, leaks 42. ALL MODELS .....	ST
W4531 00	<b>AIR RESERVOIR TANK — REPLACE</b> Applicable failure code: - Cracked 05, bent 11, leaks 42. ALL MODELS .....	.3
W4541 00	<b>AIR RESERVOIR TANK PETCOCK — REPLACE</b> Applicable failure code: - Broken 01, stripped 03, bent 11, leaks 42. ALL MODELS .....	.2
W4621 33	<b>FRAME ASSEMBLY — REPAIR</b> <b>(USE THIS OPERATION ALSO FOR REPLACEMENT)</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, weld broken 02, cracked 05, bent 11, misaligned 25. ALL MODELS .....	ST
W4631 33	<b>FRAME CROSSMEMBER — REPAIR OR REPLACE</b> Applicable failure code: - Broken 01, weld broken 02, cracked 05, bent 11, misaligned 25. ALL MODELS .....	ST
W4711 33	<b>BODY BOLT AND/OR MOUNT — REPLACE</b> INCLUDES:- Time to remove and reinstall and/or disconnect and connect all necessary items to permit replacement of the bolts and/or mounts. Applicable failure code: - Broken 01, stripped 03, part omitted 29. ALL MODELS .....	ST







**W-5**  
BRAKES



OPERATION NUMBER	BRAKES	OPERATION TIMES
	OPERATION DESCRIPTION	
W5000 00	<b>Front Disc Brakes</b>	
	<b>DISC BRAKE LINED PADS - BOTH FRONT WHEELS — REPLACE</b>	
	INCLUDES:- Remove and reinstall front wheels. Drain and refill master cylinder as necessary. Disconnect and connect calipers and remove and reinstall bushings.	
	Applicable failure code: - <i>Cracked 05, worn 06, foreign material present 12, noisy 40, wrong part 54, glazed 64.</i>	
	ALL MODELS ..... .7	
	ADD:	
	To Replace Wheel Bearing (One)..... 1.3	
W5000 10	<b>ROTOR ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b>	
	INCLUDES:- Remove and reinstall wheel, brake shoes, bearings, disconnect and connect caliper. Repack and adjust bearings. Drain and refill master cylinder as necessary.	
	Applicable failure code: - <i>Cracked 05, scored or scratched 07, bent 11, poor machining 31, grabs 39, noisy 40, chatters 41.</i>	
	Both Sides	
	ALL MODELS ..... 3.5	
W5001 10	Right Side	
W5002 10	Left Side	
	ALL MODELS ..... 1.8	
	ADD:	
	To Reface Rotor (One)..... .5	
	To Reface Rotors (Both)..... .8	
W5000 20	<b>CALIPER ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b>	
	<b>Assembly Replacement Requires Prior Zone Approval.</b>	
	INCLUDES:- Remove and reinstall wheel and brake shoes. Drain and refill master cylinder. Bleed brakes.	
	Applicable failure code: - <i>Torn 04, worn 06, scored or scratched 07, porosity 30, leaks 42.</i>	
	Both Sides	
	ALL MODELS ..... 1.1	
W5003 20	Right Side	
W5004 20	Left Side	
	ALL MODELS ..... .8	
	ADD:	
	To Overhaul Caliper (Each) ..... .3	



OPERATION NUMBER	BRAKES OPERATION DESCRIPTION	OPERATION TIMES
	<b><i>Rear Drum Brakes</i></b>	
	<b>BRAKE SHOES AND LININGS (REAR) — REPLACE</b>	
	Applicable failure code: - <i>Cracked 05, worn 06, bent 11, grabs 39, chatters 41, glazed 64.</i>	
	<b>FRONT REAR WHEELS</b>	
W5100 10	Both Sides	
	ALL MODELS .....	1.1
W5101 10	Right Side	
W5102 10	Left Side	
	ALL MODELS .....	.6
	<b>REAR REAR WHEELS</b>	
W5200 10	Both Sides	
	ALL MODELS .....	1.1
W5201 10	Right Side	
W5202 10	Left Side	
	ALL MODELS .....	.6
	<b>ADD:</b>	
	To Replace Inner Wheel Bearing (Each).....	.2
	To Replace Outer Wheel Bearing (Each).....	.2
	To Replace Drum (Each).....	.2
	To Reface Drum (Each) .....	.3
	To Replace Parking Brake Lever (Each).....	.1
	To Replace Parking Brake Cable (Each).....	.3
	To Replace Wheel Cylinder (Each).....	.2
	<b>DRUM ASSEMBLY, REAR BRAKE — REPLACE</b>	
	Applicable failure code: - <i>Cracked 05, scored or scratched 07, overheated 13, poor machining 31, out of round 35.</i>	
	<b>FRONT REAR WHEELS</b>	
W5110 00	Both Sides	
	ALL MODELS .....	.9
W5111 00	Right Side	
W5112 00	Left Side	
	ALL MODELS .....	.5
	<b>REAR REAR WHEELS</b>	
W5120 10	Both Sides	
	ALL MODELS .....	.9
W5121 10	Right Side	
W5122 10	Left Side	
	ALL MODELS .....	.5
	<b>ADD:</b>	
	To Reface Drum (Each) .....	.3



OPERATION NUMBER	BRAKES OPERATION DESCRIPTION	OPERATION TIMES
	<b>SPRINGS, BRAKE SHOE RETURN AND/OR HOLD-DOWN — REPLACE</b> <i>Applicable failure code: - Broken 01, overheated 13, weak 33, wrong part 54.</i>	
	<b>FRONT REAR WHEELS</b>	
W5100 20	Both Sides	
	ALL MODELS .....	.5
W5101 20	Right Side	
W5102 20	Left Side	
	ALL MODELS .....	.3
	<b>REAR REAR WHEELS</b>	
W5200 20	Both Sides	
	ALL MODELS .....	.5
W5201 20	Right Side	
W5202 20	Left Side	
	ALL MODELS .....	.3
	<b>SELF-ADJUSTING BRAKE MECHANISM — REPLACE OR OVERHAUL</b> <i>Applicable failure code: - Broken 01, stripped 03, bent 11, overheated 13, weak 33, binds or sticks 52.</i>	
	<b>FRONT REAR WHEELS</b>	
W5100 30	Both Sides	
	ALL MODELS .....	.5
W5101 30	Right Side	
W5102 30	Left Side	
	ALL MODELS .....	.3
	<b>REAR REAR WHEELS</b>	
W5200 30	Both Sides	
	ALL MODELS .....	.5
W5201 30	Right Side	
W5202 30	Left Side	
	ALL MODELS .....	.3
	<b>BACKING PLATE — REPLACE</b> <i>Applicable failure code: - Broken 01, cracked 05, bent 11.</i>	
	<b>FRONT REAR WHEELS</b>	
W5130 00	Both Sides	
	ALL MODELS .....	1.5
W5131 00	Right Side	
W5132 00	Left Side	
	ALL MODELS .....	.8
	<b>REAR REAR WHEELS</b>	
W5230 00	Both Sides	
	ALL MODELS .....	1.5
W5231 00	Right Side	
W5232 00	Left Side	
	ALL MODELS .....	.8



OPERATION NUMBER	BRAKES OPERATION DESCRIPTION	OPERATION TIMES
	<b><i>Brake Controls</i></b>	
W5310 00	<b>BRAKE PEDAL — REPLACE</b> Applicable failure code: - Broken 01, worn 06, bent 11, binds or sticks 52. ALL MODELS .....	.8
W5312 00	<b>BUSHINGS, BRAKE PEDAL — REPLACE</b> Applicable failure code: - Broken 01, seized 15, binds or sticks 52. ALL MODELS .....	.8
W5321 00	<b>BRAKE PEDAL RUBBER PAD — REPLACE</b> Applicable failure code: - Part omitted 29, part improperly installed 58. ALL MODELS .....	.2
	<b><i>Parking Brake</i></b>	
W5401 00	<b>PARKING BRAKE LEVER ASSEMBLY AND/OR FRONT CABLE — REPLACE</b> Applicable failure code: - Broken 01, seized 15, binds or sticks 52. ALL MODELS .....	.5
W5411 00	<b>PARKING BRAKE INTERMEDIATE CABLE — REPLACE</b> Applicable failure code: - Broken 01, not connected 51, wrong part 54, part improperly installed 58. ALL MODELS .....	.4
	<b>PARKING BRAKE REAR CABLE — REPLACE</b> Applicable failure code: - Broken 01, not connected 51, wrong part 54, part improperly installed 58. <b>FRONT REAR WHEELS</b>	
W5420 00	Both Sides ALL MODELS .....	1.2
W5421 00	Right Side	
W5422 00	Left Side ALL MODELS .....	.7
	<b>REAR REAR WHEELS</b>	
W5430 00	Both Sides ALL MODELS .....	1.2
W5431 00	Right Side	
W5432 00	Left Side ALL MODELS .....	.7



OPERATION NUMBER	BRAKES	OPERATION TIMES
	OPERATION DESCRIPTION	
W5511 78	<p align="center"><b>Brake Hydraulic System</b></p> <p><b>BRAKE MASTER CYLINDER — REMOVE AND REINSTALL OR REPLACE</b></p> <p><i>Assembly Replacement Requires Prior Zone Approval.</i></p> <p>INCLUDES:- Bleed system.</p> <p>Applicable failure code: - Cracked 05, worn 06, scored or scratched 07, foreign material present 12, porosity 30, poor machining 31, leaks 42.</p> <p>ALL MODELS ..... .9</p> <p>ADD:</p> <p>To Overhaul Cylinder ..... .6</p>	
W5520 00 W5521 00 W5522 00 W5530 10 W5531 20 W5532 10	<p><b>WHEEL CYLINDER — REPLACE</b></p> <p>INCLUDES:- Bleed system.</p> <p>Applicable failure code: - Cracked 05, scored or scratched 07, porosity 30, poor machining 31, leaks 42, pitted 49, binds or sticks 52.</p> <p><b>FRONT REAR WHEELS</b></p> <p>Both Sides</p> <p>ALL MODELS ..... 1.1</p> <p>Right Side</p> <p>Left Side</p> <p>ALL MODELS ..... .6</p> <p><b>REAR REAR WHEELS</b></p> <p>Both Sides</p> <p>ALL MODELS ..... 1.1</p> <p>Right Side</p> <p>Left Side</p> <p>ALL MODELS ..... .6</p> <p>ADD:</p> <p>To Overhaul Each Wheel Cylinder..... .2</p>	
W5601 00	<p><b>SWITCH, BRAKE LIGHT — REPLACE</b></p> <p>Applicable failure code: - Broken 01, cracked 05, electrical failures 50.</p> <p>ALL MODELS ..... .2</p>	
W5621 00	<p><b>BRAKE PRESSURE METERING VALVE — REPLACE</b></p> <p>INCLUDES:- Bleed system.</p> <p>Applicable failure code: - Broken 01, cracked 05, leaks 42, binds or sticks 52, inoperative 56.</p> <p>ALL MODELS ..... .8</p> <p>ADD:</p> <p>To Overhaul Metering Valve..... .2</p>	



OPERATION NUMBER	BRAKES	OPERATION TIMES
	OPERATION DESCRIPTION	
W5711 78	<b>POWER BRAKE POWER CYLINDER — REMOVE AND REINSTALL OR REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> INCLUDES:- Bleed system. Applicable failure code: - Broken 01, stripped 03, seized 15, leaks 42, binds or sticks 52, not drilled 53, inoperative 56. ALL MODELS ..... 1.5 <b>ADD:</b> To Overhaul Power Cylinder ..... .6 To Overhaul Master Cylinder ..... .6	
W5721 00	<b>POWER BRAKE VACUUM HOSE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, foreign material present 12, leaks 42. ALL MODELS ..... .2	
W5731 00	<b>POWER BRAKE VACUUM CHECK VALVE, PIPE AND/OR FITTING — REPLACE</b> Applicable failure code: - Cracked 05, does not seat 38, leaks 42, inoperative 56. ALL MODELS ..... .2	
W5810 00	<b>BRAKE HOSES (FRONT) — REPLACE</b> INCLUDES:- Bleed system. Applicable failure code: - Broken 01, stripped 03, worn 06, foreign material present 12, loose 27, leaks 42. <b>Both Sides</b> ALL MODELS ..... 1.2	
W5811 00	<b>Right Side</b>	
W5812 00	<b>Left Side</b>	
	ALL MODELS ..... .8	
W5822 33	<b>BRAKE PIPES (ANYONE) — REPLACE</b> Applicable failure code: - Broken 01, stripped 03, cracked 05, worn 06, leaking 42. ALL MODELS ..... ST	







OPERATION NUMBER	FUEL AND EXHAUST SYSTEMS	
	OPERATION DESCRIPTION	OPERATION TIMES
	<b>Exhaust System</b>	
	<b>EXHAUST PIPE — REPLACE</b>	
	Applicable failure code: - Weld broken 02, cracked 05, loose 27, incorrect part 54, part improperly installed 58.	
W6001 00	Right Side	
W6002 00	Left Side	
	ALL MODELS .....	.4
	ADD:	
	To Replace Muffler -	
	Either .....	.3
	Both .....	.6
	<b>MUFFLER — REPLACE</b>	
	Applicable failure code: - Cracked 05, loose 27, noisy 40, leaks 42.	
W6041 00	Right Side	
W6042 00	Left Side	
	ALL MODELS .....	.5
	ADD:	
	To Replace Front Tailpipe .....	.5
	To Replace Intermediate Tailpipe .....	.4
	To Replace Rear Tailpipe .....	.2
	To Replace Rear Tailpipe Bracket .....	.1
W6011 00	<b>FRONT TAILPIPE (Y) — REPLACE</b>	
	Applicable failure code: - Cracked 05, loose 27, leaks 42.	
	ALL MODELS .....	1.1
	ADD:	
	To Replace Intermediate Tailpipe .....	.4
	To Replace Rear Tailpipe .....	.2
	To Replace Rear Tailpipe Bracket .....	.1
W6021 00	<b>INTERMEDIATE TAILPIPE — REPLACE</b>	
	Applicable failure code: - Cracked 05, loose 27, leaks 42.	
	ALL MODELS .....	.5
	ADD:	
	To Replace Rear Tailpipe .....	.2
	To Replace Rear Tailpipe Bracket .....	.1
W6031 00	<b>REAR TAILPIPE — REPLACE</b>	
	Applicable failure code: - Cracked 05, loose 27, leaks 42.	
	ALL MODELS .....	.3
	ADD:	
	To Replace Hanger Bracket .....	.1



OPERATION NUMBER	FUEL AND EXHAUST SYSTEMS	
	OPERATION DESCRIPTION	OPERATION TIMES
W6051 00	<b>TAILPIPE HANGER BRACKET — REPLACE</b> Applicable failure code: - Broken 01, misaligned 25, loose 27. ALL MODELS (ANY ONE) ..... <b>ADD:</b> To Replace Each Additional .....	   .2   .1
W6201 00	<b><i>Evaporative Emission</i></b> <b>EMISSION CANISTER ASSEMBLY — REPLACE</b> INCLUDES:- Raise and lower vehicle. Applicable failure code: - Broken 01, cracked 05, loose 27, porous 30, inoperative 56. ALL MODELS ..... <b>ADD:</b> To Replace Filter .....	   .3   .1
W6202 00	<b>EMISSION CANISTER ASSEMBLY FILTER — REPLACE</b> INCLUDES:- Raise and lower vehicle. Applicable failure code: - Inoperative 56. ALL MODELS .....	   .3
W6211 00	<b>CANISTER MOUNTING BRACKET — REPLACE</b> Applicable failure code: - Broken 01, bent 11, loose 27. ALL MODELS .....	   .5
W6221 00	<b>SEPARATOR (LIQUID VAPOR) OR STANDPIPE — REPLACE</b> Applicable failure code: - Cracked 05, porosity 30, does not seat 38. ALL MODELS .....	   .4
W6231 00	<b>VAPOR CANISTER HOSE (CANISTER TO CARBURETOR) — REPLACE</b> Applicable failure code: - Broken 01, torn or punctured 04, leaks 42. ALL MODELS .....	   .3
W6241 00	<b>PIPES, HOSES OR LINES - FROM CANISTER TO FUEL TANK (EXCEPT FILLER)</b> Applicable failure code: - Broken 01, torn or punctured 04, leaks 42. ALL MODELS ..... <b>ADD:</b> To Replace Front Or Rear Tank Vent Hose .....	   .4   1.1







OPERATION NUMBER	FUEL AND EXHAUST SYSTEMS	
	OPERATION DESCRIPTION	OPERATION TIMES
W6463 00	<b>FILLER TUBE CONNECTING LINE — REPLACE</b> Applicable failure code: - <i>Cracked 05, bent 11, leaks 42.</i> ALL MODELS .....	.4
W6464 00	<b>HORIZONTAL INTER TUBE — REPLACE</b> Applicable failure code: - <i>Cracked 05, bent 11, leaks 42.</i> ALL MODELS .....	.3
W6465 00	<b>INTER FILLER TUBE TO FRONT TANK TEE — REPLACE</b> Applicable failure code: - <i>Cracked 05, bent 11, leaks 42.</i> ALL MODELS .....	.3
W6466 00	<b>REAR FUEL HORIZONTAL FILLER TUBE — REPLACE</b> Applicable failure code: - <i>Cracked 05, bent 11, leaks 42.</i> ALL MODELS .....	.3
W6471 00	<b>FUEL SELECTOR VALVE — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, leaks 42.</i> ALL MODELS .....	.4



W-7 STEERING



OPERATION NUMBER	STEERING	OPERATION TIMES
	OPERATION DESCRIPTION	
W7001 00	<b>Steering Column</b>	
	<b>STEERING WHEEL — REPLACE</b> INCLUDES:- Transfer parts. Applicable failure code: - <i>Cracked 05, incorrect part 54, part improperly installed 58.</i> ALL MODELS .....	.3
W7011 00	<b>COVER, TILT WHEEL — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> If Equipped With Cruise Control .....	.8 .1
W7012 00	<b>LEVER, TILT WHEEL — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, bent 11.</i> ALL MODELS .....	.2
	<b>TURN SIGNAL LEVER — REPLACE</b> INCLUDES:- Remove and reinstall steering wheel. Applicable failure code: - <i>Broken 01, stripped 03, bent 11.</i> ALL MODELS ..... <b>ADD:</b> If Equipped With Cruise Control .....	.3 .1
W8331 00	<b>SWITCH ASSEMBLY, TURN SIGNAL AND HAZARD WARNING — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, cracked 05, electrical failures 50, binds or sticks 52.</i> ALL MODELS (STANDARD COLUMN).....	.7
	<b>HORN CONTACT CAM AND/OR WHEEL LOCK PLATE — REPLACE</b> INCLUDES:- Remove and reinstall steering wheel. Applicable failure code: - <i>Broken 01, noisy 40, electrical failures 50, binds or sticks 52.</i> ALL MODELS .....	.3
W7151 00	<b>HORN CONTACT PLATE — REPLACE</b> INCLUDES:- Replace as an assembly (horn switch, contact plate, pad and/or emblem) if necessary. Applicable failure code: - <i>Broken 01, bent 11, loose 27, electrical failures 50.</i> ALL MODELS ..... <b>ADD:</b> To Overhaul Assembly ..... (INCLUDES:- Complete Disassembly And Replacement Of Necessary Parts).	.2 .1



OPERATION NUMBER	STEERING	OPERATION TIMES
	OPERATION DESCRIPTION	
W7161 00	<b>SWITCH ASSEMBLY, IGNITION — REPLACE</b> Applicable failure code: - Broken 01, loose 27, electrical failures 50, binds or sticks 52, inoperative 56, part improperly installed 58.	
	ALL MODELS .....	.3
W8341 00	<b>IGNITION SWITCH LOCK CYLINDER AND/OR BUZZER SWITCH — REPLACE</b> Applicable failure code: - Broken 01, loose 27, binds or sticks 52, inoperative 56, part improperly installed 58.	
	ALL MODELS .....	.5
	ADD: If Equipped With Both Tilt Column And Cruise Control .....	.1
W7201 78	<b>TILT ACTUATOR ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, stripped 03, worn 06, bent 11, poor machining 31, weak 33, part improperly installed 58.	
	ALL MODELS .....	.9
	ADD:	
	If Equipped With Cruise Control .....	.1
	To Overhaul Actuator .....	.2
	To Replace Actuator Support .....	.1
W7211 00	(INCLUDES:- Steering Shaft). To Replace Lower Bowl Bearing.....	.2
	<b>SHAFT AND BEARING, UPPER STEERING — REMOVE AND REINSTALL OR REPLACE</b> Applicable failure code: - Broken 01, stripped 03, bent 11, loose 27, noisy 40, binds or sticks 52.	
	<b>STANDARD COLUMN</b>	
	ALL MODELS .....	.6
	<b>TILT COLUMN</b>	
	ALL MODELS .....	1.0
W7221 00	ADD:	
	If Equipped With Cruise Control .....	.1
	To Overhaul Shaft (Tilt Column Only) .....	.2
W7221 00	<b>STEERING LOWER SHAFT AND/OR BEARING — REPLACE</b> Applicable failure code: - Broken 01, worn 06, bent 11, part improperly installed 58.	
	ALL MODELS .....	.4
	ADD: To Overhaul Lower Shaft .....	.1



OPERATION NUMBER	STEERING	OPERATION TIMES
	OPERATION DESCRIPTION	
W7231 00	<b>STEERING COLUMN LOCKING PARTS - RACK/ SECTOR/LOCK BOLT/ACTUATOR ROD — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, chipped 09, bent 11, loose 27, noisy 40, binds or sticks 52.</i> ALL MODELS (STANDARD COLUMN)..... ALL MODELS (TILT COLUMN)..... <b>ADD:</b> If Equipped With Cruise Control.....	1.3 1.1 .1
W7241 00	<b>BOOT KIT — R&amp;R</b> Applicable failure code: - <i>Cracked 05, worn 06.</i> ALL MODELS ..... <b>ADD:</b> To Overhaul .....	.3 .4
W7251 00	<b>YOKE ASSEMBLY — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, binds or sticks 52.</i> ALL MODELS .....	.2
W7280 78	<b>STEERING COLUMN ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> INCLUDES:- Remove and reinstall steering wheel and align column. Applicable failure code: - <i>Broken 01, loose 27, binds or sticks 52, inoperative 56, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> If Equipped With Cruise Control..... To Overhaul (Except Tilt) ..... To Overhaul Tilt..... (DOES NOT INCLUDE:- Actuator Overhaul). To Overhaul Actuator..... To Overhaul Upper Steering Column Cover.....	.8 .1 .4 .6 .2 .1
W7311 00	<p style="text-align: center;"><b><i>Steering Linkage</i></b></p> <b>STEERING RELAY ROD — REPLACE</b> INCLUDES:- Adjust toe-in. Applicable failure code: - <i>Broken 01, stripped 03, bent 11, loose 27, incorrect part 54.</i> ALL MODELS .....	1.3
W7321 00	<b>STEERING RELAY LEVER — REPLACE</b> INCLUDES:- Adjust toe-in. Applicable failure code: - <i>Broken 01, cracked 05, bent 11, loose 27, part improperly installed 58.</i> ALL MODELS .....	1.0



