

X-7428

GMC

**MOTOR
HOME**

SERVICE

**GMC
MOTOR HOME
PLANNED
MAINTENANCE**

**Guardian
Maintenance**

GM

GMC MOTOR HOME PLANNED MAINTENANCE



The moment a motor home is placed in service it will require periodic maintenance.

This maintenance can be planned to avoid

any interruptions of vacations caused by failures.

This maintenance will be demanded whenever something stops working.

PLANNED MAINTENANCE IS...

a way of trying to determine when vehicle parts wear out, so they can be replaced before they fail, thereby avoiding breakdowns and unexpected costs . . . and more!



REGULAR PLANNED MAINTENANCE

GMC Service Development Department has developed a system of Planned Maintenance designed specifically for the Motor Home. This means maintenance for the complete Motor Home (inside and out)!

The system is based on the Motor Home being returned to the dealer *at least* FOUR TIMES A YEAR. At that time vehicle maintenance should be performed from the Complete Vehicle Planned Maintenance Schedule according to the accumulated mileage.

As an added convenience to the owner, the following GUARDIAN MAINTENANCE SERVICES will be performed:

- Check tires for wear, damage and correct pressure.
- Check fluid level in brake master cylinder, power steering pump, batteries, transmission and windshield washer.
- Check drive belts for cuts and tension.
- Check Air Cleaner.
- Bleed Suspension Air Reservoir.

The following chart details the complete GMC MOTOR HOME PLANNED MAINTENANCE SCHEDULE. The schedule for maintenance on the motor generator is shown later.

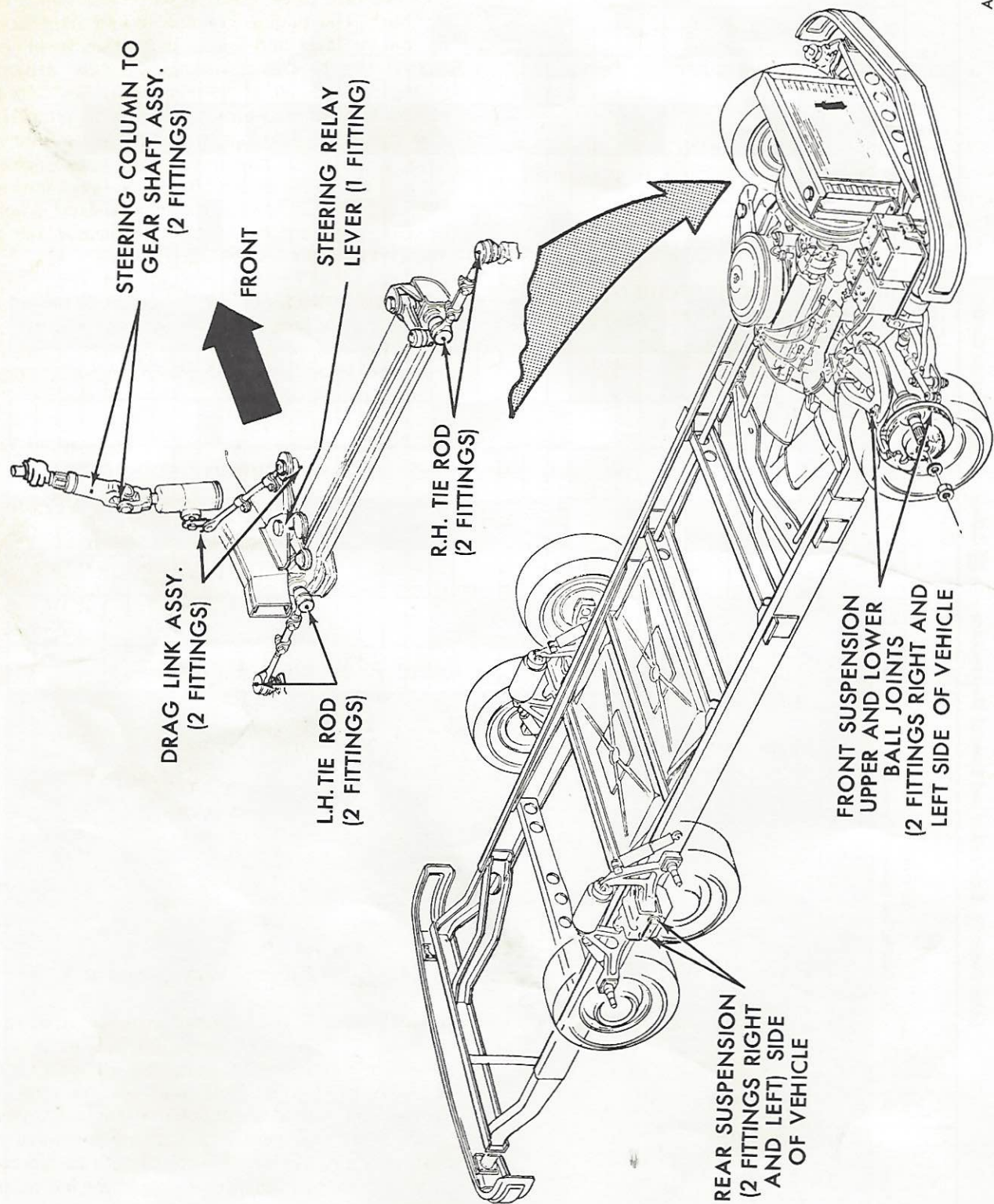
COMPLETE VEHICLE PLANNED MAINTENANCE SCHEDULE

(Opt. Motor Generator Covered Separately)