OPERATION NUMBER	STEERING OPERATION DESCRIPTION	OPERATION TIMES
W7331 00	<b>PITMAN ARM — REPLACE</b> INCLUDES:- Adjust toe-in. Applicable failure code: - Broken 01, worn 06, bent 11, part improperly installed 58. ALL MODELS .....	.8
W7341 00	<b>DRAG LINK — REMOVE AND REINSTALL OR REPLACE</b> Applicable failure code: - Broken 01, bent 11, part improperly installed 58. ALL MODELS .....	.4
W7351 00	<b>STEERING SHOCK ABSORBER — REPLACE</b> Applicable failure code: - Broken 01, loose 27, part omitted 29, weak 33, noisy 40, leaks 42. ALL MODELS .....	.4
W7360 00	<b>TIE ROD AND TIE ROD END — REPLACE</b> INCLUDES:- Adjust toe-in. Applicable failure code: - Broken 01, stripped 03, bent 11, part improperly installed 58. <b>Both Sides</b> ALL MODELS .....	1.3
W7361 00	<b>Right Side</b>	
W7362 00	<b>Left Side</b> ALL MODELS .....	.9
W7370 00	<b>STEERING IDLER ARM AND SUPPORT ASSEMBLY — REPLACE</b> INCLUDES:- Adjust toe-in. Applicable failure code: - Broken 01, bent 11, binds or sticks 52, part improperly installed 58. ALL MODELS .....	.9



OPERATION NUMBER	STEERING	OPERATION TIMES
	OPERATION DESCRIPTION	
W7410 78	<p align="center"><b><i>Power Steering</i></b></p> <p><b>POWER STEERING GEAR ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b></p> <p><i>Assembly Replacement Requires Prior Zone Approval.</i></p> <p>Applicable failure code: - Broken 01, stripped 03, worn 06, loose 27, poor machining 31, noisy 40, leaks 42, binds or sticks 52.</p> <p>ALL MODELS ..... .8</p> <p>ADD:</p> <p>To Replace End Cover And/Or Seal..... .2</p> <p>To Replace Side Cover, 'O' Ring Or Pitman Shaft ..... .2</p> <p>To Replace Pitman Shaft Seals Or Bearing ..... .3</p> <p>To Replace Adjuster Plug..... .4</p> <p>To Replace Valve Body..... .6</p> <p>To Replace Rack Piston And Worm Shaft..... .8</p> <p>To Replace Steering Gear Housing..... .6</p> <p>To Overhaul Complete ..... 1.2</p>	
W7411 00	<p><b>PITMAN SHAFT SEAL — REPLACE</b></p> <p>INCLUDES:- Remove and reinstall steering gear.</p> <p>Applicable failure code: - Torn or punctured 04, leaks 42.</p> <p>ALL MODELS ..... .8</p>	
W7421 00	<p><b>POWER STEERING PUMP DRIVE BELT — REPLACE</b></p> <p>INCLUDES:- Adjust belt tension.</p> <p>Applicable failure code: - Broken 01, noisy 40.</p> <p>ALL MODELS ..... .7</p> <p>ADD:</p> <p>To R&amp;R Alternator Belt ..... .2</p>	
W7425 00	<p><b>PULLEY, POWER STEERING PUMP — REPLACE</b></p> <p>Applicable failure code: - Broken 01, cracked 05, bent 11, noisy 40.</p> <p>ALL MODELS ..... .5</p> <p>ADD:</p> <p>If Equipped With Air Conditioning ..... .1</p>	
W7431 00	<p><b>OIL SEAL, POWER STEERING PUMP — REPLACE</b></p> <p>Applicable failure code: - Leaks 42, part improperly installed 58.</p> <p>ALL MODELS ..... .8</p> <p>ADD:</p> <p>If Equipped With Air Conditioning ..... .1</p>	



OPERATION NUMBER	STEERING	OPERATION TIMES
	OPERATION DESCRIPTION	
W7441 26	<b>POWER STEERING PUMP AND/OR ADJUSTING LINK BRACKET — REMOVE AND REINSTALL OR REPLACE</b>	
	Applicable failure code: - <i>Cracked 05, foreign material present 12, seized 15, loose 27, noisy 40, leaks 42.</i>	
	ALL MODELS .....	1.1
	ADD: To Replace Pump Assembly..... To Overhaul Pump Assembly.....	.1 .6
W7443 00	<b>POWER STEERING PUMP MOUNTING BRACKET — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, cracked 05, ben5 11, part improperly installed 58.</i>	
	ALL MODELS .....	.9
W7445 00	<b>POWER STEERING PUMP BRACE — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, cracked 05, part omitted 29, part improperly installed 58.</i>	
	ALL MODELS .....	.3
W7452 00	<b>POWER STEERING PRESSURE LINE (FROM PUMP TO STEERING GEAR) — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, stripped 03, cracked 05, loose 27, leaks 42.</i>	
	ALL MODELS .....	.5
W7454 00	<b>POWER STEERING RETURN LINE (FROM STEERING GEAR) — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, stripped 03, cracked 05, loose 27, leaks 42.</i>	
	ALL MODELS .....	.4
W7456 00	<b>POWER STEERING RETURN HOSE (BETWEEN TWO METAL RETURN LINES) — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, stripped 03, cracked 05, loose 27, leaks 42.</i>	
	ALL MODELS .....	.3
W7458 00	<b>POWER STEERING RETURN HOSE (AT PUMP) — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, stripped 03, cracked 05, loose 27, leaks 42.</i>	
	ALL MODELS .....	.3



OPERATION	STEERING	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
W7511 00	<b>WINDSHIELD WIPER SUPPLY AND/OR RETURN LINE (MOUNTED TO RADIATOR SUPPORT) (ONE) — REPLACE</b> <i>Applicable failure code: - Broken 01, stripped 03, cracked 05, loose 27, leaks 42.</i> <b>ALL MODELS .....</b> <b>ADD:</b> To Replace Opposite Line.....	          <b>.4</b>          <b>.2</b>
W7521 00	<b>WINDSHIELD WIPER SUPPLY AND/OR RETURN HOSE (AT WIPER MOTOR) (ONE) — REPLACE</b> <i>Applicable failure code: - Broken 01, stripped 03, cracked 05, loose 27, leaks 42.</i> <b>ALL MODELS .....</b> <b>ADD:</b> To Replace Opposite Hose .....	          <b>.3</b>          <b>.1</b>







**W-8** CHASSIS ELECTRICAL







OPERATION NUMBER	CHASSIS ELECTRICAL	OPERATION TIMES
	OPERATION DESCRIPTION	
W8028 00	SOLENOID, AUXILIARY BATTERY (COWL) — REPLACE Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.3
W8031 00	SPEEDOMETER HEAD — REPLACE Applicable failure code: - Broken 01, seized 15, binds, sticks 52. ALL MODELS .....	.4
W8032 00	SWITCH, HEADLIGHT DIMMER — REPLACE Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.2
W8101 00	CONTAINER, WINDSHIELD WASHER SOLVENT — REMOVE AND REINSTALL Applicable failure code: - Broken 01, cracked 05, leaking 42. ALL MODELS .....	.2
W8111 00	MOTOR, WINDSHIELD WASHER — REMOVE AND REINSTALL Applicable failure code: - Broken 01, seized 15, leaking 42. ALL MODELS .....	.2
W8121 00	HORNS (ONE OR BOTH) — REPLACE Applicable failure code: - Broken 01, weak 33, electrical failures 50. ALL MODELS .....	.2
W8201 00	SEALED BEAM, HEADLIGHT — REPLACE Applicable failure code: - Broken 01, cracked 05, burned 14, electrical failures 50. ALL MODELS .....	.2
W8211 00	LAMP ASSEMBLY, TAIL AND STOP — REPLACE Applicable failure code: - Broken 01, cracked 05, burned 14, electrical failures 50. ALL MODELS .....	.2
W8221 00	TAIL LAMP LENS AND/OR GASKET AND/OR BULB — REPLACE Applicable failure code: - Broken 01, loose 27, part omitted 29, electrical failures 50. ALL MODELS .....	.2
W8231 00	MARKER LAMP ASSEMBLY AND/OR BULB — REPLACE Applicable failure code: - Broken 01, cracked 05, loose 27, part omitted 29, electrical failures 50. ALL MODELS .....	.2







OPERATION NUMBER	CHASSIS ELECTRICAL	OPERATION TIMES
	OPERATION DESCRIPTION	
W8341 00	<b>IGNITION SWITCH LOCK CYLINDER AND/OR BUZZER SWITCH — REPLACE</b>	
	Applicable failure code: - Broken 01, loose 27, electrical failures 50, binds, sticks 52, part improperly installed 58.	
	ALL MODELS .....	.5
	ADD: If Equipped With Tilt Column And Cruise Control .....	.1
W8351 00	<b>SENDING UNIT, ENGINE WATER TEMPERATURE REPLACE</b>	
	INCLUDES:- Test unit. Applicable failure code: - Stripped 03, part omitted 29, leaking 42, electrical failures 50, wrong part 54.	
	ALL MODELS .....	.3
W8401 00	<b>BATTERY CABLES — REPLACE</b>	
	Applicable failure code: - Broken 01, worn 06, electrical failures 50.	
	POSITIVE CABLE FRONT BATTERY .....	.2
	NEGATIVE CABLE FRONT BATTERY .....	.2
	POSITIVE CABLE REAR BATTERY .....	.2
W8411 00	<b>BATTERY TRAY OR SUPPORT — REMOVE AND REINSTALL</b>	
	Applicable failure code: - Broken 01, cracked 05, bent 11.	
	ALL MODELS .....	.6
W8421 00	<b>BATTERY (FRONT) — REMOVE AND REINSTALL</b>	
	Applicable failure code: - Broken 01, cracked 05, electrical failures 50.	
	ALL MODELS .....	.3
	ADD: To Replace Rear Battery .....	.1
W8431 00	<b>BATTERY RETAINER AND/OR "J" BOLTS — REPLACE</b>	
	Applicable failure code: - Broken 01, bent 11, part omitted 29.	
	FRONT BATTERY .....	.2
	REAR BATTERY .....	.2
W8511 26	<b>RADIO AND/OR TAPE DECK — REMOVE AND REINSTALL</b>	
	Applicable failure code: - Broken 01, vibrates 36, electrical failures 50.	
	ALL MODELS .....	.8











**Y-1** FRONT SUSP., FINAL  
DRIVE, & WHEELS



OPERATION NUMBER	FRONT SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
Y1000 10  Y1001 10 Y1002 10	<b>LOWER CONTROL ARM ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, weld broken 02, bent 11, loose 27.	
	Both Sides	
	ALL MODELS .....	2.1
	Right Side	
	Left Side	
	ALL MODELS .....	1.1
Y1000 20  Y1001 20 Y1002 20	<b>LOWER CONTROL ARM BUSHINGS — REPLACE</b> Applicable failure code: - Broken 01, stripped 03, seized 15, loose 27, part omitted 29.	
	Both Sides	
	ALL MODELS .....	1.9
	Right Side	
	Left Side	
	ALL MODELS .....	1.0
Y1020 10  Y1021 10 Y1022 10	<b>UPPER CONTROL ARM BALL JOINT — REPLACE</b> Applicable failure code: - Broken 01, stripped 03, worn 06, bent 11, loose 27, binds or sticks 52.	
	Both Sides	
	ALL MODELS .....	1.5
	Right Side	
	Left Side	
	ALL MODELS .....	.8
Y1020 20  Y1021 20 Y1022 20	<b>UPPER CONTROL ARM BALL JOINT SEAL — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, leaking 42.	
	Both Sides	
	ALL MODELS .....	1.5
	Right Side	
	Left Side	
	ALL MODELS .....	.8
Y1030 10  Y1031 10 Y1032 10	<b>LOWER BALL JOINT — REPLACE</b> Applicable failure code: - Broken 01, stripped 03, worn 06, bent 11, binds or sticks 52.	
	Both Sides	
	ALL MODELS .....	2.1
	Right Side	
	Left Side	
	ALL MODELS .....	1.1



OPERATION NUMBER	FRONT SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
Y1030 20	<b>LOWER BALL JOINT SEAL — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, leaking 42.</i> <b>Both Sides</b> ALL MODELS .....	2.1
Y1031 20	<b>Right Side</b>	
Y1032 20	<b>Left Side</b> ALL MODELS .....	1.1
Y1100 10	<b>FRONT TORSION BAR AND/OR ADJUSTING ARM — REPLACE</b> INCLUDES:- Adjust carrying height. Applicable failure code: - <i>Broken 01, weak 33, noisy 40, incorrect part 54.</i> <b>Both Sides</b> ALL MODELS .....	1.3
Y1101 10	<b>Right Side</b>	
Y1102 10	<b>Left Side</b> ALL MODELS .....	1.0
Y1103 00	<b>FRONT TORSION BAR SUPPORT MEMBER INSULATOR — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, loose 27, part omitted 29.</i> ALL MODELS (ONE OR BOTH) .....	.3
Y1104 00	<b>FRONT TORSION BAR SUPPORT MEMBER — REPLACE</b> INCLUDES:- Adjust carrying height. Applicable failure code: - <i>Broken 01, cracked 05.</i> ALL MODELS .....	1.2
Y1140 10	<b>UPPER CONTROL ARM ASSEMBLY — REPLACE</b> INCLUDES:- Check caster, camber and toe-in. Applicable failure code: - <i>Broken 01, weld broken 02, bent 11, loose 27.</i> <b>Both Sides</b> ALL MODELS .....	2.4
Y1141 10	<b>Right Side</b>	
Y1142 10	<b>Left Side</b> ALL MODELS .....	1.3
	<b>ADD:</b>	
	To Replace Pivot Shaft And/Or Bushings (Each Side) .....	.2
	To Adjust Wheel Alignment .....	.6



OPERATION NUMBER	FRONT SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
Y1040 20	<b>UPPER CONTROL ARM BUSHINGS AND/OR SHAFT — REPLACE</b> INCLUDES:- Check caster, camber and toe-in. Applicable failure code: - Broken 01, stripped 03, seized 15, loose 27, part omitted 29.	
	Both Sides	
	ALL MODELS .....	2.6
	Y1041 20 Right Side	
	Y1042 20 Left Side	
Y1042 20	ALL MODELS .....	1.4
	ADD:	
	To Adjust Wheel Alignment.....	.6
Y1210 00	<b>FRONT SHOCK ABSORBER — REPLACE</b> Applicable failure code: - Broken 01, weak 33, noisy 40, leaking 42, incorrect part 54.	
	Both Sides	
	ALL MODELS .....	.7
	Y1211 00 Right Side	
	Y1212 00 Left Side	
Y1212 00	ALL MODELS .....	.4
Y1310 00	<b>FRONT STABILIZER SHAFT — REPLACE</b> Applicable failure code: - Broken 01, bent 11, loose 27, part omitted 29.	
	ALL MODELS .....	.6
Y1311 00	<b>FRONT STABILIZER SHAFT LINK OR LINK BUSHINGS — REPLACE</b> Applicable failure code: - Broken 01, loose 27, part omitted 29, noisy 40, part improperly installed 58.	
	ALL MODELS (ONE).....	.3
	ALL MODELS (BOTH).....	.5
Y1312 00	<b>STABILIZER SHAFT BUSHINGS AND BRACKETS — REPLACE</b> Applicable failure code: - Broken 01, worn 06, loose 27, part omitted 29, noisy 40.	
	ALL MODELS (ONE SIDE).....	.4
	ALL MODELS (BOTH SIDES).....	.7
Y1410 00	<b>STEERING KNUCKLE INNER DUST SEAL — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, leaking 42.	
	Both Sides	
	ALL MODELS .....	2.1
	Y1411 00 Right Side	
	Y1412 00 Left Side	
Y1412 00	ALL MODELS .....	1.1



OPERATION NUMBER	FRONT SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
Y1420 00  Y1421 00 Y1422 00	<b>INTEGRAL KNUCKLE AND STEERING ARM — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, bent 11.</i> <b>Both Sides</b>	
	ALL MODELS .....	3.5
	<b>Right Side</b>	
	<b>Left Side</b>	
	ALL MODELS .....	1.7
Y1510 00  Y1511 00 Y1512 00	<b>FRONT WHEEL BEARING ASSEMBLY — REPLACE</b> INCLUDES:- Replace oil seal. Applicable failure code: - <i>Broken 01, worn 06, scored 07, seized 15, noisy 40.</i> <b>Both Sides</b>	
	ALL MODELS .....	3.3
	<b>Right Side</b>	
	<b>Left Side</b>	
	ALL MODELS .....	1.7
Y1510 40  Y1513 40 Y1514 40	<b>FRONT WHEEL HUB — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, loose 27.</i> <b>Both Sides</b>	
	ALL MODELS .....	3.5
	<b>Right Side</b>	
	<b>Left Side</b>	
	ALL MODELS .....	1.8
Y1600 26	<b>FINAL DRIVE — REMOVE AND REINSTALL OR REPLACE</b> Applicable failure code: - <i>Worn 06, vibrates 36, noisy 40, leaks 42, insufficient lubrication 68.</i>	
	ALL MODELS .....	1.8
	<b>ADD:</b>	
	To Overhaul Final Drive .....	1.7
	To Replace Pinion Oil Seals .....	.2
	To Replace Rear Pinion Bearings .....	.2
	To Replace Side Bearings (One Or Both).....	.3
	To Replace Ring Gear And Pinion .....	.5
	(INCLUDES:- Remove And Reinstall Rear Pinion Bearings).	
	To Replace Front And Rear Pinion Bearing Race (Each).....	.1
	To Replace Output Shaft Seals (Both) .....	.2
	To Replace Pinion Shaft, Pinion Gears And Side Gears .....	.5
	(INCLUDES:- Remove And Reinstall Ring Gear).	
	To Replace Case .....	.7
	(INCLUDES:- Remove And Reinstall Ring Gear And Pinion, Pinion Shaft, Pinion Gears And Side Gears).	
	Total Overhaul Time Not To Exceed .....	1.1



OPERATION NUMBER	FRONT SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
Y1600 10	<b>FINAL DRIVE COVER AND/OR GASKET — REPLACE</b> Applicable failure code: - <i>Bent 11, leaks 42.</i> ALL MODELS .....	.4
Y1600 20	<b>OUTPUT SHAFT — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, vibrates 36.</i> Both Sides ALL MODELS .....	1.5
Y1601 20	Right Side ALL MODELS .....	.5
Y1602 20	Left Side ALL MODELS .....	1.1
	ADD: To Replace Bearing And/Or Retainer (Right Side Only) .....	.3
	To Replace Output Shaft Seal (Each Side) .....	.1
Y1600 30	<b>FINAL DRIVE OUTPUT SHAFT SEALS — REPLACE</b> Applicable failure code: - <i>Cracked 05, leaks 42,</i> <i>part improperly installed 58.</i> Both Sides ALL MODELS .....	1.7
Y1601 30	Right Side ALL MODELS .....	.6
Y1602 30	Left Side ALL MODELS .....	1.2
Y1700 00	<b>AXLE SHAFT ASSEMBLY — REMOVE AND REINSTALL</b> Applicable failure code: - <i>Broken 01, bent 11, vibrates 36.</i> Both Sides ALL MODELS .....	1.5
Y1701 00	Right Side ALL MODELS .....	.6
Y1702 00	Left Side ALL MODELS .....	1.0
	ADD: To Replace Each Housing Cover And 'O' Ring .....	.2
	To Remove And Reinstall, Overhaul Or Repack Each Outer Constant Velocity Joint .....	.5
	To Remove And Reinstall, Overhaul Or Repack Each Inner Constant Velocity Joint .....	.9
	To Replace Each Axle Shaft .....	1.4
	(INCLUDES:- Inner And Outer Joints).	
Y1520 00	<b>WHEEL AND/OR TIRE (ONE) — REPLACE</b> Applicable failure code: - <i>Weld broken 02, torn 04, cracked 05,</i> <i>bent 11, out of round 35, leaks 42, incorrect part 54.</i> ALL MODELS .....	.3



OPERATION NUMBER	FRONT SUSPENSION	
	OPERATION DESCRIPTION	OPERATION TIMES
Y1530 00	<b>VALVE STEM (ONE) — REPLACE</b> Applicable failure code: - <i>Torn 04, not seating 38, leaks 42.</i> ALL MODELS .....	.4
Y1810 00	<b>SPARE TIRE HOLD DOWN PARTS AND/OR COVER — REPLACE</b> Applicable failure code: - <i>Broken 01, weld broken 02, torn 04, stained 10, bent 11, part omitted 29, incorrect part 54.</i> ALL MODELS .....	.2
Y1820 00	<b>JACK OR JACK HANDLE — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, part omitted 29, inoperative 56.</i> ALL MODELS .....	.2
Y1516 50 Y1517 60	<b>FRONT WHEEL MOUNTING STUD — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, loose 27, part omitted 29.</i> Right Side Left Side ALL MODELS (ONE OR TWO STUDS) ..... <b>ADD:</b> For Each Additional Stud .....	1.9    .1
Y1910 00 Y1911 00 Y1912 00 Y1920 00 Y1921 00 Y1922 00	<b>REAR WHEEL STUD — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, loose 27, part omitted 29.</i> Both Sides ALL MODELS (FRONT REAR WHEELS) ..... Right Side Left Side ALL MODELS (FRONT REAR WHEELS) ..... Both Sides ALL MODELS (REAR REAR WHEELS) ..... Right Side Left Side ALL MODELS (REAR REAR WHEELS) ..... <b>ADD:</b> For Each Additional Stud .....	1.3    .7  1.3  .7  .1



**Y-2** ENGINE



OPERATION NUMBER	V-8 ENGINE	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2000 00	<b>INTAKE MANIFOLD — REPLACE</b>	
	INCLUDES:- Transfer carburetor and parts not furnished and make necessary adjustments.	
	Applicable failure code: - <i>Cracked 05, foreign material 12, porous 30, poor machining 31.</i>	
	ALL MODELS ..... ADD: If Equipped With Air Conditioning - All Series .....	1.7   .3
Y2001 00	<b>INTAKE MANIFOLD GASKET — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, torn or punctured 04, part omitted 29, leaks 42, part improperly installed 58.</i>	
	ALL MODELS ..... ADD: If Equipped With Air Conditioning .....	1.4  .3
Y2011 00	<b>EXHAUST MANIFOLD AND/OR GASKET — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, cracked 05, foreign material present 12, burned 14, porosity 30, poor machining 31, leaks 42, part improperly installed 58.</i>	
	Right Side ALL MODELS .....	.7
	Y2012 00 Left Side ALL MODELS .....	.5
Y2020 00	<b>ROCKER ARM COVER AND/OR GASKET — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, torn 04, cracked 05, worn 06, scored 07, bent 11, poor machining 31, leaks 42.</i>	
	Both Sides ALL MODELS .....	.7
	Y2021 00 Right Side ALL MODELS .....	.5
	Y2022 00 Left Side ALL MODELS .....	.4
	ADD: For Left Side If Equipped With Air Conditioning.....	.1
	For Right Side If Equipped With Air Conditioning .....	.3
	To Replace Rocker Arms And/Or Push Rods (One Or All Each Bank).....	.2
	To Replace Valve Springs, Seals, Retainers And/Or Rotators (Each Cylinder).....	.2
	(INCLUDES:- Remove And Reinstall Rocker Arms).	



OPERATION NUMBER	V-8 ENGINE	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2110 00 Y2111 00 Y2112 00	<b>CYLINDER HEAD GASKET — REPLACE</b> INCLUDES:- Remove and reinstall rocker cover, baffle, loosen rocker arms and remove and reinstall push rods, intake manifold, push rod cover, lifters, clean carbon and make all necessary adjustments. <b>Applicable failure code:</b> - <i>Broken 01, cracked 05, scored 07, burned 14, poor machining 31, leaks 42.</i>	
	<b>Both Sides</b> <b>ALL MODELS</b> .....	5.6
	<b>Right Side</b> <b>Left Side</b> <b>ALL MODELS</b> .....	4.1
	<b>ADD:</b> With Air Conditioning (Right Side Only) .....	.4
Y2110 78 Y2111 78 Y2112 78	<b>VALVES — REPLACE OR RECONDITION</b> <i>Replacement Or Reconditioning Of More Than One Valve Requires Prior Zone Approval.</i> INCLUDES:- Remove and reinstall intake manifold, rocker cover, rocker arms, push rods, cylinder head, grind valve seats and replace valve seals. <b>Applicable failure code:</b> - <i>Broken 01, worn 06, bent 11, burned 14, poor machining 31, does not seat 38.</i>	
	<b>Both Sides (Remove And Reinstall Or Replace One Valve)</b> <b>ALL MODELS</b> .....	6.0
	<b>Right Side (Remove And Reinstall Or Replace One Valve)</b> <b>Left Side (Remove And Reinstall Or Replace One Valve)</b> <b>ALL MODELS</b> .....	4.3
	<b>ADD:</b> If Equipped With Air Conditioning .....	.4
	To Remove And Reinstall Or Replace Each Additional Valve.....	.1
	(INCLUDES:- Recondition Valve Seat). To Recondition All Valves (Each Side).....	.4
	To Ream And Fit Oversize Valves (Each Two Valve Guides).....	.1
	To Test Compression (All Cylinders).....	.4



OPERATION NUMBER	V-8 ENGINE	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2120 00	<b>VALVE LIFTER (ONE OR TWO) — REPLACE</b>	
	INCLUDES:- Remove and reinstall intake manifold, rocker cover, push rods, push rod cover, adjust valves.	
	Applicable failure code: - <i>Broken 01, worn 06, scored 07, foreign material present 12, seized 15, noisy 40, collapsed 66.</i>	
	ALL MODELS ..... 1.9	
	ADD:	
	If Equipped With Air Conditioning ..... .3	
Y2121 78	To Clean And Test Lifters -	
	(INCLUDES:- Disassemble, Clean, Assemble And Check Leak Down Rate).	
	One..... .4	
	Two ..... .6	
	<b>VALVE LIFTERS (THREE OR MORE) — REPLACE</b>	
	<i>Replace Of More Than Two Lifters Requires Prior Zone Approval.</i>	
Y2125 00	INCLUDES:- Remove and reinstall intake manifold, rocker cover, push rods, push rod cover, adjust valves.	
	Applicable failure code: - <i>Broken 01, worn 06, scored or scratched 07, foreign material present 12, seized 15, noisy 40, collapsed 66.</i>	
	ALL MODELS (ONE SIDE)..... 2.1	
	ADD:	
	If Equipped With Air Conditioning ..... .3	
	To Replace Remaining Lifters On Opposite Bank ..... .5	
	To Clean And Test Lifters -	
	(INCLUDES:- Disassemble, Clean, Assemble, And Check Leak Down Rate).	
	One..... .4	
	Two ..... .6	
	Three ..... .8	
	Four..... 1.1	
	All - Each Bank..... 2.0	
	<b>CRANKSHAFT DRIVE BELT PULLEY — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, loose 27, out of balance 34, part improperly installed 58.</i>	
Y2325 00	ALL MODELS ..... .7	
	ADD:	
Y2325 00	If Equipped With Air Conditioning ..... .2	



OPERATION NUMBER	V-8 ENGINE	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2135 00	<b>HARMONIC BALANCER — REPLACE</b> INCLUDES:- Crankshaft pulley. Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, loose 27, out of balance 34, leaks 42.</i> ALL MODELS ..... ADD: To Replace Timing Cover Oil Seal.....	1.0     .1
Y2137 00	<b>TIMING COVER OIL SEAL — REPLACE</b> INCLUDES:- Remove and reinstall harmonic balancer. Applicable failure code: - <i>Torn or punctured 04, cracked 05, worn 06, leaking 42.</i> ALL MODELS .....	1.1
Y2139 00	<b>TIMING CHAIN OR GEAR COVER GASKET — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, torn or punctured 04, cracked 05, worn 06, bent 11, leaks 42, part improperly installed 58.</i> E SERIES ..... ADD: If Equipped With Air Conditioning ..... If Equipped With Cruise Control ..... To Replace Cover Assembly..... (INCLUDES:- Transfer Water Pump). To Replace Timing Chain And/Or Gears .....	9.6   .5 .2 .2  .3
Y2685 00	<b>FUEL PUMP ECCENTRIC — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, noisy 40, pitted 49.</i> ALL MODELS ..... ADD: If Equipped With Air Conditioning .....	9.7   .5
Y2143 00	<b>CAMSHAFT — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, scored 07, poor machining 31, noisy 40, improper clearance 62.</i> ALL MODELS ..... ADD: If Equipped With Air Conditioning .....	- 12.2   .5
Y2145 78	<b>CAMSHAFT REAR BEARING END PLUG AND/OR OIL GALLERY PLUG — REPLACE</b> Applicable failure code: - <i>Loose 27, part omitted 29, leaks 42.</i> ALL MODELS .....	3.7



OPERATION NUMBER	V-8 ENGINE	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2151 00	<b>ENGINE OIL PAN AND/OR GASKET — REPLACE</b> Applicable failure code: - Broken 01, torn or punctured 04, bent 11, poor machining 31, noisy 40, leaks 42, incorrect pressure 61. <b>ALL MODELS .....</b>	6.0
Y2152 00	<b>OIL FILTER ASSEMBLY — REPLACE</b> Applicable failure code: - Foreign material present 12, leaks 42, part improperly installed 58. <b>ALL MODELS .....</b>	.3
Y2154 00	<b>OIL FILTER BASE OR SUPPORT — REPLACE</b> INCLUDES:- Remove and reinstall oil filter. Applicable failure code: - Broken 01, cracked 05, poor machining 31, part improperly installed 58. <b>ALL MODELS .....</b>	.4
Y2156 00	<b>OIL LEVEL DIPSTICK — REPLACE</b> Applicable failure code: - Broken 01, bent 11, part omitted 29, wrong part 54. <b>ALL MODELS .....</b>	.2
Y2158 00	<b>OIL LEVEL DIPSTICK TUBE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, bent 11, part omitted 29, wrong part 54. <b>ALL MODELS .....</b>	.7
Y2161 00	<b>OIL FILLER TUBE — REPLACE</b> Applicable failure code: - Broken 01, bent 11, leaks 42. <b>ALL MODELS .....</b>	.3
	<b>ADD:</b> To Replace Filler Neck And/Or Bracket.....	.4
Y2162 00	<b>OIL FILLER CAP — REPLACE</b> Applicable failure code: - Broken 01, bent 11, chrome plating defective 24, part omitted 29, wrong part 54. <b>ALL MODELS .....</b>	.2



OPERATION	V-8 ENGINE	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
Y2201 00  Y2202 00	<b>CRANKSHAFT MAIN BEARINGS — REPLACE</b>	
	Applicable failure code: - <i>Worn 06, scored 07, seized 15, noisy 40, improper clearance 62.</i>	
	<b>ANY ONE (EXCEPT REAR)</b>	
	<b>ALL MODELS .....</b>	<b>8.9</b>
	<b>REAR</b>	
	<b>ALL MODELS .....</b>	<b>9.0</b>
	<b>ADD:</b>	
	If Equipped With Air Conditioning .....	.5
Y2201 10	<b>REAR MAIN BEARING OIL SEAL — REPLACE OR REPACK</b>	
	Applicable failure code: - <i>Torn or punctured 04, leaks 42, part improperly installed 58.</i>	
	<b>ALL MODELS .....</b>	<b>8.9</b>
	<b>ADD:</b>	
	If Equipped With Air Conditioning .....	.5
	To Replace Rear Main Upper Seal .....	.3
Y2205 00	<b>CONNECTING ROD BEARING (ONE) — REPLACE</b>	
	Applicable failure code: - <i>Worn 06, scored 07, seized 15, noisy 40, improper clearance 62.</i>	
	<b>ALL MODELS .....</b>	<b>8.7</b>
	<b>ADD:</b>	
	If Equipped With Air Conditioning .....	.5
	To Replace Each Additional Rod Bearing .....	.2
Y2200 00	<b>CRANKSHAFT — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, worn 06, scored 06, poor machining 31, out of balance 34, not drilled 53.</i>	
	<b>ALL MODELS .....</b>	<b>11.0</b>
	<b>ADD:</b>	
	If Equipped With Air Conditioning .....	.5
	If Equipped With Cruise Control .....	.2



OPERATION NUMBER	V-8 ENGINE OPERATION DESCRIPTION	OPERATION TIMES
	<b>PISTON AND ROD ASSEMBLY — REMOVE AND REINSTALL</b> Applicable failure code: - <i>Broken 01, cracked 05, scored 07, burned 14, noisy 40, binds 52, improper clearance 62, poor oil mileage 69.</i>	
Y2221 00	Right Bank (One)	
Y2222 00	Left Bank (One)	
Y2220 00	ALL MODELS ..... One Each Bank	- 11.2
	ALL MODELS ..... ADD:	- 12.5
	If Equipped With Air Conditioning .....	.5
	If Equipped With Cruise Control .....	.2
	To Remove And Reinstall Each Additional Piston And Rod Assembly .....	.2
	To Replace Rings - Each Piston .....	.2
	To Replace Each Rod And/Or Piston Pin .....	.1
	To Replace Each Piston .....	.3
	(INCLUDES:- Previous Two Additions). To Test Compression (All Cylinders) .....	.4
	<b>CYLINDER BLOCK EXPANSION PLUG — REPLACE</b> NOTE:- If necessary to remove and reinstall any other component to replace an expansion plug, use appropriate operation numbers. Applicable failure code: - <i>Cracked 05, loose 27, part omitted 29, leaks 42.</i>	
Y2231 00	Right Side	
Y2232 00	Left Side	
	ALL MODELS .....	.5
Y2234 00	<b>FLEXPLATE — REPLACE</b> Applicable failure code: - <i>Stripped 03, cracked 05, scored 07, chipped 09, poor machining 31, out of balance 34.</i>	
	ALL MODELS .....	3.4
Y2236 00	<b>FLEXPLATE COVER — REPLACE</b> Applicable failure code: - <i>Cracked 05, bent 11, part omitted 29.</i>	
	ALL MODELS .....	.3
Y2238 00	<b>ENGINE FRONT MOUNT — REPLACE</b> Applicable failure code: - <i>Broken 01, torn 04, bent 11, loose 27, part improperly installed 58.</i>	
	Both Sides	
	ALL MODELS (SINGLE FRONT MOUNT) .....	1.0
	ADD: To Replace Front Mount Support .....	.4



OPERATION	V-8 ENGINE	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
Y2240 00	<b>ENGINE REAR MOUNT — REPLACE</b> <i>Applicable failure code: - Broken 01, torn 04, bent 11, loose 27, part improperly installed 58.</i> <b>Both Sides</b> <b>ALL MODELS .....</b>	1.0
Y2241 00	<b>Right Side</b>	
Y2242 00	<b>Left Side</b> <b>ALL MODELS .....</b>	.7
Y2250 78	<b>CYLINDER BLOCK (PARTIAL ENGINE) — REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> INCLUDES:- Remove and replace engine, transfer and clean parts, clean carbon, make all necessary adjustments. <i>Applicable failure code: - Stripped 03, cracked 05, worn 06, scored 07, porosity 30, poor machining 31, not drilled 53.</i> <b>ALL MODELS .....</b> <b>ADD:</b> If Equipped With Air Conditioning ..... If Equipped With Cruise Control ..... To Test Compression (All Cylinders) .....	- 11.9     .5 .2 .4
Y2255 78	<b>CYLINDER BLOCK (FITTED) — REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> INCLUDES:- Remove and replace engine, transfer and clean parts, clean carbon, make all necessary adjustments. <i>Applicable failure code: - Cracked 05, worn 06, scored 07, porosity 30, poor machining 31, not drilled 53.</i> <b>ALL MODELS .....</b> <b>ADD:</b> If Equipped With Air Conditioning ..... If Equipped With Cruise Control ..... To Test Compression (All Cylinders) .....	- 14.5     .5 .2 .4



OPERATION NUMBER	RADIATOR AND ENGINE COOLING	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2301 00	<b>THERMOSTAT WATER OUTLET — REPLACE</b>	
	INCLUDES:- Drain and refill radiator as necessary. Applicable failure code: - <i>Broken 01, cracked 05, part omitted 29, porosity 30, poor machining 31, leaking 42, part improperly installed 58.</i>	
	ALL MODELS ..... .5	
	ADD: To Replace Upper Radiator Hose..... .1	
Y2311 00	<b>WATER PUMP ASSEMBLY AND/OR GASKET — REPLACE</b>	
	Applicable failure code: - <i>Cracked 05, porosity 30, noisy 40, leaking 42.</i> ALL MODELS ..... 1.3	
Y2321 00	<b>GENERATOR BELT — REPLACE</b>	
	INCLUDES:- Adjust belt. Applicable failure code: - <i>Broken 01, cracked 05, worn 06, misadjusted 26, noisy 40.</i>	
	ALL MODELS ..... .6	
	ADD: If Equipped With Air Conditioning ..... .2	
Y2322 00	<b>POWER STEERING BELT — REPLACE</b>	
	INCLUDES:- Adjust belt. Applicable failure code: - <i>Broken 01, cracked 05, worn 06.</i>	
	ALL MODELS ..... .5	
	ADD: If Equipped With Air Conditioning ..... .2	
Y2325 00	<b>CRANKSHAFT DRIVE BELT PULLEY — REPLACE</b>	
	Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, loose 27, out of balance 34, part improperly installed 58.</i>	
	ALL MODELS ..... .7	
	ADD: If Equipped With Air Conditioning ..... .2	
Y2328 00	<b>THERMOSTAT AND/OR GASKET — REPLACE</b>	
	INCLUDES:- Drain and refill radiator as necessary. Applicable failure code: - <i>Broken 01, cracked 05, part omitted 29, porosity 30, poor machining 31, leaking 42, binds or sticks 52, part improperly installed 58.</i>	
	ALL MODELS ..... .6	
	ADD: To Replace Upper Radiator Hose..... .1	







OPERATION NUMBER	RADIATOR AND ENGINE COOLING OPERATION DESCRIPTION	OPERATION TIMES
Y2361 00	<b>OVERFLOW TUBE — REPLACE</b> Applicable failure code: - Broken 01, bent 11, loose 27, <i>part omitted 29, leaks 42.</i> ALL MODELS .....	.2
Y2365 00	<b>RADIATOR FAN SHROUD — REPLACE</b> INCLUDES:- Remove and replace fan blade as necessary. Applicable failure code: - Broken 01, bent 11, loose 27, <i>part omitted 29.</i> ALL MODELS .....	.7
Y2371 00	<b>RADIATOR SHROUD VENTURI RING — REPLACE</b> Applicable failure code: - Broken 01, bent 11, noisy 40, <i>part improperly installed 58.</i> ALL MODELS .....	.8
Y2372 00	<b>RADIATOR SHROUD VENTURI RING STRAP AND/OR SPRING — REPLACE</b> Applicable failure code: - Broken 01, bent 11, weak 33, <i>part improperly installed 58.</i> ALL MODELS .....	.2
Y2373 00	<b>RADIATOR SHROUD VENTURI RING SEAL — REPLACE</b> Applicable failure code: - Broken 01, torn or punctured 04, <i>loose 27, part improperly installed 58.</i> ALL MODELS .....	.8
Y2381 00	<b>FAN BLADE — REPLACE</b> Applicable failure code: - Broken 01, bent 11, loose 27, <i>poor machining 31, vibrates 36, incorrect part 54.</i> ALL MODELS .....	.7
Y2385 00	<b>FAN PULLEY — REPLACE</b> Applicable failure code: - Broken 01, bent 11, loose 27, <i>poor machining 31, out of balance 34.</i> ALL MODELS .....	.8
Y2371 00	<b>FAN CLUTCH ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, bent 11, loose 27, <i>poor machining 31, out of balance 34.</i> ALL MODELS .....	.7







OPERATION NUMBER	ENGINE ELECTRICAL	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2501 26	<b>STARTER MOTOR AND DRIVE ASSEMBLY — REMOVE AND REINSTALL</b>	
	INCLUDES:- Replace solenoid if necessary.	
	Applicable failure code: - Broken 01, worn 06, chipped 09, foreign material 12, seized 15, noisy 40, electrical failures 50, binds or sticks 52, inoperative 56, part improperly installed 58.	
	ALL MODELS .....	.7
	ADD:	
	To Replace Starter Drive Assembly And/Or Lever And/Or Drive Housing .....	.3
	To Overhaul .....	.8
	(INCLUDES:- All Of The Above Additons).	
Y2510 26	To Turn Old Armature Commutator .....	.2
	To Replace Field Coils .....	.2
	<b>DELCOTRON (INTEGRAL) ASSEMBLY — REPLACE</b>	
	INCLUDES:- Transfer pulley and fan.	
	<b>Assembly Replacement Requires Prior Zone Approval.</b>	
	Applicable failure code: - Broken 01, electrical failures 50, incorrect part 54, inoperative 56, part improperly installed 58.	
	ALL MODELS .....	.5
Y2511 00	<b>DELCOTRON — DISASSEMBLE, INSPECT, TEST AND REASSEMBLE</b>	
	INCLUDES:- Remove and reinstall delcotron, separate end frames, clean and inspect parts, adjust belt.	
	Applicable failure code: - Broken 01, worn 06, seized 15, noisy 40, electrical failures 50, binds or sticks 52, part improperly installed 58.	
	ALL MODELS .....	.6
	ADD:	
	To Replace Diode Trio .....	.1
	(INCLUDES:- Electrical Checks).	
	To Replace Condenser And/Or Battery Terminal.....	.1
	To Replace Regulator And/Or Brushes .....	.2
	To Replace Pulley, Fan And/Or Rotor.....	.2
	To Overhaul Completely (Except Replace Bearings).....	.7
	(INCLUDES:- All Of The Above Additions).	
	To Replace End Frame Bearings (Each).....	.1



OPERATION NUMBER	ENGINE ELECTRICAL	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2520 00	<b>DELCOTRON BEARINGS — REPLACE</b> INCLUDES:- Remove and reinstall, disassemble and reassemble delcotron. Applicable failure code: - <i>Broken 01, seized 15, noisy 40.</i> <b>BOTH</b> ALL SERIES.....	.7
Y2521 00	<b>FRONT</b>	
Y2522 00	<b>REAR</b> ALL SERIES.....	.6
Y2531 00	<b>DELCOTRON MOUNTING BRACKET — REPLACE</b> INCLUDES:- Disconnect and connect delcotron. Adjust belts. Applicable failure code: - <i>Broken 01, bent 11, loose 27, part omitted 29, incorrect part 54.</i> <b>BRACKET, LINK AND/OR STRUT</b> ALL MODELS .....	.5
Y2535 00	<b>DELCOTRON PULLEY AND/OR FAN — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, bent 11, misaligned 25, loose 27.</i> ALL MODELS .....	.4
Y2541 00	<b>VOLTAGE REGULATOR — TEST AND REPLACE</b> INCLUDES:- Remove and reinstall, disassemble and reassemble delcotron. Applicable failure code: - <i>Broken 01, foreign material 12, misadjusted 26, electrical failures 50, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.7
Y2545 00	<b>IGNITION COIL — REPLACE</b> INCLUDES:- Test coil. Applicable failure code: - <i>Cracked 05, burned 14, electrical failures 50, part improperly installed 58.</i> ALL MODELS .....	.4
Y2551 00	<b>DISTRIBUTOR CAP AND/OR ROTOR — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, electrical failures 50, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> To Replace Spark Plug Wires.....	.3 .1



OPERATION NUMBER	ENGINE ELECTRICAL	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2555 00	<b>DISTRIBUTOR POINTS AND/OR CONDENSER — REPLACE</b> INCLUDES:- Remove and reinstall distributor and set dwell and timing. Applicable failure code: - <i>Broken 01, worn 06, misaligned 25, misadjusted 26, electrical failures 50.</i> ALL MODELS .....	.5
Y2561 26	<b>DISTRIBUTOR ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - <i>Broken 01, foreign material 12, seized 15, misadjusted 26, electrical failures 50, binds or sticks 52, inoperative 56, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> To Overhaul Distributor Assembly ..... (INCLUDES:- Points, Condenser And Vacuum Advance).	.3 .5
Y2565 00	<b>VACUUM ADVANCE ASSEMBLY — REPLACE</b> INCLUDES:- Remove and reinstall distributor and set dwell and timing. Applicable failure code: - <i>Broken 01, foreign material 12, leaks 42, binds or sticks 52, part improperly installed 58.</i> ALL MODELS .....	.4
Y2571 00	<b>SPARK PLUG WIRE(S) — REPLACE</b> INCLUDES:- Replace secondary coil wire. Applicable failure code: - <i>Broken 01, cracked 05, electrical failures 50, part improperly installed 58.</i> ALL MODELS .....	.4
Y2575 00	<b>SPARK PLUGS — REPLACE</b> Applicable failure code: - <i>Broken 01, stripped 03, cracked 05, electrical failures 50, inoperative 56, part improperly installed</i> ALL MODELS .....	.8







OPERATION NUMBER	ENGINE FUEL	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2611 00	<b>CARBURETOR FLOATS — REPLACE</b> INCLUDES:- Remove and reinstall air horn assembly. Replace needle and seat if necessary. Applicable failure code: - <i>Bent 11, foreign material 12, misadjusted 26, leaks 42, binds or sticks 52.</i> ALL MODELS .....	.5
Y2611 10	<b>CARBURETOR NEEDLE AND SEAT — REPLACE</b> INCLUDES:- Remove and reinstall air horn assembly. Applicable failure code: - <i>Foreign material 12, loose 27, does not seat 38, binds or sticks 52, part improperly intalled 58.</i> ALL MODELS .....	.5
Y2611 20	<b>MAIN METERING RODS AND/OR JETS — REPLACE</b> INCLUDES:- Remove and reinstall air horn assembly. Applicable failure code: - <i>Foreign material 12, loose 27, part improperly installed 58, poor gasoline mileage 70.</i> ALL MODELS .....	.6
Y2611 30	<b>CARBURETOR FLOAT BOWL — REPLACE</b> INCLUDES:- Remove and reinstall carburetor assembly and throttle body. Applicable failure code: - <i>Cracked 05, porous 30, poor machining 31, leaks 42.</i> ALL MODELS .....	1.0
Y2611 40	<b>CARBURETOR ACCELERATOR PUMP — REPLACE</b> INCLUDES:- Remove and reinstall air horn assembly. Applicable failure code: - <i>Worn 06, foreign material 12, loose 27, leaks 42, flat spot or hesitates 47, binds or sticks 52.</i> ALL MODELS .....	.6
Y2621 00	<b>CARBURETOR FUEL FILTER — REPLACE</b> Applicable failure code: - <i>Part omitted 29, incorrect part 54, oil soaked 67.</i> ALL MODELS .....	.2
Y2625 26	<b>CARBURETOR AND/OR GASKET — REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - <i>Foreign material 12, leaks 42.</i> ALL MODELS .....	.5