Color Code: ■ Lubrication and General Maintenance ■ Safety ■ Emission Control

When To Perform Services (Months or Miles, Whichever Occurs First)	Item No.	Services (For Details, See Numbered Paragraphs)	MILEAGE (in thousands)																	
			3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	50	
Every 3 months or 3,000 miles	1	Chassis Lubrication																		
	2	*Engine Oil																		
	3	Living Area Water Pump Belt																		
Every 6 months or 6,000 miles	4	*▲Fluid Levels																		
	5	Air Conditioning System																		
	6	▲Air Compressor Air Filter																		
Every 6,000 miles (Check wheel nut torque after 1st 500 miles)	7	▲Wheel and Tires																		
	8	*Engine Oil Filter																		
	9	*Automatic Transmission and Final Drive																		
Every 12 months or 12,000 miles	10	*Cooling System																		
	11	Rear Wheel Bearings																		
	12	Final Drive Boots & Output Shaft Seals																		
Every 6 months or 6,000 miles	13	Brakes and Power Steering																		
	14	Exhaust System																		
	15	*Drive Belts																		
Every 24,000 miles	16	Suspension and Steering																		
	17	Safety Checks																		
	18	Disc Brakes																		
Every 6,000 miles	19	Drum Brakes and Parking Brake																		
	20	Throttle Linkage																		
	21	Headlights																		
Every 12 months or 12,000 miles	22	Underbody																		
	23	Bumpers																		
	24	Thermostatically Controlled Air Cleaner																		
At 1st 6 months or 6,000 miles— then at 12 month/12,000 mile intervals	25	Carburetor Choke																		
	26	Timing, Dwell, Carb. Idle, Distributor & Coil																		
	27	Carburetor & Intake Manifold Mounting																		
At 1st 6 months or 6,000 miles	28	Spark Plugs (When using leaded fuels)																		
	29	Thermal Vacuum Switch and Hoses																		
	30	Carburetor Fuel Filter																		
Every 6,000 miles	31	PCV System																		
	32	Air Cleaner Element																		
	33	Spark Plugs & Ignition Coil Wires																		
Every 12 months or 12,000 miles	34	Engine Compression																		
	35	ECS System																		
	36	Fuel Cap, Tanks and Lines																		
Every 24 months or 24,000 miles																				

*Also an Emission Control Service *Also a Safety Service



A-1953

Location of Chassis Lubrication Fittings

EXPLANATION OF COMPLETE VEHICLE PLANNED MAINTENANCE SCHEDULE

Presented below is a brief explanation of each of the services listed in the preceding "Complete Vehicle Planned Maintenance Schedule."

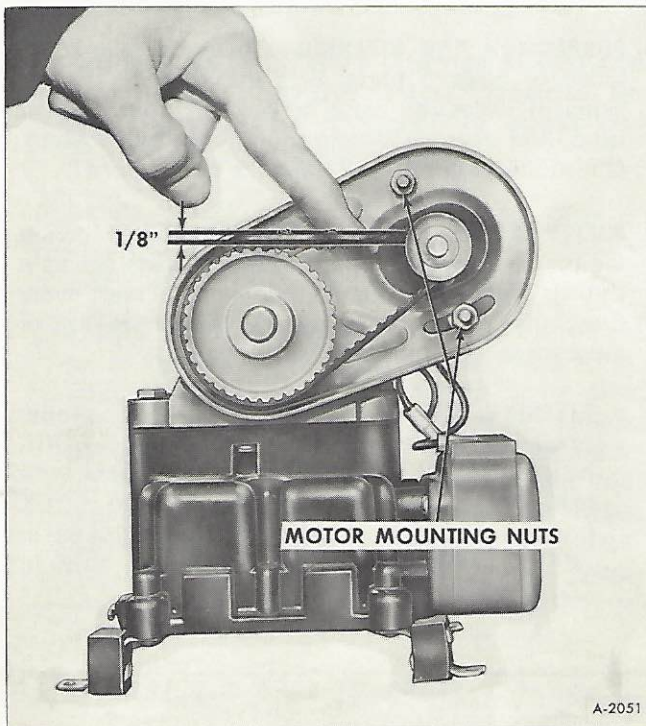
Vehicle operation under conditions such as heavy dust, continuous short trips, use of other than unleaded or low lead fuels or pulling trailers, is not considered normal use and therefore more frequent maintenance will be required. Such additional maintenance requirements are included where applicable.

NOTE: The following indicate when services should be performed based on mileage intervals as shown in the "When To Perform Services" column.

LUBE & GENERAL MAINTENANCE

ITEM NO. SERVICES

1. **CHASSIS**—Lubricate all grease fittings in front and rear suspension and steering linkage. Also lubricate transmission shift linkage, brake pedal spring, parking brake cable guides and linkage.
2. **ENGINE OIL***—Change each 3 months or 3,000 miles, whichever occurs first. See Section 0 of Maintenance Manual for additional details on engine oil.
3. **LIVING AREA WATER PUMP BELT**—Check for belt wear and adjust tension if necessary.

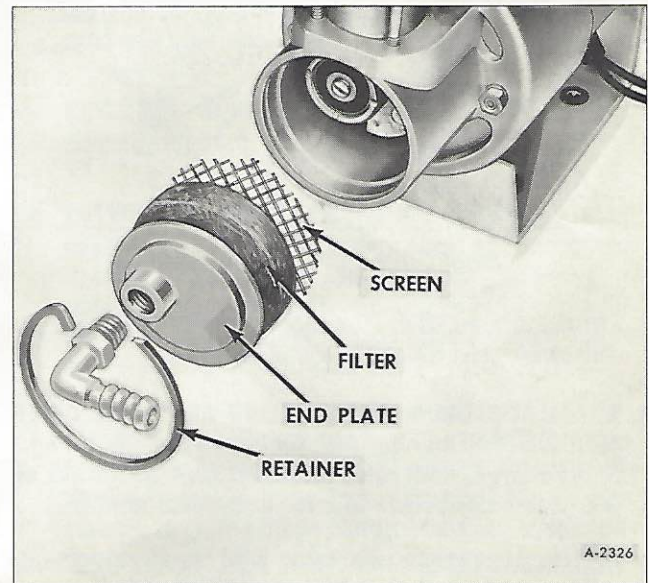


Checking Water Pump Belt Tension

4. **FLUID LEVELS**—Check level of fluid in brake master cylinder[▲], power steering pump[▲], all batteries, engine*, final drive, transmission*, and windshield washer[▲]. The engine coolant should be checked for proper level and freeze protection to at least -35°F., or to the lowest temperature expected during the period of vehicle operation*. Proper engine coolant also provides corrosion protection. Any significant fluid loss in any of these systems or units could mean that a malfunction is developing and corrective action should be taken immediately. A low fluid level in the brake master cylinder front reservoir could also be an indicator that the disc brake pads need replacing.

5. **AIR CONDITIONING**—Check condition of air conditioning system hoses and refrigerant charge at sight glass. Replace hoses and/or refrigerant if need is indicated. If equipped with roof mounted air conditioner, clean air filter.

6. **AIR COMPRESSOR**—Filter[▲] should be washed with soap and water solution or replaced.

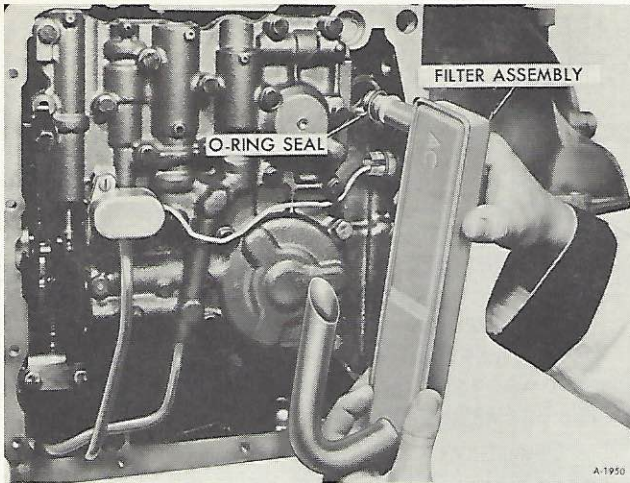


Air Compressor Filter Location

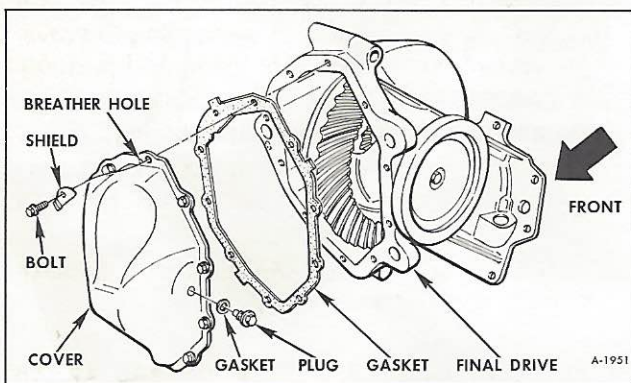
7. **WHEELS AND TIRES[▲]**—Have wheel-nut torque checked after 1st 500 miles and 500 miles after every wheel replacement thereafter. Check tires for excessive wear, nails, glass, cuts or other damage. Make certain wheels are not bent or cracked. Uneven or abnormal tire wear may indicate the need for alignment service. Tire inflation should be checked monthly or more often if visual inspection indicates a need and after each tire rotation. Adjust pressure if required, as shown on tire placard on glove box door. See Section 10 of the Maintenance Manual for information on tire tread wear indicators. Tires should be rotated every 6000 miles.

[▲]Also a Safety Service.

*Also an Emission Control Service.



Replacing Transmission Oil Filter



Final Drive Cover Removed

8. **ENGINE OIL FILTER***—Replace at the first oil change and every 2nd oil change thereafter.
9. **AUTOMATIC TRANSMISSION FLUID AND FINAL DRIVE LUBRICANT**—Change the transmission fluid* and filter; change final drive lubricant. See Section 0 of the Maintenance Manual for additional details.
10. **COOLING SYSTEM**—At 12-month or 12,000-mile intervals, wash radiator cap and filler neck with clean water, pressure test system and radiator cap for proper pressure holding capacity. (Tighten hose clamps and inspect condition of all cooling and heater hoses*.) Replace hoses every 24 months or 24,000 miles or earlier if checked, swollen or otherwise deteriorated.

Also each 12 months or 12,000 miles, clean exterior of radiator core and air conditioning condenser*. Every 24 months or 24,000 miles, drain, flush, and refill the cooling system with a new coolant solution as described in Section 0 of the Maintenance Manual.
11. **WHEEL BEARINGS**—Clean and repack rear wheel bearings with a lubricant as specified in Section 0 of the Maintenance Manual.
12. **FINAL DRIVE AXLE BOOTS AND OUTPUT SHAFT SEALS**—Check for damaged, torn or leaking boots on

drive axles and for leaking output shaft seal. Replace defective parts as necessary.

SAFETY MAINTENANCE

13. **BRAKES AND POWER STEERING**—Check lines and hoses for proper attachment, leaks, cracks, chafing, deterioration, etc. Any questionable parts noted should be replaced or repaired immediately. When abrasion or wear is evident on lines or hoses, the cause must be corrected.
14. **EXHAUST SYSTEM**—Check complete exhaust system and nearby body areas of vehicle engine and motor-generator system for broken, damaged, missing or mispositioned parts, open seams, holes, loose connections or other deterioration which could permit exhaust fumes to seep into the passenger compartment. Dust or water in the passenger compartment may be an indication of a problem in one of these areas. Any defects should be corrected immediately. To help ensure continued integrity, exhaust system pipes rearward of the muffler must be replaced whenever a new muffler is installed. Use genuine GM parts specified for your vehicle.
15. **ENGINE DRIVE BELTS***—Check belts driving fan, Delcotron, power steering pump and air conditioning compressor for cracks, fraying, wear and tension*. Adjust or replace as necessary.