OPERATION NUMBER	ENGINE FUEL	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2610 00	<b>CARBURETOR — OVERHAUL</b> INCLUDES:- Remove and reinstall carburetor, disassemble, clean and reassemble. Replace parts as necessary and make all necessary adjustments. Applicable failure code: - <i>Foreign material 12, part omitted 29, poor machining 31, leaks 42, binds or sticks 52, incorrect part 54, part improperly installed 58.</i> ALL MODELS .....	2.0
Y2631 00	<b>AUTOMATIC CHOKE ACTUATOR MECHANISM — REPLACE</b> Applicable failure code: - <i>Broken 01, foreign material 12, loose 27, weak 33, part improperly installed 58.</i> ALL MODELS .....	.2
Y2633 00	<b>AUTOMATIC CHOKE VACUUM DIAPHRAGM — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, misaligned 25, leaks 42, part improperly installed 58.</i> ALL MODELS .....	.2
Y2636 00	<b>ACCELERATOR PEDAL ROD SUPPORT AND ROD — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, binds, sticks 52.</i> ALL MODELS .....	.3
Y2641 00	<b>ACCELERATOR PEDAL — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, binds or sticks 52.</i> ALL MODELS .....	.2
Y2643 00	<b>ACCELERATOR CONTROL CABLE — REPLACE</b> Applicable failure code: - <i>Broken 01, misaligned 25, part improperly installed 58.</i> ALL MODELS .....	.3
Y2646 00	<b>ACCELERATOR PEDAL ROD SUPPORT GROMMET — REPLACE</b> Applicable failure code: - <i>Broken 01, misaligned 25, part improperly installed 58.</i> ALL MODELS .....	.2
Y2651 00	<b>AIR CLEANER ASSEMBLY — REPLACE</b> Applicable failure code: - <i>Broken 01, weld broken 02, cracked 05, foreign material 12, defective chrome 24, loose 27, noisy 40, part improperly installed 58.</i> ALL MODELS .....	.2



OPERATION NUMBER	ENGINE FUEL	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2653 00	<b>AIR CLEANER ELEMENT — REPLACE</b> Applicable failure code: - <i>Part omitted 29, incorrect part 54, oil soaked 67.</i> ALL MODELS .....	.2
Y2851 00	<b>AIR CLEANER VACUUM MOTOR ASSEMBLY — REPLACE</b> Applicable failure code: - <i>Broken 01, loose 27, weak 33, leaks 42, inoperative 56.</i> ALL MODELS .....	.3
Y2861 00	<b>AIR CLEANER TEMPERATURE SENSOR — REPLACE</b> Applicable failure code: - <i>Broken 01, loose 27, leaks 42, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.3
Y2865 00	<b>AIR PREHEATER SHROUD — REPLACE</b> Applicable failure code: - <i>Cracked 05, part omitted 29, part improperly installed 58.</i> ALL MODELS .....	.6
Y2871 00	<b>PIPE, SHROUD TO AIR CLEANER — REPLACE</b> Applicable failure code: - <i>Broken 01, torn or punctured 04, cracked 05, leaks 42, part improperly installed 58.</i> ALL MODELS .....	.2
Y2672 00	<b>AIR CLEANER HOSES AND/OR CONNECTORS — REPLACE</b> Applicable failure code: - <i>Broken 01, torn or punctured 04, cracked 05, part omitted 29, leaks 42, part improperly installed 58.</i> ALL MODELS .....	.2
Y2674 00	<b>ROCKER COVER FILTER/SILENCER — REPLACE</b> Applicable failure code: - <i>Broken 01, noisy 40, leaks 42, part improperly installed 58.</i> ALL MODELS .....	.2
Y2681 00	<b>FUEL PUMP ASSEMBLY — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, foreign material 12, weak 33, noisy 40, leaks 42, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.3



OPERATION	ENGINE FUEL	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
Y2685 00	<b>FUEL PUMP ECCENTRIC — REPLACE</b>	
	Applicable failure code: - Broken 01, worn 06, loose 27, noisy 40, pitted 49, part improperly installed 58.	
	ALL MODELS .....	9.7
	ADD: If Equipped With Air Conditioning .....	.5



OPERATION NUMBER	EMISSION CONTROL SYSTEM	OPERATION TIMES
	OPERATION DESCRIPTION	
Y2801 00	<b><i>Engine Ventilating System</i></b>	
	CRANKCASE VENTILATION VALVE ASSEMBLY (PCV) — REPLACE Applicable failure code: - Broken 01, leaks 42, binds or sticks 52, part improperly installed 58. ALL MODELS ..... .2	
Y2811 00	CRANKCASE VENTILATION HOSE — REPLACE Applicable failure code: - Broken 01, cracked 05, loose 27, part omitted 29, leaks 42, part improperly installed 58. ALL MODELS ..... .2	
Y2851 00	<b><i>Controlled Combustion System</i></b>	
	AIR CLEANER VACUUM MOTOR ASSEMBLY — REPLACE Applicable failure code: - Broken 01, loose 27, weak 33, leaks 42, inoperative 56. ALL MODELS ..... .3	
Y2861 00	AIR CLEANER TEMPERATURE SENSOR — REPLACE Applicable failure code: - Broken 01, loose 27, leaks 42, inoperative 56, part improperly installed 58. ALL MODELS ..... .3	
Y2865 00	AIR PREHEATER SHROUD — REPLACE Applicable failure code: - Cracked 05, part omitted 29, part improperly installed 58. ALL MODELS ..... .6	
Y2871 00	PIPE, SHROUD TO AIR CLEANER — REPLACE Applicable failure code: - Broken 01, torn or punctured 04, cracked 05, leaks 42, part improperly installed 58. ALL MODELS ..... .2	
Y2881 00	THERMAL VACUUM SWITCH — REPLACE Applicable failure code: - Broken 01, leaks 42, inoperative 56. ALL MODELS ..... .3	











OPERATION NUMBER	AUTOMATIC TRANSMISSION	OPERATION TIMES
	OPERATION DESCRIPTION	
Y3001 00	<b>TRANSMISSION SHIFT LEVER — R&amp;R</b> Applicable failure code: - Broken 01, worn 06, bent 11, loose 27, poor engagement 31, part improperly installed 58. ALL MODELS .....	.2
Y3011 00	<b>TRANSMISSION MANUAL LINKAGE — R&amp;R</b> INCLUDES:- Raise vehicle, adjust linkage, indicator needle and neutral start switch. Applicable failure code: - Broken 01, worn 06, bent 11, misadjusted 26, loose 27. ALL MODELS .....	.4
Y3012 00	<b>TRANSMISSION INDICATOR DIAL OR NEEDLE — R&amp;R</b> Applicable failure code: - Broken 01, worn 06. ALL MODELS .....	.2
Y3110 00	<b>SPEEDOMETER CABLE ASSEMBLY — R&amp;R</b> Applicable failure code: - Broken 01, stripped 03, loose 27, noisy 40. ALL MODELS .....	.9
Y3111 00	<b>SPEEDOMETER CABLE CORE — R&amp;R</b> Applicable failure code: - Broken 01, stripped 03, loose 27, noisy 40. ALL MODELS .....	.2
Y3121 00	<b>SPEEDOMETER GEARS — R&amp;R</b> Applicable failure code: - Broken 01, stripped 03, loose 27, noisy 40. ALL MODELS DRIVEN GEAR..... DRIVE GEAR..... (INCLUDES:- R&R Governor).	.2 .3
Y3145 00	<b>OIL COOLER LINES - FITTINGS — R&amp;R</b> Applicable failure code: - Broken 01, cracked 05, loose 27, leaks 42. ALL MODELS LINES (ONE OR BOTH) ..... FITTINGS (ONE OR BOTH) .....	.3 .2
Y3147 00	<b>OIL COOLER AND LINES — R&amp;R</b> Applicable failure code: - Broken 01, cracked 05, loose 27, leaks 42. ALL MODELS .....	.3



OPERATION NUMBER	AUTOMATIC TRANSMISSION	OPERATION TIMES
	OPERATION DESCRIPTION	
Y3152 00	<b>OIL PRESSURE CHECK — R&amp;R</b> Applicable failure code: - <i>Weak 33, shifts hard 43, slips out of gear 44.</i> ALL MODELS .....	.4
Y3155 00	<b>OIL FILLER PIPE AND/OR VALVE — R&amp;R</b> Applicable failure code: - <i>Broken 01, worn 06, bent 11, loose 27, poor machining 31, part improperly installed 58.</i> ALL MODELS .....	.2
Y3201 00	<b>GOVERNOR — R&amp;R</b> Applicable failure code: - <i>Broken 01, worn 06, bent 11, loose 27, poor machining 31, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> To Replace Gear.....	.2   .2
Y3211 00	<b>VACUUM MODULATOR AND/OR VALVE — R&amp;R</b> Applicable failure code: - <i>Broken 01, worn 06, bent 11, loose 27, poor machining 31, part improperly installed 58.</i> ALL MODELS .....	.3
Y3221 00	<b>CONTROL VALVE BODY AND/OR SEPARATOR PLATE — R&amp;R AND OVERHAUL</b> Applicable failure code: - <i>Broken 01, worn 06, loose 27, leaks 42.</i> ALL MODELS .....	1.4
Y3311 00	<b>OIL PAN GASKET AND/OR OIL CLEANER — R&amp;R</b> Applicable failure code: - <i>Broken 01, worn 06, loose 27, leaks 42.</i> ALL MODELS ..... <b>ADD:</b> To R&R T.C.S. Switch..... (INCLUDES:- Test Solenoid And Switch). To R&R Detent Lever, Shaft And/Or Seal ..... To R&R Parking Pawl And Shaft..... To R&R Detent Solenoid And/Or Connector ..... To R&R Pressure Regulator Valve.....	.5   .2  .3 .1 .1 .1
Y3321 00	<b>SERVO, FRONT AND REAR (ONE OR BOTH) — R&amp;R</b> Applicable failure code: - <i>Broken 01, worn 06, bent 11, loose 27, poor machining 31, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> To Overhaul Control Valve Body.....	1.4  .8



OPERATION NUMBER	AUTOMATIC TRANSMISSION	OPERATION TIMES
	OPERATION DESCRIPTION	
Y3501 26	<p><b>TRANSMISSION ASSEMBLY — REPLACE OR REMOVE AND REINSTALL</b></p> <p><i>Assembly Replacement Requires Prior Zone Approval.</i></p> <p>INCLUDES:- Raise and lower vehicle on hoist, mount transmission in fixture and make necessary adjustments.</p> <p>Applicable failure code: - Broken 01, cracked 05, foreign material present 12, burned 14, porosity 30, vibrates 36, noisy 40.</p> <p>ALL MODELS ..... 3.6</p> <p>ADD:</p> <p>To Replace Flexplate ..... .2</p> <p>To Drain And Leak Check Converter ..... .2</p>	
Y3601 00	<p><b>CONVERTER ASSEMBLY — REPLACE</b></p> <p>INCLUDES:- Remove and reinstall transmission, check pressure and end play of converter. Replace oil pump front seal if necessary.</p> <p>Applicable failure code: - Weld broken 02, cracked 05, bent 11, out of balance 34, noisy 40, leaking 42.</p> <p>ALL MODELS ..... 3.8</p>	
Y3711 00	<p><b>OIL PUMP FRONT SEAL — REPLACE</b></p> <p>INCLUDES:- Remove and reinstall transmission and converter.</p> <p>Applicable failure code: - Broken 01, cracked 05, part omitted 29, leaking 42.</p> <p>ALL MODELS ..... 3.7</p>	
Y3711 26	<p><b>OIL PUMP ASSEMBLY — REMOVE AND REINSTALL OR REPLACE</b></p> <p><i>Assembly Replacement Requires Prior Zone Approval.</i></p> <p>INCLUDES:- Remove and reinstall transmission, converter and pump seal. Check front unit end play. Remove and reinstall sprocket and chain cover, gasket, drive and driven sprockets, link belt, pump cover plate and gasket.</p> <p>Applicable failure code: - Broken 01, cracked 05, worn 06, scored 07, seized 15, loose 27, porous 30, poor machining 31, noisy 40, leaks 42, incorrect pressure 61.</p> <p>ALL MODELS ..... 4.5</p> <p>ADD:</p> <p>To Overhaul Oil Pump Assembly ..... .5</p> <p>(INCLUDES:- Overhaul Pressure Regulator Valve And Replace Pump Seal And Bushing).</p> <p>To Replace Bushing (Component Removed)..... .1</p>	



OPERATION NUMBER	AUTOMATIC TRANSMISSION	OPERATION TIMES
	OPERATION DESCRIPTION	
Y3711 20	<p><b>SPROCKET AND CHAIN COVER AND/OR GASKET — REMOVE AND REINSTALL</b></p> <p>INCLUDES:- Remove and reinstall transmission.</p> <p><b>Applicable failure code:</b> - <i>Broken 01, stripped 03, scored 07, chipped 09, noisy 40, leaking 42.</i></p> <p><b>ALL MODELS</b> ..... 3.9</p> <p><b>ADD:</b></p> <p>To Replace Drive And Driven Sprockets And/Or Link Belt ..... .2</p> <p>To Replace Bearings And Shafts ..... .3</p> <p>(INCLUDES:- Previous Addition).</p> <p>To Remove And Reinstall Or Replace Oil Pump And/Or 'O' Ring ..... .6</p> <p><b><i>Assembly Replacement Requires Prior Zone Approval.</i></b></p> <p>(INCLUDES:- Remove And Reinstall Drive And Driven Sprockets And Link Belt And Check Front Unit End Play).</p> <p>To Overhaul Oil Pump (Removed) ..... .5</p> <p>To Remove And Reinstall Drive And/Or Driven Sprocket Supports And/Or Cover Plate ..... 1.0</p> <p>(INCLUDES:- Remove And Reinstall Drive And Driven Sprockets And Link Belt And Check Front Unit End Play, Remove And Reinstall Pump Cover Plate Gasket And Check Front Unit End Play).</p>	
Y3711 30	<p><b>FORWARD CLUTCH ASSEMBLY AND TURBINE SHAFT — REMOVE AND REINSTALL</b></p> <p>INCLUDES:- Remove and reinstall transmission, converter, oil pan, oil pump and seal. Check front unit end play. Remove and reinstall sprocket and chain cover, gasket, drive and driven sprockets, link belt, pump cover plate and gasket.</p> <p><b>Applicable failure code:</b> - <i>Broken 01, cracked 05, scored 07, poor machining 31, leaks 42, binds 52, improperly installed 58.</i></p> <p><b>ALL MODELS</b> ..... 5.1</p> <p><b>ADD:</b></p> <p>To Overhaul Forward Clutch ..... .6</p> <p>To Overhaul Oil Pump Assembly ..... .5</p> <p>To Replace Pump Bushing ..... .1</p> <p>To Overhaul Valve Body ..... .8</p> <p>To Overhaul Servos ..... .3</p>	



OPERATION	AUTOMATIC TRANSMISSION	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
Y3711 40	<p><b>DIRECT CLUTCH ASSEMBLY AND INTERMEDIATE SPRAG — REMOVE AND REINSTALL</b></p> <p>INCLUDES:- Remove and reinstall transmission, converter, oil pan, oil pump, 'O' ring. Check converter end play. Remove and reinstall sprocket and chain cover, gasket, drive and driven sprockets, link belt, pump cover plate and gasket.</p> <p><b>Applicable failure code:</b> - <i>Broken 01, cracked 05, worn 06, scored 07, loose 27, poor machining 31, noisy 40, leaks 42, binds 52.</i></p> <p><b>ALL MODELS</b> ..... 5.1</p> <p><b>ADD:</b></p> <p>To Overhaul Direct Clutch Assembly And Intermediate Sprag ..... .3</p> <p>To Overhaul Forward Clutch ..... .6</p> <p>To Overhaul Oil Pump Assembly ..... .5</p> <p>To Replace Pump Bushing..... .1</p> <p>To Overhaul Valve Body..... .8</p> <p>To Overhaul Servos ..... .3</p>	
Y3711 50	<p><b>CENTER SUPPORT AND GEAR UNIT ASSEMBLY AND/OR REAR BAND — REMOVE AND REINSTALL</b></p> <p>INCLUDES:- Remove and reinstall transmission, converter, oil pump, 'O' ring seal, forward clutch assembly, front brake band, valve body, case extension, speedometer driven gear, check front and rear unit end play. Remove and reinstall sprocket and chain cover, gasket, drive and driven sprockets, link belt, pump cover plate and gasket.</p> <p><b>Applicable failure code:</b> - <i>Broken 01, cracked 05, worn 06, scored 07, chipped 09, seized 15, loose 27, poor machining 31, noisy 40, leaks 42, binds 52, not drilled 53, part improperly installed 58.</i></p> <p><b>ALL MODELS</b> ..... 5.3</p> <p><b>ADD:</b></p> <p>To Disassemble Center Support And Gear Unit..... .4</p> <p>(INCLUDES:- Remove And Reinstall Output Shaft, Sun Gear, Mainshaft, Reaction And Output Carrier Assemblies).</p> <p>To Overhaul Center Support And/Or Roller Clutch ..... .2</p> <p>To Replace Planet Pinions (Each Set Of Four)..... .4</p> <p>To Replace Each Bushing (Gear Unit Or Case)..... .1</p> <p>To Replace Transmission Case..... .4</p> <p>(INCLUDES:- Transfer Of All Parts).</p> <p>To Overhaul Oil Pump Assembly ..... .5</p> <p>To Replace Pump Bushing..... .1</p> <p>To Overhaul Forward Clutch ..... .6</p> <p>To Overhaul Direct Clutch Assembly And Intermediate Sprag ..... .3</p> <p>To Overhaul Valve Body..... .8</p> <p>To Overhaul Servos ..... .3</p>	



OPERATION	AUTOMATIC TRANSMISSION	OPERATION TIMES
NUMBER	OPERATION DESCRIPTION	
Y3711 60	<b>TRANSMISSION CASE — REPLACE</b>	
	INCLUDES:- Remove and reinstall transmission, transfer all parts, check front and rear unit end play.	
	<b>Applicable failure code:</b> - <i>Cracked 05, foreign material 12, porosity 30, poor machining 31.</i>	
	<b>ALL MODELS</b> .....	<b>5.7</b>
	<b>ADD:</b>	
	To Disassemble Center Bearing Support And Gear Unit .....	.4
	(INCLUDES:- Remove And Reinstall Output Shaft, Sun Gear, Mainshaft, Reaction And Output Carrier Assemblies).	
	To Overhaul Center Bearing Support And/Or Roller Clutch .....	.2
	To Replace Planet Pinions (Each Set Of Four) .....	.4
	To Replace Each Bushing (Component Removed) .....	.1
	To Overhaul Oil Pump Assembly .....	.5
	To Overhaul Forward Clutch .....	.6
	To Overhaul Direct Clutch Assembly And Intermediate Sprag .....	.3
	To Overhaul Valve Body .....	.8
	To Overhaul Servos .....	.3



**G-1** LIVING AREA COMPTS.  
& SYSTEMS



Set-up 16%  
figured into rate 25

OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1001 78	<p><b>Mark IV Roof Mounted Air Conditioner</b></p> <p><b>COMPRESSOR ASSEMBLY — REPLACE</b></p> <p><i>Assembly Replacement Requires Prior Zone Approval.</i></p> <p>INCLUDES:- Remove and reinstall, evacuate, charge, leak and performance test system.</p> <p>Applicable failure code: - Broken 01, worn 06, seized 15, poor machining 31, noisy 40, leaks 42.</p> <p>ALL MODELS .....</p>	2.5
G1005 00	<p><b>CONDENSOR — REPLACE</b></p> <p>INCLUDES:- Evacuate, charge, leak and performance test system.</p> <p>Applicable failure code: - Torn or punctured 04, cracked 05, foreign material present 12, leaks 42, part improperly installed</p> <p>ALL MODELS .....</p>	1.5
G1011 00	<p><b>EVAPORATOR COIL — REPLACE</b></p> <p>INCLUDES:- Evacuate, charge, leak and performance test system.</p> <p>Applicable failure code: - Broken 01, cracked 05, leaks 42, part improperly installed 58.</p> <p>ALL MODELS .....</p>	1.5
G1015 00	<p><b>CAPILLARY TUBE — REPLACE</b></p> <p>INCLUDES:- Evacuate, charge, leak and performance test system.</p> <p>Applicable failure code: - Broken 01, cracked 05, leaks 42, part improperly installed 58.</p> <p>ALL MODELS .....</p>	.8
G1021 00	<p><b>CONDENSOR AND/OR EVAPORATOR MOTOR — REPLACE</b></p> <p>Applicable failure code: - Broken 01, part omitted 29, noisy 40, electrical failures 50.</p> <p>ALL MODELS .....</p>	.7
G1023 00	<p><b>CAPACITOR — REPLACE</b></p> <p>Applicable failure code: - Electrical failures 50.</p> <p>ALL MODELS .....</p>	.5
G1025 00	<p><b>EVAPORATOR FAN-SCROLL AND BLOWER WHEEL — REPLACE</b></p> <p>Applicable failure code: - Broken 01, bent 11, seized 15, noisy 40, electrical failures 50, part improperly installed 58.</p> <p>ALL MODELS .....</p>	1.1
G1031 00	<p><b>THERMOSTAT — REPLACE</b></p> <p>Applicable failure code: - Broken 01, electrical failures 50.</p> <p>ALL MODELS .....</p>	.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1035 00	<b>SWITCH, MARK IV AC — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.5
G1041 26	<b>Furnaces</b> <b>FURNACE — REMOVE AND REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, leaking 42, part improperly installed 58. ALL MODELS.....	.3
G1045 00	<b>GAS VALVE — REPLACE</b> Applicable failure code: - Broken 01, leaks 42, part improperly installed 58. NT 22 MODELS .....	.6
G1046 00	NT 32 MODELS .....	1.6
G1051 00	<b>SAFETY PILOT VALVE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, inoperative 56, part improperly installed 58. NT 22 MODELS .....	1.0
G1052 00	<b>PILOT BURNER — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, leaks 42, inoperative 56, part improperly installed 58. ALL MODELS .....	.7
G1056 00	<b>PILOT ORIFICE — REPLACE</b> Applicable failure code: - Cracked 05, leaks 42, inoperative 56, part improperly installed 58. ALL MODELS .....	.5
G1058 00	<b>ORIFICE, MAIN BURNER — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, inoperative 56, part improperly installed 58. ALL MODELS .....	1.0
G1061 00	<b>THERMOCOUPLE — REPLACE</b> Applicable failure code: - Inoperative 56, part improperly installed 58. ALL MODELS .....	.7
G1062 00	<b>PILOT TUBING — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, part improperly installed 58. ALL MODELS .....	.7



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1066 00	<b>MICROSWITCH — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.6
G1068 00	<b>BLOWER MOTOR — REPLACE</b> Applicable failure code: - Broken 01, bent 11, foreign material present 12, seized 15, noisy 40, electrical failures 50, inoperative 56. ALL MODELS .....	1.5
G1071 00	<b>BLOWER ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, binds or sticks 52, part improperly installed 58. ALL MODELS .....	1.1
G1072 00	<b>SWITCH, LIMIT — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.6
G1074 00	<b>SWITCH, FAN — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.6
G1078 00	<b>BLOWER WHEEL — REPLACE</b> Applicable failure code: - Broken 01, seized 15, noisy 40, inoperative 56. ALL MODELS .....	1.5
G1081 00	<b>COMBUSTION CHAMBER ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, bent 11, part improperly installed 58. ALL MODELS .....	.6
G1082 00	<b>COMBUSTION CHAMBER (ONLY) — REPLACE</b> Applicable failure code: - Broken 01, bent 11, part improperly installed 58. ALL MODELS .....	1.9
G1084 00	<b>THERMOSTAT — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.5
G1086 00	<b>BURNER ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, inoperative 56, part improperly installed 58. ALL MODELS .....	1.1



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1088 00	<b>VENT CAP — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, chrome plating defective 24. ALL MODELS .....	.2
G1094 00	<b>THERMOSTAT RELAY — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.8
G1096 00	<b>TERMINAL BLOCK — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. NT 22 MODELS .....	.5
G1101 26	<p style="text-align: center;"><i><b>Onan Generator</b></i></p> <b>AUXILIARY GENERATOR — REMOVE AND REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, overheated 13, burned 14, seized 15, electrical failures 50. ALL MODELS .....	1.0
G1102 00	<b>AIR FILTER — CLEAN</b> Applicable failure code: - Foreign material present 12. ALL MODELS .....	.3
G1103 00	<b>AIR FILTER — REPLACE</b> Applicable failure Code: - Broken 01, cracked 05. ALL MODELS .....	.3
G1105 00	<b>AUTOMATIC CONTROL AND/OR RELAYS AND/OR TRANSFORMERS — REPLACE</b> Applicable failure code: - Broken 01, misadjusted 26, part omitted 29, electrical failures 50, part improperly installed 58. ALL MODELS .....	1.0
G1112 10	<b>CAMSHAFT AND BEARINGS — REPLACE</b> Applicable failure code: - Broken 01, worn 06, scored or scratched 07, poor machining 31, noisy 40, improper clearance 62. ALL MODELS .....	4.3
G1111 00	<b>MAIN BEARINGS — REPLACE</b> Applicable failure code: - Broken 01, worn 06, scored or scratched 07, noisy 40. ALL MODELS .....	5.0



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1112 20	<b>CAMSHAFT, CRANKSHAFT AND BEARINGS — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, scored or scratched 07, poor machining 31, noisy 40, improper clearance 62.</i> ALL MODELS .....	5.0
G1115 00	<b>CYLINDER BLOCK (SHORT) — REPLACE</b> INCLUDES:- Removal and reinstallation of all external accessories, oil base, and connecting lines, cylinder heads, housings, etc. Replacement of complete short block assembly. Retime engine. Run engine and check operation. Applicable failure code: - <i>Stripped 03, cracked 05, worn 06, scored or scratched 07, porosity 30, poor machining 31, not drilled 53.</i> ALL MODELS .....	4.8
G1118 00	<b>BREATHER VALVE — CLEAN OR REPLACE</b> Applicable failure code: - <i>Broken 01, foreign material present 12.</i> ALL MODELS .....	.3
G1112 30	<b>CAMSHAFT — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, scored or scratched 07, poor machining 31, noisy 40, improper clearance 62.</i> ALL MODELS .....	2.8
G1121 00	<b>CARBURETOR — ADJUST</b> Applicable failure code: - <i>Bent 11, loose 27, part improperly installed 58.</i> ALL MODELS .....	.3
G1122 26	<b>CARBURETOR — REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - <i>Foreign material present 12, leaks 42.</i> ALL MODELS .....	.5
G1123 00	<b>CARBURETOR — OVERHAUL</b> INCLUDES:- R&R carburetor. Applicable failure code: - <i>Foreign material present 12, part omitted 29, poor machining 31, leaks 42, binds, sticks 52, wrong part 54, part improperly installed 58.</i> ALL MODELS .....	1.0
G1124 00	<b>CHOKE — REPLACE</b> INCLUDES:- Adjustment. Applicable failure code: - <i>Broken 01, cracked 05, misaligned 25, part improperly installed 58.</i> ALL MODELS .....	.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1125 00	<b>CHOKE — ADJUST</b> Applicable failure code: - <i>Binds, sticks 52, part improperly installed 58.</i> ALL MODELS .....	.3
G1126 00	<b>CONNECTING ROD — REPLACE</b> INCLUDES:- Removal and reinstallation of oil base and gasket, replace damaged connecting rod, checking and cleaning up crankshaft. Test run engine. Applicable failure code: - <i>Broken 01, cracked 05, noisy 40, improper clearance 62.</i> ALL MODELS .....	2.0
G1127 00	<b>CONTROL, GENERATOR PLANT — REPLACE</b> INCLUDES:- Removal and replacement of complete control. Disconnect and reconnect all electrical wires. DOES NOT INCLUDE:- Any repairs or adjust to control. Test run to check operation. Applicable failure code: - <i>Broken 01, cracked 05, electrical failures 50, part improperly installed 58.</i> ALL MODELS .....	1.0
G1112 40	<b>CRANKSHAFT — REPLACE</b> INCLUDES:- Remove generator and control. Tear down engine and install new crankshaft. Reassemble engine and replace generator and control. Test run to check engine operation and generator output voltage, frequency. Applicable failure code: - <i>Broken 01, worn 06, scored or scratched 07, poor machining 31, out of balance 34.</i> ALL MODELS .....	5.8
G1131 00	<b>CYLINDER HEADS AND/OR GASKETS — REPLACE</b> INCLUDES:- Removing and replacing shrouds and other sheet metal housings. Removal and reinstallation of new head, and torque of head bolts. Applicable failure code: - <i>Broken 01, cracked 05, scored or scratched 07, burned 14, poor machining 31, leaks 42.</i> ALL MODELS .....	1.0
G1132 00	<b>EXHAUST MANIFOLD AND/OR GASKETS — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, foreign material present 12, burned 14, porosity 30, leaks 42, part improperly installed 58.</i> ALL MODELS .....	.3



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1134 00	<b>FLYWHEEL — REPLACE</b> Applicable failure code: - Stripped 03, cracked 05, scored or scratched 07, chipped 09, poor machining 31, out of balance 34. <b>ALL MODELS</b> ..... <b>ADD:</b> To Replace Ring Gear .....	  .8  .5
G1136 00	<b>FUEL PUMP — REPLACE</b> Applicable failure code: - Broken 01, worn 06, foreign material present 12, noisy 40, leaks 42, part improperly installed 58. <b>ALL MODELS</b> .....	  .3
G1137 00	<b>FUEL PUMP — OVERHAUL</b> INCLUDES:- R&R pump. Applicable failure code: - Broken 01, worn 06, foreign material present 12, noisy 40, leaks 42, part improperly installed 58. <b>ALL MODELS</b> .....	  .8
G1138 00	<b>CAMSHAFT GEAR — REPLACE</b> INCLUDES:- Partial teardown of engine, removal of camshaft, installing new gear set (including crank and cam gears), and reassembly of engine. Adjust valves, retime engine, test run. Applicable failure code: - Broken 01, cracked 05, noisy 40. <b>ALL MODELS</b> .....	  2.5
G1139 00	<b>CRANKSHAFT GEAR — REPLACE</b> INCLUDES:- Partial teardown of engine, removal of camshaft, and installing new gear set, (including crank and cam gears), and reassembly of engine. Adjust valve, retime engine, test run. Applicable failure code: - Broken 01, cracked 05, noisy 40. <b>ALL MODELS</b> .....	  2.5
G1141 00	<b>GEAR COVER AND/OR GASKET — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, bent 11. <b>ALL MODELS</b> .....	  1.0
G1142 00	<b>GENERATOR ADAPTER — REPLACE</b> INCLUDES:- Removal and replacement of complete generator and plant control. Remove and replace adaptor. Connect all wires. Run generator and check for proper operation. Applicable failure code: - Broken 01, cracked 05, electrical failures 50. <b>ALL MODELS</b> .....	  2.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1143 00	<b>GENERATOR BEARING — REPLACE</b> INCLUDES:- Remove and replace end bell. Remove and replace bearing and stop clip. Run generator and check for proper operation. <b>Applicable failure code:</b> - <i>Worn 06, scored or scratched 07, seized 15, noisy 40.</i> <b>ALL MODELS .....</b>	1.8
G1144 00	<b>GENERATOR BRUSHES — REPLACE</b> <b>Applicable failure code:</b> - <i>Cracked 05, worn 06.</i> <b>ALL MODELS .....</b>	.8
G1145 00	<b>GENERATOR THRU STUD — REPLACE</b> <b>Applicable failure code:</b> - <i>Broken 01, cracked 05, bent 11.</i> <b>ALL MODELS .....</b>	.5
G1146 00	<b>GENERATOR REPAIR (OVERHAUL) ONLY (NO ENGINE WORK)</b> INCLUDES:- Removing armature and turning commutator and slip rings and undercut mica. Replace generator brushes. Check brush springs and replace any weak springs. Clean generator frame and field coils. <b>Applicable failure code:</b> - <i>Broken 01, worn 06, foreign material present 12, noisy 40, electrical failures 50, part improperly installed 58.</i> <b>ALL MODELS .....</b> <b>ADD:</b> To Replace Armature ..... To Replace Field Coils .....	3.0       .5 .5
G1147 00	<b>GENERATOR REVOLVING ARMATURE — REPLACE</b> INCLUDES:- Removal and reinstallation of complete armature assy. Inspect brushes. Reconnect all electrical leads. Run generator and check for proper operation. <b>Applicable failure code:</b> - <i>Broken 01, worn 06, foreign material present 12, noisy 40, electrical failures 50.</i> <b>ALL MODELS .....</b> <b>ADD:</b> To Turn Commutator And Slip Rings .....	2.0      .3
G1148 00	<b>REVOLVING ARMATURE SLIP RINGS — REPLACE</b> INCLUDES:- Removal and reinstallation of armature. Remove and replace slip rings. Reconnect all electrical leads. Run generator and check for proper operation. <b>Applicable failure code:</b> - <i>Worn 06, foreign material present 12, noisy 40, electrical failures 50.</i> <b>ALL MODELS .....</b>	2.3



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1151 00	<b>REVOLVING ARMATURE — RESTORE RESIDUAL</b> Applicable failure code: - <i>Electrical failures 50.</i> ALL MODELS .....	.3
G1152 00	<b>REVOLVING ARMATURE BRUSH RIG — REPLACE</b> INCLUDES:- Removal and reinstall covers, end bell, etc., to remove and replace brush rig assembly. Adjust to proper position and run generator and check for proper operation. Applicable failure code: - <i>Broken 01, cracked 05, electrical failures 50, part improperly installed 58.</i> ALL MODELS .....	1.8
G1154 00	<b>GOVERNOR LINKAGE — REPLACE</b> INCLUDES:- Remove and replace governor linkage and ball joint. Adjust. Run engine to check for proper speed and sensitivity. Applicable failure code: - <i>Broken 01, cracked 05, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.3
G1155 00	<b>GOVERNOR — REPLACE OR OVERHAUL</b> INCLUDES:- Removing and reinstallation of governor and parts, housings, gear cover, etc., necessary to make this removal. Adjust speed and sensitivity by running engine. Applicable failure code: - <i>Broken 01, cracked 05, worn 06, binds, sticks 52, inoperative 56.</i> ALL MODELS .....	1.5
G1156 00	<b>GOVERNOR — ADJUST</b> Applicable failure code: - <i>Bent 11, not connected 51, binds, sticks 52, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.3
G1158 00	<b>SWITCH, HIGH TEMPERATURE — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50.</i> ALL MODELS .....	.3
G1161 00	<b>IGNITION COIL — REPLACE</b> Applicable failure code: - <i>Cracked 05, burned 14, electrical failures 50, part improperly installed 58.</i> ALL MODELS .....	.5
G1162 00	<b>IGNITION POINTS AND/OR CONDENSER — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, misaligned 25, misadjusted 26, electrical failures 50.</i> ALL MODELS .....	.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1163 00	<b>IGNITION RESISTOR — REPLACE</b> Applicable failure code: - Broken 01, worn 06, <i>electrical failures 50.</i> ALL MODELS .....	.3
G1165 00	<b>INTAKE MANIFOLD AND/OR GASKETS</b> Applicable failure code: - Broken 01, torn or punctured 04, <i>foreign material present 12, porosity 30, poor machining 31,</i> <i>leaks 42, part improperly installed 58.</i> ALL MODELS .....	.5
G1167 00	<b>METER — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, inoperative 56. ALL MODELS .....	.5
G1169 00	<b>MUFFLER — REPLACE</b> Applicable failure code: - Cracked 05, loose 27, noisy 40, <i>leaks 42, rusted or corroded 75.</i> ALL MODELS .....	.3
G1171 00	<b>OIL BASE AND/OR GASKET — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, leaks 42, <i>part improperly installed 58.</i> ALL MODELS .....	.5
G1172 00	<b>OIL BY-PASS — CLEAN AND ADJUST AND/OR REPLACE</b> Applicable failure code: - Inoperative 56. ALL MODELS .....	.3
G1173 00	<b>OIL GAUGE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, <i>incorrect pressure 61.</i> ALL MODELS .....	.5
G1174 00	<b>OIL LINE (CROSS OVER LINE) — REPLACE</b> INCLUDES:- Removal and replace oil base, sheet metal, gear cover, flywheel, etc., so oil line can be replaced. Run engine to check for proper oil pressure. Applicable failure code: - Broken 01, cracked 05, leaks 42. ALL MODELS .....	2.8
G1175 00	<b>OIL LINE (TO GAUGE) — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, leaks 42. ALL MODELS .....	.3



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1176 00	<b>OIL PICKUP CUP AND TUBE — REPLACE</b> INCLUDES:- Remove and replace oil base, gasket, and pickup cup and tube. Refill crankcase with oil. Applicable failure code: - <i>Broken 01, cracked 05, leaks 42.</i> ALL MODELS .....	.8
G1177 00	<b>OIL PUMP — REPLACE</b> Applicable failure code: - <i>Broken 01, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	1.0
G1178 00	<b>OIL SEAL (FRONT) — REPLACE</b> Applicable failure code: - <i>Torn or punctured 04, cracked 05, worn 06, leaks 42.</i> ALL MODELS .....	1.3
G1179 00	<b>OIL SEAL (REAR) — REPLACE</b> Applicable failure code: - <i>Torn or punctured 04, cracked 05, worn 06, leaks 42.</i> ALL MODELS .....	1.2
G1181 00	<b>PISTON RINGS AND ROD AND/OR BEARINGS — REPLACE</b> INCLUDES:- Removal and reinstallation of housings, cylinder heads, oil base, and gaskets, cleaning piston ring grooves, install new rings and connecting rod (or bearings). Reassemble. Run engine to check operation. Applicable failure code: - <i>Broken 01, cracked 05, scored or scratched 07, burned 14, noisy 40, binds, sticks 52, improper clearance 62, poor oil mileage 69.</i> ALL MODELS ..... <b>ADD:</b> To Replace Piston .....	2.5 .3
G1182 00	<b>RELAY - PLANT CONTROL — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50.</i> ALL MODELS .....	.8
G1183 00	<b>SPARK ADVANCE — REPLACE</b> INCLUDES:- Complete removal of camshaft - in case one of the pins would be broken off - or inoperative, and could not be repaired or changed with the camshaft in the engine. Reassemble engine. Test run. Applicable failure code: - <i>Broken 01, electrical failures 50.</i> ALL MODELS .....	2.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1184 00	<b>SPARK PLUG WIRES — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, electrical failures 50. ALL MODELS .....	.5
G1186 26	<b>STARTER MOTOR — REPLACE</b> Applicable failure code: - Broken 01, worn 06, foreign material present 12, seized 15, noisy 40, electrical failures 50, binds, sticks 52, inoperative 56, part improperly installed 58. ALL MODELS .....	.5
G1187 00	<b>STOP SWITCH — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.3
G1188 00	<b>STARTING MOTOR BRUSHES AND/OR SPRINGS — REPLACE</b> Applicable failure code: - Broken 01, worn 06, foreign material present 12, noisy 40, electrical failures 50, inoperative 56. ALL MODELS .....	.5
G1189 00	<b>TIME IGNITION</b> Applicable failure code: - Misadjusted 26, vibrates 36, inoperative 56. ALL MODELS .....	.5
G1191 00	<b>VALVES — ADJUST</b> Applicable failure code: - Does not seat 38. ALL MODELS .....	.5
G1192 00	<b>VALVE GUIDES AND/OR VALVES — REPLACE</b> Applicable failure code: - Broken 01, worn 06, poor fit 55. ALL MODELS .....	1.5
G1193 00	<b>VALVE SPRINGS — REPLACE</b> Applicable failure code: - Broken 01, bent 11, incorrect pressure 61. ALL MODELS .....	1.3
G1194 00	<b>VALVE LIFTER — REPLACE</b> Applicable failure code: - Broken 01, worn 06, bent 11. ALL MODELS .....	1.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1195 00	<b>VIBRATION DAMPERS — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, out of balance 34.</i> ALL MODELS .....	1.5
G1201 26	<b><i>Kohler Generator</i></b> <b>AUXILIARY GENERATOR — REMOVE AND REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - <i>Broken 01, Overheated 13, burned 14, seized 15, electrical failures 50.</i> ALL MODELS .....	.7
G1210 00	<b>SHORT BLOCK — REPLACE</b> Applicable failure code: - <i>Cracked 05, worn 06, seized 15.</i> ALL MODELS .....	3.7
G1211 00	<b>BARE BLOCK — REPLACE</b> Applicable failure code: - <i>Cracked 05, worn 06, seized 15.</i> ALL MODELS .....	4.7
G1213 00	<b>CONNECTING ROD — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, seized 15.</i> ALL MODELS ..... <b>ADD:</b> To Replace Crankshaft.....	2.2 1.0
G1215 00	<b>PISTON AND/OR RINGS — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, seized 15, poor oil mileage 69.</i> ALL MODELS .....	2.2
G1217 00	<b>CRANKSHAFT AND/OR MAIN BEARING — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, seized 15.</i> ALL MODELS .....	3.2
G1219 00	<b>CRANKSHAFT - P.T.O. SEAL — REPLACE</b> Applicable failure code: - <i>Wrong part 54, poor fit 55.</i> ALL MODELS .....	1.7
G1221 00	<b>CRANKSHAFT FLYWHEEL SEAL — REPLACE</b> Applicable failure code: - <i>Wrong part 54, poor fit 55.</i> ALL MODELS .....	2.2
G1231 00	<b>VALVES — ADJUST</b> Applicable failure code: - <i>Improper clearance 62.</i> ALL MODELS .....	2.2



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1232 00	<b>VALVE GUIDE — REPLACE</b> Applicable failure code: - <i>Cracked 05, worn 06, scored or scratched 07.</i> ALL MODELS .....	2.7
G1233 00	<b>VALVE SPRING — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, binds, sticks 52.</i> ALL MODELS .....	2.2
G1234 00	<b>VALVE COVER GASKET AND/OR BREATHER — REPLACE</b> Applicable failure code: - <i>Bent 11, wrong part 54, poor fit 55.</i> ALL MODELS .....	1.2
G1237 00	<b>CAMSHAFT — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, bent 11, seized 15.</i> ALL MODELS .....	3.2
G1241 00	<b>IGNITION TIMING — ADJUST</b> Applicable failure code: - <i>Misadjusted 26, not connected 51, wrong part 54, improper clearance 62.</i> ALL MODELS .....	1.2
G1242 00	<b>POINTS AND CONDENSER — REPLACE</b> Applicable failure code: - <i>Worn 06, pitted 49, electrical failures 50.</i> ALL MODELS .....	1.4
G1243 00	<b>SPARK PLUG — REPLACE</b> Applicable failure code: - <i>Cracked 05, worn 06.</i> ALL MODELS .....	.2
G1244 00	<b>IGNITION COIL — REPLACE</b> Applicable failure code: - <i>Electrical failures 50.</i> ALL MODELS .....	.2
G1251 26	<b>CARBURETOR — REMOVE AND REPLACE</b> Applicable failure code: - <i>Foreign material present 12, part omitted 29, poor machining 31, leaks 42, binds, sticks 52, wrong part 54, part improperly installed 58.</i> ALL MODELS ..... <b>ADD:</b> To Overhaul Carburetor .....	.5 1.0
G1252 00	<b>CHOKE — REPLACE</b> Applicable failure code: - <i>Broken 01, foreign material present 12, loose 27, weak 33, part improperly installed 58.</i> ALL MODELS .....	.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1253 00	<b>CARBURETOR — ADJUST</b> Applicable failure code: - <i>Misadjusted 26.</i> ALL MODELS .....	.2
G1254 00	<b>CHOKE — ADJUST</b> Applicable failure code: - <i>Misadjusted 26.</i> ALL MODELS .....	.2
G1255 00	<b>FUEL PUMP — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06, foreign material present 12, weak 33, noisy 40, leaks 42, inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.3
G1261 00	<b>GENERATOR CONTROLLER — REPLACE</b> Applicable failure code: - <i>Broken 01, not connected 51, wrong part 54, inoperative 56.</i> ALL MODELS .....	.7
G1262 00	<b>GENERATOR FRAME ASSEMBLY — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, bent 11.</i> ALL MODELS .....	1.4
G1263 00	<b>ARMATURE ASSEMBLY — R&amp;R</b> Applicable failure code: - <i>Broken 01, worn 06, bent 11, burned 14, seized 15, electrical failures 50.</i> ALL MODELS .....	1.3
G1264 00	<b>GENERATOR BEARING — REPLACE</b> Applicable failure code: - <i>Worn 06, seized 15, inoperative 56.</i> ALL MODELS .....	1.3
G1265 00	<b>GENERATOR FIELD COIL — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50, inoperative 56.</i> ALL MODELS .....	2.7
G1266 00	<b>CONTROLLER RELAY — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50, inoperative 56.</i> ALL MODELS .....	.3
G1267 00	<b>ANTI-FLICKER — REPLACE</b> Applicable failure code: - <i>Broken 01, inoperative 56.</i> ALL MODELS .....	.8



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1268 00	<b>GENERATOR BRUSH — REPLACE</b> Applicable failure code: - <i>Broken 01, worn 06.</i> ALL MODELS .....	.8
G1271 00	<b>EXHAUST MANIFOLD AND GASKET — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, loose 27, noisy 40, leaks 42.</i> ALL MODELS .....	.5
G1273 00	<b>CYLINDER HEAD AND/OR GASKET — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, part improperly installed 58.</i> ALL MODELS .....	.5
G1275 00	<b>OIL PAN AND/OR GASKET — REPLACE</b> Applicable failure code: - <i>Cracked 05, bent 11, leaks 42.</i> ALL MODELS .....	1.2
G1281 00	<b>FLYWHEEL — REPLACE</b> Applicable failure code: - <i>Broken 01, cracked 05, worn 06, chipped 09, bent 11, seized 15.</i> ALL MODELS .....	1.7
G1291 00	<b>OIL LEVEL SWITCH — REPLACE</b> Applicable failure code: - <i>Broken 01, bent 11, inoperative 56.</i> ALL MODELS .....	1.3
G1293 00	<b>VIBROMOUNT — REPLACE</b> Applicable failure code: - <i>Broken 01, inoperative 56.</i> ALL MODELS .....	1.2
G1301 26	<b><i>Norcold Refrigerators</i></b> <b>REFRIGERATOR — REMOVE AND REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - <i>Broken 01, noisy 40, leaks 42, electrical failures 50, inoperative 56.</i> ALL MODELS .....	.3
G1304 00	<b>INVERTOR AND TRANSFORMER — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50.</i> ALL MODELS .....	.8
G1306 00	<b>THERMOSTAT — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50, not connected 51.</i> ALL MODELS .....	.9