It is recommended that belts be replaced every 24 months or 24,000 miles, whichever occurs first.
16. **SUSPENSION AND STEERING**—Check for damaged, loose or missing parts, or parts showing visible signs of excessive wear or lack of lubrication in front and rear suspension and steering system. Questionable parts noted should be replaced.
17. **SAFETY CHECKS TO BE PERFORMED**—Listed below are the safety checks that should be made (items a thru t). These checks should be made at least every 6 months or 6,000 miles, whichever occurs first, or more often when the need is indicated.
 - a. **STEERING COLUMN LOCK**—Check for proper operation by attempting to turn key to LOCK position in the various transmission gears with vehicle stationary. Key should turn to LOCK position only when transmission control is in "PARK." Key should be removable only in LOCK position.

^Also a Safety Service.

*Also an Emission Control Service.

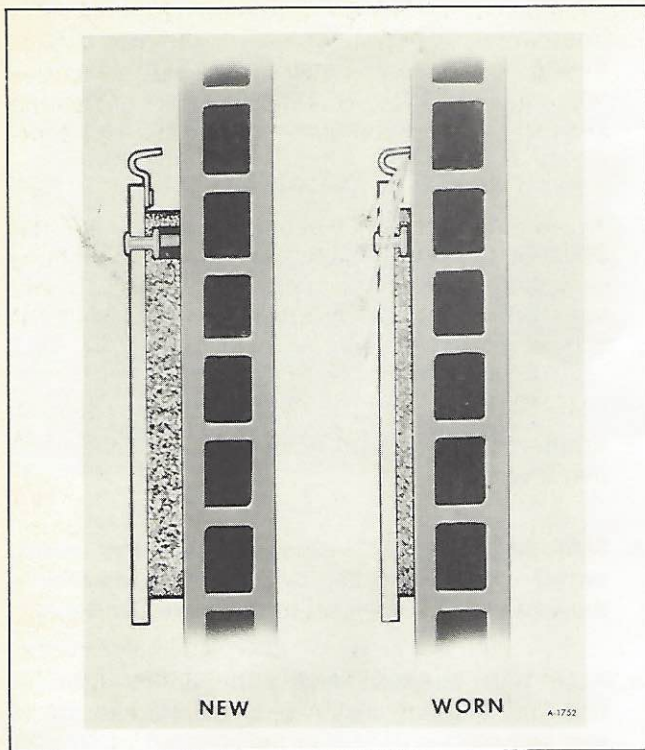
- b. **LAP BELTS**—Check belts, buckles, retractors and anchors for cuts, fraying or weakened portions, loose connections, damage, and for proper operation. Check to make certain that anchor mounting bolts are tight.
- c. **STEERING**—Be alert to any changes in steering action. The need for inspection or servicing may be indicated by “hard” steering, excessive free-play or unusual sounds when turning or parking.
- d. **WINDSHIELD WIPERS AND WASHERS**—Check operation of wipers, as well as condition and alignment of wiper blades. Check amount and direction of fluid sprayed by washers during use.
- e. **DEFROSTERS**—Check performance by moving controls to “DEF” and noting amount of air directed against the windshield.
- f. **WHEEL ALIGNMENT AND BALANCE**—In addition to abnormal tire wear, the need for wheel alignment service may be indicated by a pull to the right or left when driving on a straight and level road. The need for wheel balancing is usually indicated by a vibration of the steering wheel or seat while driving at normal highway speeds.
- g. **BRAKES**—Be alert to illumination of the brake warning light or changes in braking action, such as repeated pulling to one side, unusual sounds when braking or increased brake pedal travel. Any of these could indicate the need for brake system inspection and/or service.
- h. **PARKING BRAKE**—Check parking brake holding ability by parking on a fairly steep hill and restraining the vehicle with the parking brake only.

IMPORTANT: Do NOT attempt to test the holding ability of the “PARK” position on the transmission—the vehicle could become locked in this position.

- i. **GLASS**—Check for broken, scratched, dirty or damaged glass on vehicle that could obscure vision or become an injury hazard.
- j. **LIGHTS AND BUZZERS**—Check all instrument panel illuminating reminder, and warning lights, ignition key buzzer, interior lights, license plate light, side marker lights, headlights, parking lights, taillights, brake lights, turn signals, back-up lights, hazard warning flashers, and roof mounted identification and clearance lights. Have someone observe operation of each exterior light while you activate controls. The operation of instrument panel warning lights is covered in Section 12 of the Maintenance Manual.
- k. **TRANSMISSION SHIFT INDICATOR**—Check to be sure transmission shift indicator accurately indicates the shift position selected.

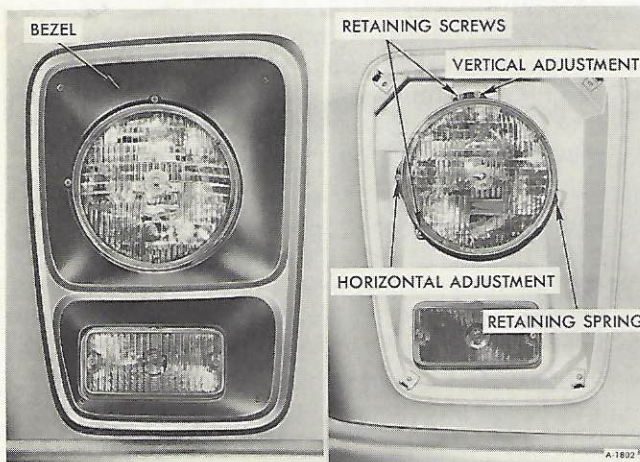
CAUTION: Before making the following check, be sure to have a clear distance ahead and behind the vehicle, set the parking brake and firmly apply the foot brake. Do not depress accelerator pedal. Be prepared to turn off ignition switch immediately if engine should start.

- l. **STARTER SAFETY SWITCH**—Check starter safety switch by placing the transmission in each of the driving gears while attempting to start the engine. The starter should operate only in the “PARK” or “N” (Neutral) positions.
- m. **HORN**—Blow the horn occasionally to be sure that it works.
- n. **SEAT SWIVEL LEVERS**—Check to see that seat swivel levers are holding by attempting to swivel the seat with the lever set in the locked position.
- o. **REAR VIEW MIRRORS AND SUN VISORS**—Check that friction joints are properly adjusted so mirrors and sun visors stay in the selected position.
- p. **ENTRANCE DOOR LATCH**—Check for positive closing, latching and locking.
- q. **EXTERIOR COMPARTMENT DOOR AND FILLER OPENINGS**—Check to make sure all doors and openings can be closed securely by trying to open them after each closing. Check also for broken, damaged, or missing parts which might prevent secure closing.
- r. **FLUID LEAKS**—Check for fuel, water, oil or other fluid leaks by observing the surface beneath the vehicle after it has been parked for awhile. (Water dripping from automotive air conditioning system after use is normal.) If gasoline fumes or fluid are noticed at any time, the cause should be determined and corrected without delay because of the possibility of fire.
- s. **ENGINE AND MOTOR GENERATOR EXHAUST SYSTEM**—Be alert to any change in the sound of the exhaust system, motor-generator, or a smell of fumes which may indicate a leak. (See “Engine Exhaust Gas Caution” at the beginning of the section on Starting and Operating, and the Carbon Monoxide Caution at the head of the section on Living Area Facilities in the Operating Manual.)
- t. **LP GAS SYSTEM**—Check that all vents and LP gas-operated components are clean and operating properly. If LP gas fumes are noticed at any time the cause should be corrected without delay because of the possibility of fire. See cautions referenced at the end of item “S”.



Disc Brake Pad Wear Indicators

- 18. DISC BRAKES**—Check brake pads and condition of rotors while wheels are removed during tire rotation.



Headlight Adjustment

- 19. DRUM BRAKES AND PARKING BRAKE**—Check drum brake linings and other internal brake components at rear wheels (drums, wheel cylinders, etc.). Parking brake adjustment also should be checked for drag and lubricated at every chassis lube period.
- 20. THROTTLE LINKAGE**—Check for damaged or missing parts, interference or binding.
- 21. HEADLIGHTS**—Check for proper aim. Correct as necessary.
- 22. UNDERBODY**—In geographic areas using a heavy concentration of road salt or other corrosive mate-

rials for snow removal or road dust control, flush and inspect the complete under side of the vehicle at least once each year, preferably after a winter's exposure. Particular attention should be given to cleaning out underbody members where dirt and other foreign materials may have collected.

- 23. BUMPERS**—Check the front and rear bumper systems at 12-month/12,000-mile intervals to be sure the impact protection and clearance originally designed into the system remains in a state of full readiness. It also should be checked whenever there is obvious bumper misalignment, or whenever the vehicle has been involved in a significant collision in which the bumper was struck, even when no damage to the bumper system can be seen.

EMISSION CONTROL MAINTENANCE

NOTE: For details on servicing Emission Control Related Components, refer to Sections 6T or 8 of Maintenance Manual.

- 24. THERMOSTATICALLY CONTROLLED AIR CLEANER**—Inspect installation to make certain that all hoses and ducts are connected and correctly installed. Also check valve for proper operation.
- 25. CARBURETOR CHOKE**—Check choke mechanism for free operation. Any binding condition which may have developed due to petroleum gum formation on the choke shaft or from damage should be corrected.
- 26. TIMING, DWELL, CARBURETOR IDLE, DISTRIBUTOR AND COIL**—Adjust ignition timing, dwell and carburetor idle speed accurately (following the specifications shown on the label attached to engine rocker cover) at the first 6 months or 6,000 miles of operation then at 12 month or 12,000 miles. Then at 12 month or 12,000 mile intervals. Adjustment must be made with test equipment known to be accurate.

Replace distributor points every 12 months or 12,000 miles and replace cam lubricator every 24 months or 24,000 miles. In addition, carefully inspect the interior and exterior of the distributor cap, distributor rotor and coil for cracks, carbon tracking, and terminal corrosion. Clean or replace as necessary at 24-month/24,000 mile intervals to prevent misfiring and/or deterioration.

Proper functioning of the carburetor is particularly essential to control of emissions. Correct mixtures for emission compliance and idle quality have been preset by GMC Truck. Plastic idle mixture limiters have been installed on the idle mixture screws to discourage unauthorized adjustment. These idle limiters are not to be removed unless some major carburetor repair or replacement which affects the idle screw adjustment has been necessary.

At 12 months or 12,000 mile intervals or in case of major carburetor overhaul, or when poor idle quality exists, the idle mixture should be adjusted by use of a CO meter when an accurate meter is available, or the alternate mechanical method should be used to adjust idle mixture.

27. CARBURETOR AND INTAKE MANIFOLD MOUNTING—

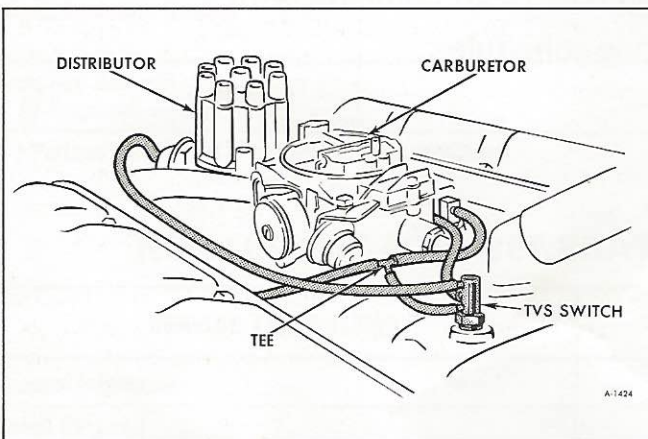
Torque carburetor and intake manifold attaching bolts and/or nuts at first 6 months or 6,000 miles of vehicle operation.

28. SPARK PLUGS—Replace at 6,000 mile intervals when operating with leaded fuels, or at 12,000-mile intervals when using unleaded fuels. Use of leaded fuels results in lead deposits on spark plugs and can cause misfiring at mileages less than 12,000 miles. Where misfiring occurs prior to 6,000 miles, spark plugs in good condition can often be cleaned, tested, and reinstalled in an engine with acceptable results.