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1308 00	<b>COOLING UNIT — REPLACE</b> Applicable failure code: - Broken 01, torn or punctured 04, bent 11, leaks 42, inoperative 56, part improperly installed 58. ALL MODELS .....	1.0
G1321 26	<b><i>Instamatic Refrigerators</i></b> <b>REFRIGERATOR ASSEMBLY — REMOVE AND REINSTALL</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, vibrates 36, noisy 40, leaks 42, part improperly installed 58. ALL MODELS .....	.3
G1325 00	<b>COOLING UNIT — REPLACE</b> Applicable failure code: - Broken 01, leaks 42, part improperly installed 58. MODEL GM-610 .....	1.0
G1326 00	MODEL GM-720 .....	1.5
G1331 00	<b>BODY LINER — REPLACE</b> Applicable failure code: - Broken 01, scored or scratched 07, chipped 09, soiled or stained 10, part improperly installed 58. ALL MODELS .....	1.0
G1335 00	<b>DOOR LINER — REPLACE</b> Applicable failure code: - Broken 01, scored or scratched 07, chipped 09, soiled or stained 10, part improperly installed 58. ALL MODELS .....	.5
G1341 00	<b>THERMOCOUPLE — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50. ALL MODELS .....	.5
G1345 00	<b>SAFETY MAGNET — REPLACE</b> Applicable failure code: - Broken 01, part improperly installed 58. ALL MODELS .....	.5
G1351 00	<b>IGNITER PLUG — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, part improperly installed 58. ALL MODELS .....	.5
G1361 00	<b>GAS THERMOSTAT — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, part improperly installed 58. ALL MODELS .....	1.0



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1365 00	<b>ELECTRIC THERMOSTAT — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50, part improperly installed 58. ALL MODELS .....	.7
G1371 00	<b>SNAP SWITCH — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50, part improperly installed 58. ALL MODELS .....	.5
G1381 00	<b>HEATING ELEMENT — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50, part improperly installed 58. ALL MODELS .....	.5
G1401 26	<p style="text-align: center;"><b><i>Coleman Stoves</i></b></p> <b>STOVE — REMOVE AND REPLACE</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - Broken 01, part improperly installed 58. ALL MODELS .....	.4
G1411 00	<b>THERMOSTAT — REPLACE</b> Applicable failure code: - Broken 01, electrical failures 50, part improperly installed 58. ALL MODELS .....	.8
G1421 00	<b>SAFETY VALVE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, part improperly installed 58. ALL MODELS .....	.8
G1431 00	<b>PILOT BURNER — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, part improperly installed 58. ALL MODELS .....	.5
G1435 00	<b>TOP BURNER VALVE — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, inoperative 56, part improperly installed 58. ALL MODELS .....	.5
G1438 00	<b>TOP BURNER ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, inoperative 56, part improperly installed 58. ALL MODELS .....	.5



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1441 00	<b>TOP LIGHTER ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, <i>inoperative 56, part improperly installed 58.</i> ALL MODELS .....	.5
G1445 00	<b>MANIFOLD ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, <i>part improperly installed 58.</i> ALL MODELS .....	.5
G1451 00	<b>OVEN BURNER — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, <i>part improperly installed 58.</i> ALL MODELS .....	.5
G1461 00	<b>DOOR PANEL — REPLACE</b> Applicable failure code: - Broken 01, cracked 05, poor fit 55. ALL MODELS .....	.3
G1464 00	<b>DOOR ASSEMBLY — REPLACE</b> Applicable failure code: - Broken 01, scored or scratched 07, <i>chipped 09, poor fit 55.</i> ALL MODELS .....	.3
G1468 00	<b>DOOR HANDLE — REPLACE</b> Applicable failure code: - Broken 01, bent 11, <i>part improperly installed 58.</i> ALL MODELS .....	.3
G1501 00	<i>Interior Electrical</i>	
	<b>VENT FAN ASSEMBLY (STOVE) — R&amp;R</b> Applicable failure code: - Broken 01, bent 11, seized 15, <i>binds, sticks 52.</i> ALL MODELS .....	.3
G1505 00	<b>SKY LIGHT AND VENT ASSEMBLY (ONE) — R&amp;R</b> Applicable failure code: - Broken 01, cracked 05, bent 11, <i>leaks 42, binds, sticks 52.</i> ALL MODELS .....	.4
G1511 00	<b>WATER PUMP SWITCH — R&amp;R</b> Applicable failure code: - Broken 01, cracked 05, <i>electrical failures 50.</i> ALL MODELS .....	.2







OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES
	OPERATION DESCRIPTION	
G1551 00	<b>VACUUM CLEANER MOTOR AND FAN ASSEMBLY — R&amp;R</b> Applicable failure code: - <i>Broken 01, foreign material present 12, seized 15, electrical failures 50.</i> ALL MODELS .....	.3
G1555 00	<b>MONITOR CLUSTER ASSEMBLY — R&amp;R</b> Applicable failure code: - <i>Broken 01, electrical failures 50, registers incorrectly 57.</i> ALL MODELS ..... <b>ADD:</b> To Replace Each Gauge .....	.2  .1
G1561 00	<b>BATHROOM FAN ASSEMBLY — R&amp;R</b> Applicable failure code: - <i>Broken 01, bent 11, seized 15, electrical failures 50.</i> ALL MODELS .....	.4
G1565 00	<b>DOOR JAMB SWITCH — REPLACE</b> Applicable failure code: - <i>Broken 01, part omitted 29, electrical failures 50, binds, sticks 52.</i> ALL MODELS .....	.2
G1571 00	<b>LIGHT BULB (ANY INTERIOR) — REPLACE</b> Applicable failure code: - <i>Broken 01, electrical failures 50.</i> ALL MODELS .....	.2
G1575 33 G1578 33	<b>INTERIOR WIRING — REPAIRS</b> Applicable failure code: - <i>Broken 01, electrical failures 50.</i> <b>120 VOLT AC</b> <b>12 VOLT DC</b> ALL MODELS .....	ST
G1601 00	<p style="text-align: center;"><b><i>Curtains</i></b></p> <b>EXIT DOOR CURTAINS — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS .....	.2
G1605 00	<b>CURTAINS, DIVIDER — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS (ONE OR BOTH) .....	.2



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1611 00	<b>CURTAINS, WINDSHIELD — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS (ONE OR BOTH) .....	.2
G1621 00 G1625 00	<b>CURTAINS, SIDE OVER SINK — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS (ONE) ..... ALL MODELS (BOTH) .....	.3 .5
G1631 00 G1635 00	<b>CURTAINS, SIDE OVER DINETTE — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS (ONE) ..... ALL MODELS (BOTH) .....	.3 .5
G1641 00 G1645 00	<b>CURTAINS, SIDE OVER DAVO BUNK OR SWIVAL SEATS — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> 26 FOOT ONLY (ONE) ..... 26 FOOT ONLY (BOTH) .....	.3 .5
G1651 00 G1655 00	<b>CURTAINS, SIDE IN REAR — R&amp;R</b> INCLUDES:- One rear side window only. Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS (ONE) ..... ALL MODELS (BOTH) ..... ADD: If Equipped With Overhead Cabinet - One ..... Both .....	.2 .3  .3 .5
G1661 00 G1665 00	<b>CURTAIN, REAR WINDOW — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, worn 06, soiled or stained 10, misaligned 25, loose 27, not connected 51, binds, sticks 52, poor fit 55.</i> ALL MODELS (ONE) ..... ALL MODELS (BOTH) .....	.3 .4



OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS	OPERATION TIMES	
	OPERATION DESCRIPTION		
G1671 33	<b><i>Furniture And Cupboards</i></b> <b>FURNITURE REPAIRS</b> INCLUDES:- Dinette, beds, davo's swival chairs, seat cushions, etc. Applicable failure code: - Broken 01, cracked 05, chipped 09, soiled or stained 10, wrong part 54, split seams 72.		
	ALL MODELS .....	ST	
G1681 33	<b>CUPBOARD REPAIRS</b> INCLUDES:- Overhead cupboards, drawers, closet shelves, doors, etc. Applicable failure code: - Broken 01, cracked 05, chipped 09, misaligned 25, misadjusted 26, poor fit 55.		
	ALL MODELS .....	ST	
G1701 00	<b><i>Water System</i></b> <b>WATER TANK — R&amp;R</b> Applicable failure code: - Cracked 05, leaks 42.		
	ALL MODELS .....	1.8	
G1711 00	<b>WATER TANK SENDING UNIT — R&amp;R</b> Applicable failure code: - Broken 01, seized 15, leaks 42, electrical failures 50.		
	ALL MODELS .....	1.3	
G1721 00	<b>WATER PUMP ASSEMBLY — R&amp;R</b> Applicable failure code: - Broken 01, seized 15, leaks 42, electrical failures 50.		
	ALL MODELS .....	1.2	
	ADD:		
	To R&R Pressure Switch .....	.1	
G1731 00	<b>HOSE, WATER PUMP PRESSURE — R&amp;R</b> Applicable failure code: - Cracked 05, leaks 42.		
	ALL MODELS .....	1.2	
G1741 00	<b>BELT, WATER PUMP DRIVE — R&amp;R</b> Applicable failure code: - Broken 01, worn 06.		
	ALL MODELS .....	.2	
G1751 33	<b>MOTOR, WATER PUMP — REPLACE</b> Applicable failure code: - Broken 01, seized 15, electrical failures 50.		
	ALL MODELS .....	.2	
	ADD: To Repair Motor.....	ST	







OPERATION NUMBER	LIVING AREA COMPONENTS AND SYSTEMS OPERATION DESCRIPTION	OPERATION TIMES
G1831 00	<b>HOLDING TANK — R&amp;R</b> Applicable failure code: - <i>Torn or punctured 04, cracked 05, leaks 42.</i> ALL MODELS .....	.6
G1851 33	<p style="text-align: center;"><i><b>Thermasan Unit</b></i></p> <b>THERMASAN REPAIRS</b> INCLUDES:- Any repairs made to controls, sensors, wiring pump, etc. Applicable failure code: - <i>Broken 01, seized 15, misadjusted 26, leaks 42, electrical failures 50, inoperative 56.</i> ALL MODELS .....	ST
G1911 26	<p style="text-align: center;"><i><b>Propane Fuel System</b></i></p> <b>PROPANE TANK — R&amp;R</b> <b>(TANK MUST BE EMPTY)</b> <i>Assembly Replacement Requires Prior Zone Approval.</i> Applicable failure code: - <i>Broken 01, cracked 05, leaks 42.</i> ALL MODELS .....	.5
G1921 00	<b>REGULATOR VALVE — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, leaks 42.</i> ALL MODELS .....	.2
G1931 00	<b>HAND VALVE — R&amp;R</b> Applicable failure code: - <i>Broken 01, cracked 05, leaks 42.</i> ALL MODELS .....	.2
G1941 00	<b>MONITORING VALVE</b> Applicable failure code: - <i>Broken 01, leaks 42.</i> ALL MODELS .....	.2







Date\_\_\_\_\_

Request that the time allowance on the following operation be reviewed because a repetition of this operation has occurred in our shop a sufficient number of times to establish the time suggested as our average.

MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ YEAR MFD. \_\_\_\_\_  
AXLE \_\_\_\_\_ TRANS. \_\_\_\_\_ ENGINE \_\_\_\_\_

<b>Flat Rate Oper. No.</b>	<b>Flat Rate Time</b>	<b>Flat Rate Manual No.</b>	<b>Our Shop Average Time</b>

Describe how operation was performed\_\_\_\_\_

(Use Reverse Side of This Page if Required)

DEALER \_\_\_\_\_ ZONE \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

ALL NECESSARY SPECIAL TOOLS AND SHOP EQUIPMENT WERE USED TO OBTAIN OUR ABOVE AVERAGE TIME.

(Signed)



# WINTER 1961

The first of the winter season was a very mild one, with temperatures in the 40's and 50's. The snow was light and melted quickly. The weather was very pleasant for the time of year.

The second of the winter season was a very cold one, with temperatures in the 20's and 30's. The snow was heavy and lasted for several days. The weather was very unpleasant for the time of year.

The third of the winter season was a very cold one, with temperatures in the 20's and 30's. The snow was heavy and lasted for several days. The weather was very unpleasant for the time of year.

The fourth of the winter season was a very cold one, with temperatures in the 20's and 30's. The snow was heavy and lasted for several days. The weather was very unpleasant for the time of year.

The fifth of the winter season was a very cold one, with temperatures in the 20's and 30's. The snow was heavy and lasted for several days. The weather was very unpleasant for the time of year.

The sixth of the winter season was a very cold one, with temperatures in the 20's and 30's. The snow was heavy and lasted for several days. The weather was very unpleasant for the time of year.



# \$3.00 — \$3.95 SELLING PRICE COMPUTATION TABLE

Hours	3 00	3 05	3 10	3 15	3 20	3 25	3 30	3 35	3 40	3 45	3 50	3 55	3 60	3 65	3 70	3 75	3 80	3 85	3 90	3 95
1	30	30	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40
2	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
3	90	92	93	95	96	98	99	101	102	104	105	107	108	110	111	113	114	116	117	119
4	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158
5	150	153	155	158	160	163	165	168	170	173	175	178	180	183	185	188	190	193	195	198
6	180	183	186	189	192	195	198	201	204	207	210	213	216	219	222	225	228	231	234	237
7	210	214	217	221	224	228	231	235	238	242	245	249	252	256	259	263	266	270	273	277
8	240	244	248	252	256	260	264	268	272	276	280	284	288	292	296	300	304	308	312	316
9	270	275	279	284	288	293	297	302	306	311	315	320	324	329	333	338	342	347	351	356
10	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395
20	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790
30	900	915	930	945	960	975	990	1005	1020	1035	1050	1065	1080	1095	1110	1125	1140	1155	1170	1185
40	1200	1220	1240	1260	1280	1300	1320	1340	1360	1380	1400	1420	1440	1460	1480	1500	1520	1540	1560	1580
50	1500	1525	1550	1575	1600	1625	1650	1675	1700	1725	1750	1775	1800	1825	1850	1875	1900	1925	1950	1975
60	1800	1830	1860	1890	1920	1950	1980	2010	2040	2070	2100	2130	2160	2190	2220	2250	2280	2310	2340	2370
70	2100	2135	2170	2205	2240	2275	2310	2345	2380	2415	2450	2485	2520	2555	2590	2625	2660	2695	2730	2765
80	2400	2440	2480	2520	2560	2600	2640	2680	2720	2760	2800	2840	2880	2920	2960	3000	3040	3080	3120	3160
90	2700	2745	2790	2835	2880	2925	2970	3015	3060	3105	3150	3195	3240	3285	3330	3375	3420	3465	3510	3555
100	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950
110	3300	3355	3410	3465	3520	3575	3630	3685	3740	3795	3850	3905	3960	4015	4070	4125	4180	4235	4290	4345
120	3600	3660	3720	3780	3840	3900	3960	4020	4080	4140	4200	4260	4320	4380	4440	4500	4560	4620	4680	4740
130	3900	3965	4030	4095	4160	4225	4290	4355	4420	4485	4550	4615	4680	4745	4810	4875	4940	5005	5070	5135
140	4200	4270	4340	4410	4480	4550	4620	4690	4760	4830	4900	4970	5040	5110	5180	5250	5320	5390	5460	5530
150	4500	4575	4650	4725	4800	4875	4950	5025	5100	5175	5250	5325	5400	5475	5550	5625	5700	5775	5850	5925
160	4800	4880	4960	5040	5120	5200	5280	5360	5440	5520	5600	5680	5760	5840	5920	6000	6080	6160	6240	6320
170	5100	5185	5270	5355	5440	5525	5610	5695	5780	5865	5950	6035	6120	6205	6290	6375	6460	6545	6630	6715
180	5400	5490	5580	5670	5760	5850	5940	6030	6120	6210	6300	6390	6480	6570	6660	6750	6840	6930	7020	7110
190	5700	5795	5890	5985	6080	6175	6270	6365	6460	6555	6650	6745	6840	6935	7030	7125	7220	7315	7410	7505
200	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	7500	7600	7700	7800	7900



# \$4.00 - \$4.95 SELLING PRICE COMPUTATION TABLE

Hours	4.00	4.05	4.10	4.15	4.20	4.25	4.30	4.35	4.40	4.45	4.50	4.55	4.60	4.65	4.70	4.75	4.80	4.85	4.90	4.95
1	40	40	41	42	42	43	43	44	44	45	45	46	46	47	47	48	48	49	49	50
2	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
3	1.20	1.22	1.23	1.25	1.26	1.28	1.29	1.31	1.32	1.34	1.35	1.37	1.38	1.40	1.41	1.43	1.44	1.46	1.47	1.49
4	1.60	1.62	1.64	1.66	1.68	1.70	1.72	1.74	1.76	1.78	1.80	1.82	1.84	1.86	1.88	1.90	1.92	1.94	1.96	1.98
5	2.00	2.03	2.05	2.08	2.10	2.13	2.15	2.18	2.20	2.23	2.25	2.28	2.30	2.33	2.35	2.38	2.40	2.43	2.45	2.48
6	2.40	2.43	2.46	2.49	2.52	2.55	2.58	2.61	2.64	2.67	2.70	2.73	2.76	2.79	2.82	2.85	2.88	2.91	2.94	2.97
7	2.80	2.84	2.87	2.91	2.94	2.98	3.01	3.05	3.08	3.12	3.15	3.19	3.22	3.26	3.29	3.33	3.36	3.40	3.43	3.47
8	3.20	3.24	3.28	3.32	3.36	3.40	3.44	3.48	3.52	3.56	3.60	3.64	3.68	3.72	3.76	3.80	3.84	3.88	3.92	3.96
9	3.60	3.65	3.69	3.74	3.78	3.83	3.87	3.92	3.96	4.01	4.05	4.10	4.14	4.19	4.23	4.28	4.32	4.37	4.41	4.46
10	4.00	4.05	4.10	4.15	4.20	4.25	4.30	4.35	4.40	4.45	4.50	4.55	4.60	4.65	4.70	4.75	4.80	4.85	4.90	4.95
20	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90
30	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85
40	16.00	16.20	16.40	16.60	16.80	17.00	17.20	17.40	17.60	17.80	18.00	18.20	18.40	18.60	18.80	19.00	19.20	19.40	19.60	19.80
50	20.00	20.25	20.50	20.75	21.00	21.25	21.50	21.75	22.00	22.25	22.50	22.75	23.00	23.25	23.50	23.75	24.00	24.25	24.50	24.75
60	24.00	24.30	24.60	24.90	25.20	25.50	25.80	26.10	26.40	26.70	27.00	27.30	27.60	27.90	28.20	28.50	28.80	29.10	29.40	29.70
70	28.00	28.35	28.70	29.05	29.40	29.75	30.10	30.45	30.80	31.15	31.50	31.85	32.20	32.55	32.90	33.25	33.60	33.95	34.30	34.65
80	32.00	32.40	32.80	33.20	33.60	34.00	34.40	34.80	35.20	35.60	36.00	36.40	36.80	37.20	37.60	38.00	38.40	38.80	39.20	39.60
90	36.00	36.45	36.90	37.35	37.80	38.25	38.70	39.15	39.60	40.05	40.50	40.95	41.40	41.85	42.30	42.75	43.20	43.65	44.10	44.55
100	40.00	40.50	41.00	41.50	42.00	42.50	43.00	43.50	44.00	44.50	45.00	45.50	46.00	46.50	47.00	47.50	48.00	48.50	49.00	49.50
110	44.00	44.55	45.10	45.65	46.20	46.75	47.30	47.85	48.40	48.95	49.50	50.05	50.60	51.15	51.70	52.25	52.80	53.35	53.90	54.45
120	48.00	48.60	49.20	49.80	50.40	51.00	51.60	52.20	52.80	53.40	54.00	54.60	55.20	55.80	56.40	57.00	57.60	58.20	58.80	59.40
130	52.00	52.65	53.30	53.95	54.60	55.25	55.90	56.55	57.20	57.85	58.50	59.15	59.80	60.45	61.10	61.75	62.40	63.05	63.70	64.35
140	56.00	56.70	57.40	58.10	58.80	59.50	60.20	60.90	61.60	62.30	63.00	63.70	64.40	65.10	65.80	66.50	67.20	67.90	68.60	69.30
150	60.00	60.75	61.50	62.25	63.00	63.75	64.50	65.25	66.00	66.75	67.50	68.25	69.00	69.75	70.50	71.25	72.00	72.75	73.50	74.25
160	64.00	64.80	65.60	66.40	67.20	68.00	68.80	69.60	70.40	71.20	72.00	72.80	73.60	74.40	75.20	76.00	76.80	77.60	78.40	79.20
170	68.00	68.85	69.70	70.55	71.40	72.25	73.10	73.95	74.80	75.65	76.50	77.35	78.20	79.05	79.90	80.75	81.60	82.45	83.30	84.15
180	72.00	72.90	73.80	74.70	75.60	76.50	77.40	78.30	79.20	80.10	81.00	81.90	82.80	83.70	84.60	85.50	86.40	87.30	88.20	89.10
190	76.00	76.95	77.90	78.85	79.80	80.75	81.70	82.65	83.60	84.55	85.50	86.45	87.40	88.35	89.30	90.25	91.20	92.15	93.10	94.05
200	80.00	81.00	82.00	83.00	84.00	85.00	86.00	87.00	88.00	89.00	90.00	91.00	92.00	93.00	94.00	95.00	96.00	97.00	98.00	99.00



# \$5.00 — \$5.95 SELLING PRICE COMPUTATION TABLE

Hours	5 00	5 05	5 10	5 15	5 20	5 25	5 30	5 35	5 40	5 45	5 50	5 55	5 60	5 65	5 70	5 75	5 80	5 85	5 90	5 95
1	50	51	51	52	52	53	53	54	54	55	55	56	56	57	57	58	58	59	60	60
2	1 00	1 01	1 02	1 03	1 04	1 05	1 06	1 07	1 08	1 09	1 10	1 11	1 12	1 13	1 14	1 15	1 16	1 17	1 18	1 19
3	1 50	1 52	1 53	1 55	1 56	1 58	1 59	1 61	1 62	1 64	1 65	1 67	1 68	1 70	1 71	1 73	1 74	1 76	1 77	1 79
4	2 00	2 02	2 04	2 06	2 08	2 10	2 12	2 14	2 16	2 18	2 20	2 22	2 24	2 26	2 28	2 30	2 32	2 34	2 36	2 38
5	2 50	2 53	2 55	2 58	2 60	2 63	2 65	2 68	2 70	2 73	2 75	2 78	2 80	2 83	2 85	2 88	2 90	2 93	2 95	2 98
6	3 00	3 03	3 06	3 09	3 12	3 15	3 18	3 21	3 24	3 27	3 30	3 33	3 36	3 39	3 42	3 45	3 48	3 51	3 54	3 57
7	3 50	3 54	3 57	3 61	3 64	3 68	3 71	3 75	3 78	3 82	3 85	3 89	3 92	3 96	3 99	4 03	4 06	4 10	4 13	4 17
8	4 00	4 04	4 08	4 12	4 16	4 20	4 24	4 28	4 32	4 36	4 40	4 44	4 48	4 52	4 56	4 60	4 64	4 68	4 72	4 76
9	4 50	4 55	4 59	4 64	4 68	4 73	4 77	4 82	4 86	4 91	4 95	5 00	5 04	5 09	5 13	5 18	5 22	5 27	5 31	5 36
10	5 00	5 05	5 10	5 15	5 20	5 25	5 30	5 35	5 40	5 45	5 50	5 55	5 60	5 65	5 70	5 75	5 80	5 85	5 90	5 95
20	10 00	10 10	10 20	10 30	10 40	10 50	10 60	10 70	10 80	10 90	11 00	11 10	11 20	11 30	11 40	11 50	11 60	11 70	11 80	11 90
30	15 00	15 15	15 30	15 45	15 60	15 75	15 90	16 05	16 20	16 35	16 50	16 65	16 80	16 95	17 10	17 25	17 40	17 55	17 70	17 85
40	20 00	20 20	20 40	20 60	20 80	21 00	21 20	21 40	21 60	21 80	22 00	22 20	22 40	22 60	22 80	23 00	23 20	23 40	23 60	23 80
50	25 00	25 25	25 50	25 75	26 00	26 25	26 50	26 75	27 00	27 25	27 50	27 75	28 00	28 25	28 50	28 75	29 00	29 25	29 50	29 75
60	30 00	30 30	30 60	30 90	31 20	31 50	31 80	32 10	32 40	32 70	33 00	33 30	33 60	33 90	34 20	34 50	34 80	35 10	35 40	35 70
70	35 00	35 35	35 70	36 05	36 40	36 75	37 10	37 45	37 80	38 15	38 50	38 85	39 20	39 55	39 90	40 25	40 60	40 95	41 30	41 65
80	40 00	40 40	40 80	41 20	41 60	42 00	42 40	42 80	43 20	43 60	44 00	44 40	44 80	45 20	45 60	46 00	46 40	46 80	47 20	47 60
90	45 00	45 45	45 90	46 35	46 80	47 25	47 70	48 15	48 60	49 05	49 50	49 95	50 40	50 85	51 30	51 75	52 20	52 65	53 10	53 55
100	50 00	50 50	51 00	51 50	52 00	52 50	53 00	53 50	54 00	54 50	55 00	55 50	56 00	56 50	57 00	57 50	58 00	58 50	59 00	59 50
110	55 00	55 55	56 10	56 65	57 20	57 75	58 30	58 85	59 40	59 95	60 50	61 05	61 60	62 15	62 70	63 25	63 80	64 35	64 90	65 45
120	60 00	60 60	61 20	61 80	62 40	63 00	63 60	64 20	64 80	65 40	66 00	66 60	67 20	67 80	68 40	69 00	69 60	70 20	70 80	71 40
130	65 00	65 65	66 30	66 95	67 60	68 25	68 90	69 55	70 20	70 85	71 50	72 15	72 80	73 45	74 10	74 75	75 40	76 05	76 70	77 35
140	70 00	70 70	71 40	72 10	72 80	73 50	74 20	74 90	75 60	76 30	77 00	77 70	78 40	79 10	79 80	80 50	81 20	81 90	82 60	83 30
150	75 00	75 75	76 50	77 25	78 00	78 75	79 50	80 25	81 00	81 75	82 50	83 25	84 00	84 75	85 50	86 25	87 00	87 75	88 50	89 25
160	80 00	80 80	81 60	82 40	83 20	84 00	84 80	85 60	86 40	87 20	88 00	88 80	89 60	90 40	91 20	92 00	92 80	93 60	94 40	95 20
170	85 00	85 85	86 70	87 55	88 40	89 25	90 10	90 95	91 80	92 65	93 50	94 35	95 20	96 05	96 90	97 75	98 60	99 45	100 30	101 15
180	90 00	90 90	91 80	92 70	93 60	94 50	95 40	96 30	97 20	98 10	99 00	99 90	100 80	101 70	102 60	103 50	104 40	105 30	106 20	107 10
190	95 00	95 95	96 90	97 85	98 80	99 75	100 70	101 65	102 60	103 55	104 50	105 45	106 40	107 35	108 30	109 25	110 20	111 15	112 10	113 05
200	100 00	101 00	102 00	103 00	104 00	105 00	106 00	107 00	108 00	109 00	110 00	111 00	112 00	113 00	114 00	115 00	116 00	117 00	118 00	119 00



# \$6.00 — \$6.95 SELLING PRICE COMPUTATION TABLE

Hours	6.00	6.05	6.10	6.15	6.20	6.25	6.30	6.35	6.40	6.45	6.50	6.55	6.60	6.65	6.70	6.75	6.80	6.85	6.90	6.95
1	.60	.61	.61	.62	.62	.63	.63	.64	.64	.65	.65	.66	.66	.67	.67	.68	.68	.69	.69	.70
2	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39
3	1.80	1.82	1.83	1.85	1.86	1.88	1.89	1.91	1.92	1.94	1.95	1.97	1.98	2.00	2.01	2.03	2.04	2.06	2.07	2.09
4	2.40	2.42	2.44	2.46	2.48	2.50	2.52	2.54	2.56	2.58	2.60	2.62	2.64	2.66	2.68	2.70	2.72	2.74	2.76	2.78
5	3.00	3.03	3.05	3.08	3.10	3.13	3.15	3.18	3.20	3.23	3.25	3.28	3.30	3.33	3.35	3.38	3.40	3.43	3.45	3.48
6	3.60	3.63	3.66	3.69	3.72	3.75	3.78	3.81	3.84	3.87	3.90	3.93	3.96	3.99	4.02	4.05	4.08	4.11	4.14	4.17
7	4.20	4.24	4.27	4.31	4.34	4.38	4.41	4.45	4.48	4.52	4.55	4.59	4.62	4.66	4.69	4.73	4.76	4.80	4.83	4.87
8	4.80	4.84	4.88	4.92	4.96	5.00	5.04	5.08	5.12	5.16	5.20	5.24	5.28	5.32	5.36	5.40	5.44	5.48	5.52	5.56
9	5.40	5.45	5.49	5.54	5.58	5.63	5.67	5.72	5.76	5.81	5.85	5.90	5.94	5.99	6.03	6.08	6.12	6.17	6.21	6.26
10	6.00	6.05	6.10	6.15	6.20	6.25	6.30	6.35	6.40	6.45	6.50	6.55	6.60	6.65	6.70	6.75	6.80	6.85	6.90	6.95
20	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90
30	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85
40	24.00	24.20	24.40	24.60	24.80	25.00	25.20	25.40	25.60	25.80	26.00	26.20	26.40	26.60	26.80	27.00	27.20	27.40	27.60	27.80
50	30.00	30.25	30.50	30.75	31.00	31.25	31.50	31.75	32.00	32.25	32.50	32.75	33.00	33.25	33.50	33.75	34.00	34.25	34.50	34.75
60	36.00	36.30	36.60	36.90	37.20	37.50	37.80	38.10	38.40	38.70	39.00	39.30	39.60	39.90	40.20	40.50	40.80	41.10	41.40	41.70
70	42.00	42.35	42.70	43.05	43.40	43.75	44.10	44.45	44.80	45.15	45.50	45.85	46.20	46.55	46.90	47.25	47.60	47.95	48.30	48.65
80	48.00	48.40	48.80	49.20	49.60	50.00	50.40	50.80	51.20	51.60	52.00	52.40	52.80	53.20	53.60	54.00	54.40	54.80	55.20	55.60
90	54.00	54.45	54.90	55.35	55.80	56.25	56.70	57.15	57.60	58.05	58.50	58.95	59.40	59.85	60.30	60.75	61.20	61.65	62.10	62.55
100	60.00	60.50	61.00*	61.50	62.00	62.50	63.00	63.50	64.00	64.50	65.00	65.50	66.00	66.50	67.00	67.50	68.00	68.50	69.00	69.50
110	66.00	66.55	67.10	67.65	68.20	68.75	69.30	69.85	70.40	70.95	71.50	72.05	72.60	73.15	73.70	74.25	74.80	75.35	75.90	76.45
120	72.00	72.60	73.20	73.80	74.40	75.00	75.60	76.20	76.80	77.40	78.00	78.60	79.20	79.80	80.40	81.00	81.60	82.20	82.80	83.40
130	78.00	78.65	79.30	79.95	80.60	81.25	81.90	82.55	83.20	83.85	84.50	85.15	85.80	86.45	87.10	87.75	88.40	89.05	89.70	90.35
140	84.00	84.70	85.40	86.10	86.80	87.50	88.20	88.90	89.60	90.30	91.00	91.70	92.40	93.10	93.80	94.50	95.20	95.90	96.60	97.30
150	90.00	90.75	91.50	92.25	93.00	93.75	94.50	95.25	96.00	96.75	97.50	98.25	99.00	99.75	100.50	101.25	102.00	102.75	103.50	104.25
160	96.00	96.80	97.60	98.40	99.20	100.00	100.80	101.60	102.40	103.20	104.00	104.80	105.60	106.40	107.20	108.00	108.80	109.60	110.40	111.20
170	102.00	102.85	103.70	104.55	105.40	106.25	107.10	107.95	108.80	109.65	110.50	111.35	112.20	113.05	113.90	114.75	115.60	116.45	117.30	118.15
180	108.00	108.90	109.80	110.70	111.60	112.50	113.40	114.30	115.20	116.10	117.00	117.90	118.80	119.70	120.60	121.50	122.40	123.30	124.20	125.10
190	114.00	114.95	115.90	116.85	117.80	118.75	119.70	120.65	121.60	122.55	123.50	124.45	125.40	126.35	127.30	128.25	129.20	130.15	131.10	132.05
200	120.00	121.00	122.00	123.00	124.00	125.00	126.00	127.00	128.00	129.00	130.00	131.00	132.00	133.00	134.00	135.00	136.00	137.00	138.00	139.00



# \$7.00 - \$7.95 SELLING PRICE COMPUTATION TABLE

Hours	7.00	7.05	7.10	7.15	7.20	7.25	7.30	7.35	7.40	7.45	7.50	7.55	7.60	7.65	7.70	7.75	7.80	7.85	7.90	7.95
.1	.70	.71	.71	.72	.72	.73	.73	.74	.74	.75	.75	.76	.76	.77	.77	.78	.78	.79	.79	.80
.2	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59
.3	2.10	2.12	2.13	2.15	2.16	2.18	2.19	2.21	2.22	2.24	2.25	2.27	2.28	2.30	2.31	2.33	2.34	2.36	2.37	2.39
.4	2.80	2.82	2.84	2.86	2.88	2.90	2.92	2.94	2.96	2.98	3.00	3.02	3.04	3.06	3.08	3.10	3.12	3.14	3.16	3.18
.5	3.50	3.53	3.55	3.58	3.60	3.63	3.65	3.68	3.70	3.73	3.75	3.78	3.80	3.83	3.85	3.88	3.90	3.93	3.95	3.98
.6	4.20	4.23	4.26	4.29	4.32	4.35	4.38	4.41	4.44	4.47	4.50	4.53	4.56	4.59	4.62	4.65	4.68	4.71	4.74	4.77
.7	4.90	4.94	4.97	5.01	5.04	5.08	5.11	5.15	5.18	5.22	5.25	5.29	5.32	5.36	5.39	5.43	5.46	5.50	5.53	5.57
.8	5.60	5.64	5.68	5.72	5.76	5.80	5.84	5.88	5.92	5.96	6.00	6.04	6.08	6.12	6.16	6.20	6.24	6.28	6.32	6.36
.9	6.30	6.35	6.39	6.44	6.48	6.53	6.57	6.62	6.66	6.71	6.75	6.80	6.84	6.89	6.93	6.98	7.02	7.07	7.11	7.16
1.0	7.00	7.05	7.10	7.15	7.20	7.25	7.30	7.35	7.40	7.45	7.50	7.55	7.60	7.65	7.70	7.75	7.80	7.85	7.90	7.95
2.0	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90
3.0	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85
4.0	28.00	28.20	28.40	28.60	28.80	29.00	29.20	29.40	29.60	29.80	30.00	30.20	30.40	30.60	30.80	31.00	31.20	31.40	31.60	31.80
5.0	35.00	35.25	35.50	35.75	36.00	36.25	36.50	36.75	37.00	37.25	37.50	37.75	38.00	38.25	38.50	38.75	39.00	39.25	39.50	39.75
6.0	42.00	42.30	42.60	42.90	43.20	43.50	43.80	44.10	44.40	44.70	45.00	45.30	45.60	45.90	46.20	46.50	46.80	47.10	47.40	47.70
7.0	49.00	49.35	49.70	50.05	50.40	50.75	51.10	51.45	51.80	52.15	52.50	52.85	53.20	53.55	53.90	54.25	54.60	54.95	55.30	55.65
8.0	56.00	56.40	56.80	57.20	57.60	58.00	58.40	58.80	59.20	59.60	60.00	60.40	60.80	61.20	61.60	62.00	62.40	62.80	63.20	63.60
9.0	63.00	63.45	63.90	64.35	64.80	65.25	65.70	66.15	66.60	67.05	67.50	67.95	68.40	68.85	69.30	69.75	70.20	70.65	71.10	71.55
10.0	70.00	70.50	71.00	71.50	72.00	72.50	73.00	73.50	74.00	74.50	75.00	75.50	76.00	76.50	77.00	77.50	78.00	78.50	79.00	79.50
11.0	77.00	77.55	78.10	78.65	79.20	79.75	80.30	80.85	81.40	81.95	82.50	83.05	83.60	84.15	84.70	85.25	85.80	86.35	86.90	87.45
12.0	84.00	84.60	85.20	85.80	86.40	87.00	87.60	88.20	88.80	89.40	90.00	90.60	91.20	91.80	92.40	93.00	93.60	94.20	94.80	95.40
13.0	91.00	91.65	92.30	92.95	93.60	94.25	94.90	95.55	96.20	96.85	97.50	98.15	98.80	99.45	100.10	100.75	101.40	102.05	102.70	103.35
14.0	98.00	98.70	99.40	100.10	100.80	101.50	102.20	102.90	103.60	104.30	105.00	105.70	106.40	107.10	107.80	108.50	109.20	109.90	110.60	111.30
15.0	105.00	105.75	106.50	107.25	108.00	108.75	109.50	110.25	111.00	111.75	112.50	113.25	114.00	114.75	115.50	116.25	117.00	117.75	118.50	119.25
16.0	112.00	112.80	113.60	114.40	115.20	116.00	116.80	117.60	118.40	119.20	120.00	120.80	121.60	122.40	123.20	124.00	124.80	125.60	126.40	127.20
17.0	119.00	119.85	120.70	121.55	122.40	123.25	124.10	124.95	125.80	126.65	127.50	128.35	129.20	130.05	130.90	131.75	132.60	133.45	134.30	135.15
18.0	126.00	126.90	127.80	128.70	129.60	130.50	131.40	132.30	133.20	134.10	135.00	135.90	136.80	137.70	138.60	139.50	140.40	141.30	142.20	143.10
19.0	133.00	133.95	134.90	135.85	136.80	137.75	138.70	139.65	140.60	141.55	142.50	143.45	144.40	145.35	146.30	147.25	148.20	149.15	150.10	151.05
20.0	140.00	141.00	142.00	143.00	144.00	145.00	146.00	147.00	148.00	149.00	150.00	151.00	152.00	153.00	154.00	155.00	156.00	157.00	158.00	159.00



# \$8.00 - \$8.95 SELLING PRICE COMPUTATION TABLE

Hours	8.00	8.05	8.10	8.15	8.20	8.25	8.30	8.35	8.40	8.45	8.50	8.55	8.60	8.65	8.70	8.75	8.80	8.85	8.90	8.95
1	.80	.81	.81	.82	.82	.83	.83	.84	.84	.85	.85	.86	.86	.87	.87	.88	.88	.89	.89	.90
2	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79
3	2.40	2.42	2.43	2.45	2.46	2.48	2.49	2.51	2.52	2.54	2.55	2.57	2.58	2.60	2.61	2.63	2.64	2.66	2.67	2.69
4	3.20	3.22	3.24	3.26	3.28	3.30	3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.46	3.48	3.50	3.52	3.54	3.56	3.58
5	4.00	4.03	4.05	4.08	4.10	4.13	4.15	4.18	4.20	4.23	4.25	4.28	4.30	4.33	4.35	4.38	4.40	4.43	4.45	4.48
6	4.80	4.83	4.86	4.89	4.92	4.95	4.98	5.01	5.04	5.07	5.10	5.13	5.16	5.19	5.22	5.25	5.28	5.31	5.34	5.37
7	5.60	5.64	5.67	5.71	5.74	5.78	5.81	5.85	5.88	5.92	5.95	5.99	6.02	6.06	6.09	6.13	6.16	6.20	6.23	6.27
8	6.40	6.44	6.48	6.52	6.56	6.60	6.64	6.68	6.72	6.76	6.80	6.84	6.88	6.92	6.96	7.00	7.04	7.08	7.12	7.16
9	7.20	7.25	7.29	7.34	7.38	7.43	7.47	7.52	7.56	7.61	7.65	7.70	7.74	7.79	7.83	7.88	7.92	7.97	8.01	8.06
10	8.00	8.05	8.10	8.15	8.20	8.25	8.30	8.35	8.40	8.45	8.50	8.55	8.60	8.65	8.70	8.75	8.80	8.85	8.90	8.95
20	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90
30	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85
40	32.00	32.20	32.40	32.60	32.80	33.00	33.20	33.40	33.60	33.80	34.00	34.20	34.40	34.60	34.80	35.00	35.20	35.40	35.60	35.80
50	40.00	40.25	40.50	40.75	41.00	41.25	41.50	41.75	42.00	42.25	42.50	42.75	43.00	43.25	43.50	43.75	44.00	44.25	44.50	44.75
60	48.00	48.30	48.60	48.90	49.20	49.50	49.80	50.10	50.40	50.70	51.00	51.30	51.60	51.90	52.20	52.50	52.80	53.10	53.40	53.70
70	56.00	56.35	56.70	57.05	57.40	57.75	58.10	58.45	58.80	59.15	59.50	59.85	60.20	60.55	60.90	61.25	61.60	61.95	62.30	62.65
80	64.00	64.40	64.80	65.20	65.60	66.00	66.40	66.80	67.20	67.60	68.00	68.40	68.80	69.20	69.60	70.00	70.40	70.80	71.20	71.60
90	72.00	72.45	72.90	73.35	73.80	74.25	74.70	75.15	75.60	76.05	76.50	76.95	77.40	77.85	78.30	78.75	79.20	79.65	80.10	80.55
100	80.00	80.50	81.00	81.50	82.00	82.50	83.00	83.50	84.00	84.50	85.00	85.50	86.00	86.50	87.00	87.50	88.00	88.50	89.00	89.50
110	88.00	88.55	89.10	89.65	90.20	90.75	91.30	91.85	92.40	92.95	93.50	94.05	94.60	95.15	95.70	96.25	96.80	97.35	97.90	98.45
120	96.00	96.60	97.20	97.80	98.40	99.00	99.60	100.20	100.80	101.40	102.00	102.60	103.20	103.80	104.40	105.00	105.60	106.20	106.80	107.40
130	104.00	104.65	105.30	105.95	106.60	107.25	107.90	108.55	109.20	109.85	110.50	111.15	111.80	112.45	113.10	113.75	114.40	115.05	115.70	116.35
140	112.00	112.70	113.40	114.10	114.80	115.50	116.20	116.90	117.60	118.30	119.00	119.70	120.40	121.10	121.80	122.50	123.20	123.90	124.60	125.30
150	120.00	120.75	121.50	122.25	123.00	123.75	124.50	125.25	126.00	126.75	127.50	128.25	129.00	129.75	130.50	131.25	132.00	132.75	133.50	134.25
160	128.00	128.80	129.60	130.40	131.20	132.00	132.80	133.60	134.40	135.20	136.00	136.80	137.60	138.40	139.20	140.00	140.80	141.60	142.40	143.20
170	136.00	136.85	137.70	138.55	139.40	140.25	141.10	141.95	142.80	143.65	144.50	145.35	146.20	147.05	147.90	148.75	149.60	150.45	151.30	152.15
180	144.00	144.90	145.80	146.70	147.60	148.50	149.40	150.30	151.20	152.10	153.00	153.90	154.80	155.70	156.60	157.50	158.40	159.30	160.20	161.10
190	152.00	152.95	153.90	154.85	155.80	156.75	157.70	158.65	159.60	160.55	161.50	162.45	163.40	164.35	165.30	166.25	167.20	168.15	169.10	170.05
200	160.00	161.00	162.00	163.00	164.00	165.00	166.00	167.00	168.00	169.00	170.00	171.00	172.00	173.00	174.00	175.00	176.00	177.00	178.00	179.00