29. THERMAL VACUUM SWITCH AND HOSES—Check for proper operation. A malfunctioning switch must be replaced. Check hoses for proper connection, cracking, abrasion or deterioration and replace as necessary.

30. CARBURETOR FUEL FILTER—Replace filter at 12-month/12,000-mile intervals or more frequently if clogged.

31. POSITIVE CRANKCASE VENTILATION SYSTEM (PCV)—Check system for satisfactory operation at 12-month or 12,000-mile intervals using a tester, and clean filter. Replace the PCV valve at 24-month or 24,000-mile intervals and blow out PCV valve hose with



Location of TVS Switch

compressed air. The PCV valve should be replaced at 12-month or 12,000-mile intervals when the vehicle is used in operations involving heavy dust, extensive idling, trailer pulling, and short trip use at freezing temperatures where engine does not become thoroughly warmed-up.

32. AIR CLEANER ELEMENT—Replace the engine air cleaner element under normal operating conditions every 12,000 miles. Operation of vehicle in dusty areas will necessitate more frequent element replacement.

CAUTION: Do not operate the engine without the air cleaner unless temporary removal is necessary during repair or maintenance of the vehicle. When the air cleaner is removed backfiring can cause fire in the engine compartment.

33. SPARK PLUG & IGNITION COIL WIRES—Inspect spark plug and ignition coil wires for evidence of checking or cracking of exterior insulation and tight fit in the distributor cap and at the spark plugs. Exterior of wires should be cleaned, any evidence of corrosion on ends removed and wire replaced if deteriorated.

34. ENGINE COMPRESSION—Test engine cranking compression. If a problem exists, have correction made. Minimum compression recorded in any one cylinder should not be less than 70% of the highest cylinder. For example, if the highest pressure in any one cylinder is 150 lbs., the lowest allowable pressure for any other cylinder would be 105 lbs. ($150 \times 70\% = 105$).

35. EVAPORATION CONTROL SYSTEM (ECS)—Check all fuel and vapor lines and hoses for proper connections and correct routing as well as condition. Remove canister(s) and check for cracks or damage. Replace damaged or deteriorated parts as necessary. Replace filter in lower section of canister.

If vehicle is equipped with two canisters, filter is located in the lower canister only.

36. FUEL CAP, FUEL LINES AND FUEL TANKS—Inspect the fuel tank cap and lines for damage which could cause leakage. Inspect fuel cap for correct sealing ability and indications of physical damage. Replace any damaged or malfunctioning parts.

MOTOR GENERATOR PLANNED MAINTENANCE

Motor Homes equipped with either the Onan or Kohler motor generator must have periodic maintenance performed on a regular basis to avoid costly and needless breakdowns.

The following charts provide required maintenance intervals based on motor generator usage. Note the first two charts, based on hours of operation would be utilized if a motor generator was used extensively and the owner maintains a record of operation. Remind the owner that to maintain proper service on his motor generator, service intervals should only be based on operating hours. However, the third chart can be used if owner's usage of motor generator is minimal and owner maintains no record of the unit's operation. This third chart, based on months or vehicle mileage, will assure the owner that his motor generator's planned maintenance (even though MINIMAL) can coincide with the vehicle's planned maintenance schedule.

ONAN MOTOR GENERATOR MAINTENANCE SCHEDULE

SERVICE THESE ITEMS	AFTER EACH CYCLE OF INDICATED HOURS						
	8	100	200	400	500	1000	1500
General Inspection	4,000/6,000 watt						
Check Oil Level	4,000/6,000 watt						
Change Crankcase Oil		4,000/6,000 watt (1)					
Clean Air Cleaner		4,000/6,000 watt (1)					
Check Spark Plugs		4,000/6,000 watt					
Fuel Filter—Check				4,000 watt (2)	6,000 watt (2)		
Check Breaker Points		4,000 watt 6,000 watt (2)					
Clean Cooling Fins			4,000/6,000 watt (1)				
Change Oil Filter			4,000/6,000 watt (1)				
Replace Breaker Points			4,000/6,000 watt				
Replace Air Cleaner			4,000 watt (1)		6,000 watt (1)		
Remove Carbon From Heads			4,000 watt		6,000 watt		
Adjust Tappets				4,000 watt	6,000 watt		
Check Generator Brushes						4,000 watt	6,000 watt
Complete Reconditioning (If Required)						4,000 watt	6,000 watt

(1) Perform more often in extremely dusty conditions.

(2) Replace if necessary.

KOHLER MOTOR GENERATOR MAINTENANCE SCHEDULE

SERVICE THESE ITEMS	AFTER EACH CYCLE OF INDICATED HOURS			
	8	50	100	200
General Inspection	X			
Check Oil Level	X			
Change Crankcase Oil (1)		X		
Clean Air Cleaner Element		X		
Replace Air Cleaner Element			X	
Check Spark Plugs			X	
Clean Cooling Fins				X
Check Breaker Points				X
Replace Fuel Filter			X	
General Tune-Up				X

(1) Initial oil change after 5 operational hours.

MOTOR GENERATOR MINIMUM PLANNED MAINTENANCE

SERVICE THESE ITEMS	Perform Service Closest to Months or Mileage							
	3 Months 3,000 Miles	6 Months 6,000 Miles	9 Months 9,000 Miles	12 Months 12,000 Miles	15 Months 15,000 Miles	18 Months 18,000 Miles	21 Months 21,000 Miles	24 Months 24,000 Miles
Change Crankcase Oil	X	X	X	X	X	X	X	X
Change Oil Filter (1)		X		X		X		X
Clean Air Cleaner Element (1)	X		X		X		X	
Replace Air Cleaner Element		X		X		X		X
Check Spark Plugs	X		X		X		X	
Replace Spark Plugs		X		X		X		X
Check Breaker Points	X		X		X		X	
Replace Breaker Points		X		X		X		X
Clean Cooling Fins		X		X		X		X
Replace Fuel Filter				X				X
Adjust Tappets				X				X
Check Generator Brushes		(2)		X		(2)		X
Remove Carbon from Cylinder Heads				X				X

(1) Onan Motor Generator ONLY.