# \$9.00 — \$9.95 SELLING PRICE COMPUTATION TABLE

Hours	9.00	9.05	9.10	9.15	9.20	9.25	9.30	9.35	9.40	9.45	9.50	9.55	9.60	9.65	9.70	9.75	9.80	9.85	9.90	9.95
1	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	1.00
2	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99
3	2.70	2.72	2.73	2.75	2.76	2.78	2.79	2.81	2.82	2.84	2.85	2.87	2.88	2.90	2.91	2.93	2.94	2.96	2.97	2.99
4	3.60	3.62	3.64	3.66	3.68	3.70	3.72	3.74	3.76	3.78	3.80	3.82	3.84	3.86	3.88	3.90	3.92	3.94	3.96	3.98
5	4.50	4.53	4.55	4.58	4.60	4.63	4.65	4.68	4.70	4.73	4.75	4.78	4.80	4.83	4.85	4.88	4.90	4.93	4.95	4.98
6	5.40	5.43	5.46	5.49	5.52	5.55	5.58	5.61	5.64	5.67	5.70	5.73	5.76	5.79	5.82	5.85	5.88	5.91	5.94	5.97
7	6.30	6.34	6.37	6.41	6.44	6.48	6.51	6.55	6.58	6.62	6.65	6.69	6.72	6.76	6.79	6.83	6.86	6.90	6.93	6.97
8	7.20	7.24	7.28	7.32	7.36	7.40	7.44	7.48	7.52	7.56	7.60	7.64	7.68	7.72	7.76	7.80	7.84	7.88	7.92	7.96
9	8.10	8.15	8.19	8.24	8.28	8.33	8.37	8.42	8.46	8.51	8.55	8.60	8.64	8.69	8.73	8.78	8.82	8.87	8.91	8.96
10	9.00	9.05	9.10	9.15	9.20	9.25	9.30	9.35	9.40	9.45	9.50	9.55	9.60	9.65	9.70	9.75	9.80	9.85	9.90	9.95
2.0	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90
3.0	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85
4.0	36.00	36.20	36.40	36.60	36.80	37.00	37.20	37.40	37.60	37.80	38.00	38.20	38.40	38.60	38.80	39.00	39.20	39.40	39.60	39.80
5.0	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75
6.0	54.00	54.30	54.60	54.90	55.20	55.50	55.80	56.10	56.40	56.70	57.00	57.30	57.60	57.90	58.20	58.50	58.80	59.10	59.40	59.70
7.0	63.00	63.35	63.70	64.05	64.40	64.75	65.10	65.45	65.80	66.15	66.50	66.85	67.20	67.55	67.90	68.25	68.60	68.95	69.30	69.65
8.0	72.00	72.40	72.80	73.20	73.60	74.00	74.40	74.80	75.20	75.60	76.00	76.40	76.80	77.20	77.60	78.00	78.40	78.80	79.20	79.60
9.0	81.00	81.45	81.90	82.35	82.80	83.25	83.70	84.15	84.60	85.05	85.50	85.95	86.40	86.85	87.30	87.75	88.20	88.65	89.10	89.55
10.0	90.00	90.50	91.00	91.50	92.00	92.50	93.00	93.50	94.00	94.50	95.00	95.50	96.00	96.50	97.00	97.50	98.00	98.50	99.00	99.50
11.0	99.00	99.55	100.10	100.65	101.20	101.75	102.30	102.85	103.40	103.95	104.50	105.05	105.60	106.15	106.70	107.25	107.80	108.35	108.90	109.45
12.0	108.00	108.60	109.20	109.80	110.40	111.00	111.60	112.20	112.80	113.40	114.00	114.60	115.20	115.80	116.40	117.00	117.60	118.20	118.80	119.40
13.0	117.00	117.65	118.30	118.95	119.60	120.25	120.90	121.55	122.20	122.85	123.50	124.15	124.80	125.45	126.10	126.75	127.40	128.05	128.70	129.35
14.0	126.00	126.70	127.40	128.10	128.80	129.50	130.20	130.90	131.60	132.30	133.00	133.70	134.40	135.10	135.80	136.50	137.20	137.90	138.60	139.30
15.0	135.00	135.75	136.50	137.25	138.00	138.75	139.50	140.25	141.00	141.75	142.50	143.25	144.00	144.75	145.50	146.25	147.00	147.75	148.50	149.25
16.0	144.00	144.80	145.60	146.40	147.20	148.00	148.80	149.60	150.40	151.20	152.00	152.80	153.60	154.40	155.20	156.00	156.80	157.60	158.40	159.20
17.0	153.00	153.85	154.70	155.55	156.40	157.25	158.10	158.95	159.80	160.65	161.50	162.35	163.20	164.05	164.90	165.75	166.60	167.45	168.30	169.15
18.0	162.00	162.90	163.80	164.70	165.60	166.50	167.40	168.30	169.20	170.10	171.00	171.90	172.80	173.70	174.60	175.50	176.40	177.30	178.20	179.10
19.0	171.00	171.95	172.90	173.85	174.80	175.75	176.70	177.65	178.60	179.55	180.50	181.45	182.40	183.35	184.30	185.25	186.20	187.15	188.10	189.05
20.0	180.00	181.00	182.00	183.00	184.00	185.00	186.00	187.00	188.00	189.00	190.00	191.00	192.00	193.00	194.00	195.00	196.00	197.00	198.00	199.00



**\$10.00 — \$10.95 SELLING PRICE COMPUTATION TABLE**

Hours	10.00	10.05	10.10	10.15	10.20	10.25	10.30	10.35	10.40	10.45	10.50	10.55	10.60	10.65	10.70	10.75	10.80	10.85	10.90	10.95
.1	1.00	1.01	1.01	1.02	1.02	1.03	1.03	1.04	1.04	1.05	1.05	1.06	1.06	1.07	1.07	1.08	1.08	1.09	1.09	1.10
.2	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19
.3	3.00	3.02	3.03	3.05	3.06	3.08	3.09	3.11	3.12	3.14	3.15	3.17	3.18	3.20	3.21	3.23	3.24	3.26	3.27	3.29
.4	4.00	4.02	4.04	4.06	4.08	4.10	4.12	4.14	4.16	4.18	4.20	4.22	4.24	4.26	4.28	4.30	4.32	4.34	4.36	4.38
.5	5.00	5.03	5.05	5.08	5.10	5.13	5.15	5.18	5.20	5.23	5.25	5.28	5.30	5.33	5.35	5.38	5.40	5.43	5.45	5.48
.6	6.00	6.03	6.06	6.09	6.12	6.15	6.18	6.21	6.24	6.27	6.30	6.33	6.36	6.39	6.42	6.45	6.48	6.51	6.54	6.57
.7	7.00	7.04	7.07	7.11	7.14	7.18	7.21	7.25	7.28	7.33	7.35	7.39	7.42	7.39	7.42	7.53	7.56	7.60	7.63	7.67
.8	8.00	8.04	8.08	8.12	8.16	8.20	8.24	8.28	8.32	8.36	8.40	8.44	8.48	8.52	8.56	8.60	8.64	8.68	8.72	8.76
.9	9.00	9.05	9.09	9.14	9.18	9.24	9.27	9.32	9.36	9.41	9.45	9.50	9.54	9.59	9.63	9.68	9.72	9.77	9.81	9.86
1.0	10.00	10.05	10.10	10.15	10.20	10.25	10.30	10.35	10.40	10.45	10.50	10.55	10.60	10.65	10.70	10.75	10.80	10.85	10.90	10.95
2.0	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	21.00	21.15	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90
3.0	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85
4.0	40.00	40.20	40.40	40.60	40.80	41.00	41.20	41.40	41.60	41.80	42.00	42.20	42.40	42.60	42.80	43.00	43.20	43.40	43.60	43.80
5.0	50.00	50.25	50.50	50.75	51.00	51.25	51.50	51.75	52.00	52.25	52.50	52.75	53.00	53.25	53.50	53.75	54.00	54.25	54.50	54.75
6.0	60.00	60.30	60.60	60.90	61.20	61.50	61.80	62.10	62.40	62.70	63.00	63.30	63.60	63.90	64.20	64.50	64.80	65.10	65.40	65.70
7.0	70.00	70.35	70.70	71.05	71.40	71.75	72.10	72.45	72.80	73.15	73.50	73.85	74.20	74.55	74.90	75.25	75.60	75.95	76.30	76.65
8.0	80.00	80.40	80.80	81.20	81.60	82.00	82.40	82.80	83.20	83.60	84.00	84.40	84.80	85.20	85.60	86.00	86.40	86.80	87.20	87.60
9.0	90.00	90.45	90.90	91.35	91.80	92.25	92.70	93.15	93.60	94.05	94.50	94.95	95.40	95.85	96.30	96.75	97.20	97.65	98.10	98.55
10.0	100.00	100.50	101.00	101.50	102.00	102.50	103.00	103.50	104.00	104.50	105.00	105.50	106.00	106.50	107.00	107.50	108.00	108.50	109.00	109.50
11.0	110.00	110.55	111.10	111.65	112.20	112.75	113.30	113.85	114.40	114.95	115.50	116.05	116.60	117.15	117.70	118.25	118.80	119.35	119.90	120.45
12.0	120.00	120.60	121.20	121.80	122.40	123.00	123.60	124.20	124.80	125.40	126.00	126.60	127.20	127.80	128.40	129.00	129.60	130.20	130.80	131.40
13.0	130.00	130.65	131.30	131.95	132.60	133.25	133.90	134.55	135.20	135.85	136.50	137.15	137.80	138.45	139.10	139.75	140.40	141.05	141.70	142.35
14.0	140.00	140.70	141.40	142.10	142.80	143.50	144.20	144.90	145.60	146.30	147.00	147.70	148.40	149.10	149.80	150.50	151.20	151.90	152.60	153.30
15.0	150.00	150.75	151.50	152.25	153.00	153.75	154.50	155.25	156.00	156.75	157.50	158.25	159.00	159.75	160.50	161.25	162.00	162.75	163.50	164.25
16.0	160.00	160.80	161.60	162.40	163.20	164.00	164.80	165.60	166.40	167.20	168.00	168.80	169.60	170.40	171.20	172.00	172.80	173.60	174.40	175.20
17.0	170.00	170.85	171.70	172.55	173.40	174.25	175.10	175.95	176.80	177.65	178.50	179.35	180.20	181.05	181.90	182.75	183.60	184.45	185.30	186.15
18.0	180.00	180.90	181.80	182.70	183.60	184.50	185.40	186.30	187.20	188.10	189.00	189.90	190.80	191.70	192.60	193.50	194.40	195.30	196.20	197.10
19.0	190.00	190.95	191.90	192.85	193.80	194.75	195.70	196.65	197.60	198.55	199.50	200.45	201.40	202.35	203.30	204.25	205.20	206.15	207.10	208.05
20.0	200.00	201.00	202.00	203.00	204.00	205.00	206.00	207.00	208.00	209.00	210.00	211.00	212.00	213.00	214.00	215.00	216.00	217.00	218.00	219.00



**\$11.00 — \$11.95 SELLING PRICE COMPUTATION TABLE**

Hours	11.00	11.05	11.10	11.15	11.20	11.25	11.30	11.35	11.40	11.45	11.50	11.55	11.60	11.65	11.70	11.75	11.80	11.85	11.90	11.95
1	1.10	1.11	1.11	1.12	1.12	1.13	1.13	1.14	1.14	1.15	1.15	1.16	1.16	1.17	1.17	1.18	1.18	1.19	1.19	1.20
2	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39
3	3.30	3.31	3.33	3.34	3.36	3.37	3.39	3.40	3.42	3.43	3.45	3.46	3.48	3.49	3.51	3.52	3.54	3.55	3.57	3.58
4	4.40	4.42	4.44	4.46	4.48	4.50	4.52	4.54	4.56	4.58	4.60	4.62	4.64	4.66	4.68	4.70	4.72	4.74	4.76	4.78
5	5.50	5.52	5.55	5.57	5.60	5.62	5.65	5.67	5.70	5.72	5.75	5.77	5.80	5.82	5.85	5.87	5.90	5.92	5.95	5.97
6	6.60	6.63	6.66	6.69	6.72	6.75	6.78	6.81	6.84	6.87	6.90	6.93	6.96	6.99	7.02	7.05	7.08	7.11	7.14	7.17
7	7.70	7.73	7.77	7.80	7.84	7.87	7.91	7.94	7.98	8.01	8.05	8.08	8.12	8.15	8.19	8.22	8.26	8.29	8.33	8.36
8	8.80	8.84	8.88	8.92	8.96	9.00	9.04	9.08	9.12	9.16	9.20	9.24	9.28	9.32	9.36	9.40	9.44	9.48	9.52	9.56
9	9.90	9.94	9.99	10.03	10.08	10.12	10.17	10.21	10.26	10.30	10.35	10.39	10.44	10.48	10.53	10.57	10.62	10.66	10.71	10.75
10	11.00	11.05	11.10	11.15	11.20	11.25	11.30	11.35	11.40	11.45	11.50	11.55	11.60	11.65	11.70	11.75	11.80	11.85	11.90	11.95
20	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90
30	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85
40	44.00	44.20	44.40	44.60	44.80	45.00	45.20	45.40	45.60	45.80	46.00	46.20	46.40	46.60	46.80	47.00	47.20	47.40	47.60	47.80
50	55.00	55.25	55.50	55.75	56.00	56.25	56.50	56.75	57.00	57.25	57.50	57.75	58.00	58.25	58.50	58.75	59.00	59.25	59.50	59.75
60	66.00	66.30	66.60	66.90	67.20	67.50	67.80	68.10	68.40	68.70	69.00	69.30	69.60	69.90	70.20	70.50	70.80	71.10	71.40	71.70
70	77.00	77.35	77.70	78.05	78.40	78.75	79.10	79.45	79.80	80.15	80.50	80.85	81.20	81.55	81.90	82.25	82.60	82.95	83.30	83.65
80	88.00	88.40	88.80	89.20	89.60	90.00	90.40	90.80	91.20	91.60	92.00	92.40	92.80	93.20	93.60	94.00	94.40	94.80	95.20	95.60
90	99.00	99.45	99.90	100.35	100.80	101.25	101.70	102.15	102.60	103.05	103.50	103.95	104.40	104.85	105.30	105.75	106.20	106.65	107.10	107.55
100	110.00	110.50	111.00	111.50	112.00	112.50	113.00	113.50	114.00	114.50	115.00	115.50	116.00	116.50	117.00	117.50	118.00	118.50	119.00	119.50
110	121.00	121.55	122.10	122.65	123.20	123.75	124.30	124.85	125.40	125.95	126.50	127.05	127.60	128.15	128.70	129.25	129.80	130.35	130.90	131.45
120	132.00	132.60	133.20	133.80	134.40	135.00	135.60	136.20	136.80	137.40	138.00	138.60	139.20	139.80	140.40	141.00	141.60	142.20	142.80	143.40
130	143.00	143.65	144.30	144.95	145.60	146.25	146.90	147.55	148.20	148.85	149.50	150.15	150.80	151.45	152.10	152.75	153.40	154.05	154.70	155.35
140	154.00	154.70	155.40	156.10	156.80	157.50	158.20	158.90	159.60	160.30	161.00	161.70	162.40	163.10	163.80	164.50	165.20	165.90	166.60	167.30
150	165.00	165.75	166.50	167.25	168.00	168.75	169.50	170.25	171.00	171.75	172.50	173.25	174.00	174.75	175.50	176.25	177.00	177.75	178.50	179.25
160	176.00	176.80	177.60	178.40	179.20	180.00	180.80	181.60	182.40	183.20	184.00	184.80	185.60	186.40	187.20	188.00	188.80	189.60	190.40	191.20
170	187.00	187.85	188.70	189.55	190.40	191.25	192.10	192.95	193.80	194.65	195.50	196.35	197.20	198.05	198.90	199.75	200.60	201.45	202.30	203.15
180	198.00	198.90	199.80	200.70	201.60	202.50	203.40	204.30	205.20	206.10	207.00	207.90	208.80	209.70	210.60	211.50	212.40	213.30	214.20	215.10
190	209.00	209.95	210.90	211.85	212.80	213.75	214.70	215.65	216.60	217.55	218.50	219.45	220.40	221.35	222.30	223.25	224.20	225.15	226.10	227.05
200	220.00	221.00	222.00	223.00	224.00	225.00	226.00	227.00	228.00	229.00	230.00	231.00	232.00	233.00	234.00	235.00	236.00	237.00	238.00	239.00



# \$12.00 - \$12.95 SELLING PRICE COMPUTATION TABLE

Hours	12.00	12.05	12.10	12.15	12.20	12.25	12.30	12.35	12.40	12.45	12.50	12.55	12.60	12.65	12.70	12.75	12.80	12.85	12.90	12.95
1	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39
2	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59
3	3.60	3.61	3.62	3.63	3.64	3.65	3.66	3.67	3.68	3.69	3.70	3.71	3.72	3.73	3.74	3.75	3.76	3.77	3.78	3.79
4	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99
5	6.00	6.01	6.02	6.03	6.04	6.05	6.06	6.07	6.08	6.09	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19
6	7.20	7.21	7.22	7.23	7.24	7.25	7.26	7.27	7.28	7.29	7.30	7.31	7.32	7.33	7.34	7.35	7.36	7.37	7.38	7.39
7	8.40	8.41	8.42	8.43	8.44	8.45	8.46	8.47	8.48	8.49	8.50	8.51	8.52	8.53	8.54	8.55	8.56	8.57	8.58	8.59
8	9.60	9.61	9.62	9.63	9.64	9.65	9.66	9.67	9.68	9.69	9.70	9.71	9.72	9.73	9.74	9.75	9.76	9.77	9.78	9.79
9	10.80	10.81	10.82	10.83	10.84	10.85	10.86	10.87	10.88	10.89	10.90	10.91	10.92	10.93	10.94	10.95	10.96	10.97	10.98	10.99
10	12.00	12.01	12.02	12.03	12.04	12.05	12.06	12.07	12.08	12.09	12.10	12.11	12.12	12.13	12.14	12.15	12.16	12.17	12.18	12.19
11	13.20	13.21	13.22	13.23	13.24	13.25	13.26	13.27	13.28	13.29	13.30	13.31	13.32	13.33	13.34	13.35	13.36	13.37	13.38	13.39
12	14.40	14.41	14.42	14.43	14.44	14.45	14.46	14.47	14.48	14.49	14.50	14.51	14.52	14.53	14.54	14.55	14.56	14.57	14.58	14.59
13	15.60	15.61	15.62	15.63	15.64	15.65	15.66	15.67	15.68	15.69	15.70	15.71	15.72	15.73	15.74	15.75	15.76	15.77	15.78	15.79
14	16.80	16.81	16.82	16.83	16.84	16.85	16.86	16.87	16.88	16.89	16.90	16.91	16.92	16.93	16.94	16.95	16.96	16.97	16.98	16.99
15	18.00	18.01	18.02	18.03	18.04	18.05	18.06	18.07	18.08	18.09	18.10	18.11	18.12	18.13	18.14	18.15	18.16	18.17	18.18	18.19
16	19.20	19.21	19.22	19.23	19.24	19.25	19.26	19.27	19.28	19.29	19.30	19.31	19.32	19.33	19.34	19.35	19.36	19.37	19.38	19.39
17	20.40	20.41	20.42	20.43	20.44	20.45	20.46	20.47	20.48	20.49	20.50	20.51	20.52	20.53	20.54	20.55	20.56	20.57	20.58	20.59
18	21.60	21.61	21.62	21.63	21.64	21.65	21.66	21.67	21.68	21.69	21.70	21.71	21.72	21.73	21.74	21.75	21.76	21.77	21.78	21.79
19	22.80	22.81	22.82	22.83	22.84	22.85	22.86	22.87	22.88	22.89	22.90	22.91	22.92	22.93	22.94	22.95	22.96	22.97	22.98	22.99
20	24.00	24.01	24.02	24.03	24.04	24.05	24.06	24.07	24.08	24.09	24.10	24.11	24.12	24.13	24.14	24.15	24.16	24.17	24.18	24.19



**\$13.00 — \$13.95 SELLING PRICE COMPUTATION TABLE**

Hours	13.00	13.05	13.10	13.15	13.20	13.25	13.30	13.35	13.40	13.45	13.50	13.55	13.60	13.65	13.70	13.75	13.80	13.85	13.90	13.95
1	1.30	1.31	1.31	1.32	1.32	1.32	1.33	1.33	1.34	1.34	1.35	1.35	1.36	1.36	1.37	1.37	1.38	1.38	1.39	1.39
2	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79
3	3.90	3.91	3.93	3.94	3.96	3.97	3.99	4.00	4.02	4.03	4.05	4.06	4.08	4.09	4.11	4.12	4.14	4.15	4.17	4.18
4	5.20	5.22	5.24	5.26	5.28	5.30	5.32	5.34	5.36	5.38	5.40	5.42	5.44	5.46	5.48	5.50	5.52	5.54	5.56	5.58
5	6.50	6.52	6.55	6.57	6.60	6.62	6.65	6.67	6.70	6.72	6.75	6.77	6.80	6.82	6.85	6.87	6.90	6.92	6.95	6.97
6	7.80	7.83	7.86	7.89	7.92	7.95	7.98	8.01	8.04	8.07	8.10	8.13	8.16	8.19	8.22	8.25	8.28	8.31	8.34	8.37
7	9.10	9.13	9.17	9.20	9.24	9.27	9.31	9.34	9.38	9.41	9.45	9.48	9.52	9.55	9.59	9.62	9.66	9.69	9.73	9.76
8	10.40	10.44	10.48	10.52	10.56	10.60	10.64	10.68	10.72	10.76	10.80	10.84	10.88	10.92	10.96	11.00	11.04	11.08	11.12	11.16
9	11.70	11.74	11.79	11.83	11.88	11.92	11.97	12.01	12.06	12.10	12.15	12.19	12.24	12.28	12.33	12.37	12.42	12.46	12.51	12.55
10	13.00	13.05	13.10	13.15	13.20	13.25	13.30	13.35	13.40	13.45	13.50	13.55	13.60	13.65	13.70	13.75	13.80	13.85	13.90	13.95
20	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90
30	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85
40	52.00	52.20	52.40	52.60	52.80	53.00	53.20	53.40	53.60	53.80	54.00	54.20	54.40	54.60	54.80	55.00	55.20	55.40	55.60	55.80
50	65.00	65.25	65.50	65.75	66.00	66.25	66.50	66.75	67.00	67.25	67.50	67.75	68.00	68.25	68.50	68.75	69.00	69.25	69.50	69.75
60	78.00	78.30	78.60	78.90	79.20	79.50	79.80	80.10	80.40	80.70	81.00	81.30	81.60	81.90	82.20	82.50	82.80	83.10	83.40	83.70
70	91.00	91.35	91.70	92.05	92.40	92.75	93.10	93.45	93.80	94.15	94.50	94.85	95.20	95.55	95.90	96.25	96.60	96.95	97.30	97.65
80	104.00	104.40	104.80	105.20	105.60	106.00	106.40	106.80	107.20	107.60	108.00	108.40	108.80	109.20	109.60	110.00	110.40	110.80	111.20	111.60
90	117.00	117.45	117.90	118.35	118.80	119.25	119.70	120.15	120.60	121.05	121.50	121.95	122.40	122.85	123.30	123.75	124.20	124.65	125.10	125.55
100	130.00	130.50	131.00	131.50	132.00	132.50	133.00	133.50	134.00	134.50	135.00	135.50	136.00	136.50	137.00	137.50	138.00	138.50	139.00	139.50
110	143.00	143.55	144.10	144.65	145.20	145.75	146.30	146.85	147.40	147.95	148.50	149.05	149.60	150.15	150.70	151.25	151.80	152.35	152.90	153.45
120	156.00	156.60	157.20	157.80	158.40	159.00	159.60	160.20	160.80	161.40	162.00	162.60	163.20	163.80	164.40	165.00	165.60	166.20	166.80	167.40
130	169.00	169.65	170.30	170.95	171.60	172.25	172.90	173.55	174.20	174.85	175.50	176.15	176.80	177.45	178.10	178.75	179.40	180.05	180.70	181.35
140	182.00	182.70	183.40	184.10	184.80	185.50	186.20	186.90	187.60	188.30	189.00	189.70	190.40	191.10	191.80	192.50	193.20	193.90	194.60	195.30
150	195.00	195.75	196.50	197.25	198.00	198.75	199.50	200.25	201.00	201.75	202.50	203.25	204.00	204.75	205.50	206.25	207.00	207.75	208.50	209.25
160	208.00	208.80	209.60	210.40	211.20	212.00	212.80	213.60	214.40	215.20	216.00	216.80	217.60	218.40	219.20	220.00	220.80	221.60	222.40	223.20
170	221.00	221.85	222.70	223.55	224.40	225.25	226.10	226.95	227.80	228.65	229.50	230.35	231.20	232.05	232.90	233.75	234.60	235.45	236.30	237.15
180	234.00	234.90	235.80	236.70	237.60	238.50	239.40	240.30	241.20	242.10	243.00	243.90	244.80	245.70	246.60	247.50	248.40	249.30	250.20	251.10
190	247.00	247.95	248.90	249.85	250.80	251.75	252.70	253.65	254.60	255.55	256.50	257.45	258.40	259.35	260.30	261.25	262.20	263.15	264.10	265.05
200	260.00	261.00	262.00	263.00	264.00	265.00	266.00	267.00	268.00	269.00	270.00	271.00	272.00	273.00	274.00	275.00	276.00	277.00	278.00	279.00