(2) Kohler Motor Generator ONLY.

PLANNED MAINTENANCE CHECK SHEETS

The following check sheets are to be used to aid the service technician in performing the Planned Maintenance Services at the appropriate mileage interval. After the service technician has used the check sheet, it should be given to the owner to show him what services were performed on his Motor Home.

NOTE: These check sheets should be printed locally.

GMC MOTOR HOME PLANNED MAINTENANCE CHECK SHEET



Customer _____ Date _____

V.I.N. Number _____ Mileage _____

- | | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| <input type="checkbox"/> 3,000 Mi | <input type="checkbox"/> 9,000 Mi | <input type="checkbox"/> 15,000 Mi | <input type="checkbox"/> 21,000 Mi |
| <input type="checkbox"/> 27,000 Mi | <input type="checkbox"/> 33,000 Mi | <input type="checkbox"/> 39,000 Mi | <input type="checkbox"/> 45,000 Mi |

1. ☐ Chassis Lubrication
2. ☐ Engine Oil Change
3. ☐ Living Area Water Pump Belt
8. ☐ Engine Oil Filter

GUARDIAN MAINTENANCE

- ☐ Tires
- ☐ Fluid Levels
- ☐ Drive Belts
- ☐ Air Cleaner
- ☐ Bleed Suspension Air Reservoir

Note:

For explanation of services see appropriate number in the "Complete Vehicle Planned Maintenance Schedule."

GMC MOTOR HOME PLANNED MAINTENANCE CHECK SHEET



CUSTOMER _____ DATE _____

V.I.N. NUMBER _____ MILEAGE _____

☐ 6000 Mi. ☐ 15,000 Mi. ☐ 30,000 Mi. ☐ 42,000 Mi.

- | | |
|---|---|
| 1. <input type="checkbox"/> Chassis Lube | 18. <input type="checkbox"/> Disc Brakes |
| 2. <input type="checkbox"/> Engine Oil Change | 24. <input type="checkbox"/> Thermostatically Controlled Air Cleaner |
| 3. <input type="checkbox"/> Lining Area Water Pump Belt | 25. <input type="checkbox"/> Carburetor Choke |
| 4. <input type="checkbox"/> Fluid Levels | 26. <input type="checkbox"/> Timing, Dwell, Carb. Idle Distributor & Coil |
| 5. <input type="checkbox"/> Air Conditioning System(s) | 27. <input type="checkbox"/> Carburetor and Intake Manifold Mounting* |
| 6. <input type="checkbox"/> Air Compressor Air Filter | 28. <input type="checkbox"/> Spark Plugs |
| 7. <input type="checkbox"/> Wheels and Tires | |
| 13. <input type="checkbox"/> Brakes and Power Steering | |
| 14. <input type="checkbox"/> Exhaust System | |
| 15. <input type="checkbox"/> Drive Belts | |
| 16. <input type="checkbox"/> Suspension and Steering | |
| 17. <input type="checkbox"/> Safety Checks | |

GUARDIAN MAINTENANCE

- ☐ Drive Belts
☐ Air Cleaner
☐ Bleed Suspension Air Reservoir

NOTE. For explanation of services see appropriate number in the "Complete Vehicle Planned Maintenance Schedule."

(*)Perform only at 6000 miles.

GMC MOTOR HOME PLANNED MAINTENANCE CHECK SHEET



CUSTOMER _____ DATE _____

V.I.N. NUMBER _____ MILEAGE _____

☐ 12,000 Mi. ☐ 24,000 Mi. ☐ 36,000 Mi. ☐ 48,000 Mi.

- | | |
|---|--|
| 1. <input type="checkbox"/> Chassis Lube | 19. <input type="checkbox"/> Drum Brakes and Parking Brake |
| 2. <input type="checkbox"/> Engine Oil | 20. <input type="checkbox"/> Throttle Linkage |
| 3. <input type="checkbox"/> Lining Area Water Pump Belt | 21. <input type="checkbox"/> Headlights |
| 4. <input type="checkbox"/> Fluid Levels | 22. <input type="checkbox"/> Underbody |
| 5. <input type="checkbox"/> Air Conditioning System(s) | 23. <input type="checkbox"/> Bumpers |
| 6. <input type="checkbox"/> Air Compressor Filter | 24. <input type="checkbox"/> Thermostatically Controlled Air Cleaner |
| 7. <input type="checkbox"/> Wheels and Tires | 25. <input type="checkbox"/> Carburetor Choke |
| 9. <input type="checkbox"/> Automatic Transmission and Final Drive | 26. <input type="checkbox"/> Timing, Dwell, Carb. Idle, Distributor and Coil |
| 10. <input type="checkbox"/> Cooling System | 28. <input type="checkbox"/> Spark Plugs |
| 11. <input type="checkbox"/> Rear Wheel Bearings | 29. <input type="checkbox"/> Thermal Vacuum Switch and Hoses |
| 12. <input type="checkbox"/> Final Drive Boots and Output Shaft Seals | 30. <input type="checkbox"/> Carburetor Fuel Filter |
| 13. <input type="checkbox"/> Brakes and Power Steering | 31. <input type="checkbox"/> PCV System |
| 14. <input type="checkbox"/> Exhaust System | 32. <input type="checkbox"/> Air Cleaner Element |
| 15. <input type="checkbox"/> Drive Belts | 33. <input type="checkbox"/> Spark Plug and Ignition Coil Wires |
| 16. <input type="checkbox"/> Suspension and Steering | 34. <input type="checkbox"/> Engine Compression * |
| 17. <input type="checkbox"/> Safety Checks | 35. <input type="checkbox"/> ECS System * |
| 18. <input type="checkbox"/> Disc Brakes | 36. <input type="checkbox"/> Fuel Cap, Tanks and Lines * |

NOTE. For explanation of services see appropriate number in the "Complete Vehicle Planned Maintenance Schedule."

(*) Perform only at 24,000 and 48,000 miles.

GMC MOTOR HOME MOTOR GENERATOR PLANNED MAINTENANCE CHECK SHEET



CUSTOMER _____ DATE _____

V.I.N. NUMBER _____ MILEAGE _____

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> 3000 Mi. | <input type="checkbox"/> 9000 Mi. | <input type="checkbox"/> 15,000 Mi. | <input type="checkbox"/> 21,000 Mi. |
| <input type="checkbox"/> 27,000 Mi. | <input type="checkbox"/> 33,000 Mi. | <input type="checkbox"/> 39,000 Mi. | <input type="checkbox"/> 45,000 Mi. |

- | | |
|--|--|
| 1. <input type="checkbox"/> Change Crankcase Oil | 3. <input type="checkbox"/> Check Spark Plugs |
| 2. <input type="checkbox"/> Clean Air Cleaner Element
(Onan <i>Only</i>) | 4. <input type="checkbox"/> Check Breaker Points |

- | | | | |
|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> 6000 Mi. | <input type="checkbox"/> 18,000 Mi. | <input type="checkbox"/> 30,000 Mi. | <input type="checkbox"/> 42,000 Mi. |
|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|

- | | |
|---|--|
| 1. <input type="checkbox"/> Change Crankcase Oil | 5. <input type="checkbox"/> Replace Breaker Points |
| 2. <input type="checkbox"/> Change Oil Filter (Onan <i>Only</i>) | 6. <input type="checkbox"/> Clean Cooling Fins |
| 3. <input type="checkbox"/> Replace Air Cleaner Element | 7. <input type="checkbox"/> Check Generator Brushes
(Kohler <i>Only</i>) |
| 4. <input type="checkbox"/> Replace Spark Plugs | |

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> 12,000 Mi. | <input type="checkbox"/> 24,000 Mi. | <input type="checkbox"/> 36,000 Mi. | <input type="checkbox"/> 48,000 Mi. |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|

- | | |
|---|---|
| 1. <input type="checkbox"/> Change Crankcase Oil | 7. <input type="checkbox"/> Replace Fuel Filter |
| 2. <input type="checkbox"/> Change Oil Filter (Onan <i>Only</i>) | 8. <input type="checkbox"/> Adjust Tappets |
| 3. <input type="checkbox"/> Replace Air Cleaner Element | 9. <input type="checkbox"/> Check Generator Brushes |
| 4. <input type="checkbox"/> Replace Spark Plug(s) | 10. <input type="checkbox"/> Remove Carbon From Cylinder
Head(s) |
| 5. <input type="checkbox"/> Replace Breaker Points | |
| 6. <input type="checkbox"/> Clean Cooling Fins | |

MOTOR HOME VEHICLE HISTORY FOLDER

A Planned Maintenance Program can be effective only if complete records are kept. The following Motor Home Vehicle History Folder should be used for this purpose. The folder should be examined before any repair order is written to check if any repeat problems are occurring. After the repairs are made a copy of the repair order should be put in the folder.

NOTE: This Motor Home Vehicle History Folder should be printed locally.

GMC MOTOR HOME ADDITIONAL SERVICES

SPRING AND SUMMER TRIP PREPARATION

This service is designed to completely prepare the Motor Home for an extended trip or vacation during warm weather. The services included in this trip preparation are detailed on a check list which follows. This check list includes some services which the owner may not wish to purchase. When a trip preparation service is performed the owner should also consider having the appropriate vehicle planned maintenance service completed at that time.

WINTER AND FALL TRIP PREPARATION

This service is designed to completely prepare the Motor Home for an extended trip or vacation during cold weather. The services included in this trip preparation are detailed on a check list which follows.

WINTER STORAGE PREPARATION

This service is designed to completely prepare the Motor Home to be stored the entire winter. The items included in this service are detailed on a check list which follows. It should be noted that this service is a preparation only, the flat rate times do not reflect the time needed to start and run (15 min.) the vehicle each week of storage.

NOTE: The following check list should be printed locally.

GMC MOTOR HOME SPRING AND/OR SUMMER TRIP PREPARATION CHECK LIST



Customer _____ Date _____

V.I.N. Number _____ Mileage _____

EXTERIOR

- | | | |
|--|--|--------------------------|
| <input type="checkbox"/> Fill LP gas tank. | <input type="checkbox"/> Check the following fluid levels: | Fluid added |
| <input type="checkbox"/> Sanitize and fill water tank. | | |
| <input type="checkbox"/> Empty and deodorize holding tank. | <input type="checkbox"/> Engine oil | <input type="checkbox"/> |
| <input type="checkbox"/> Check that all exterior vents are unobstructed. | <input type="checkbox"/> Batteries | <input type="checkbox"/> |
| <input type="checkbox"/> Drain moisture from suspension air reservoir. | <input type="checkbox"/> Engine coolant | <input type="checkbox"/> |
| <input type="checkbox"/> Check operation of the following lights: | <input type="checkbox"/> Windshield washer reservoir | <input type="checkbox"/> |
| <input type="checkbox"/> Headlights | <input type="checkbox"/> Motor generator oil | <input type="checkbox"/> |
| <input type="checkbox"/> Back-up lights | | |
| <input type="checkbox"/> Parking & Turn signals | <input type="checkbox"/> Check tire pressure. | |
| <input type="checkbox"/> Marker & clearance | <input type="checkbox"/> Wash Motor Home. | |
| <input type="checkbox"/> Tail & stop | | |
| <input type="checkbox"/> License | | |
| <input type="checkbox"/> Emergency flashers | | |

INTERIOR

- | | |
|--|---|
| <input type="checkbox"/> Check operation of the following: | <input type="checkbox"/> Check the following fluid levels: |
| <input type="checkbox"/> Power level system | <input type="checkbox"/> Transmission |
| <input type="checkbox"/> Wipers & washers | <input type="checkbox"/> Power steering |
| <input type="checkbox"/> All interior lights | |
| <input type="checkbox"/> Range/oven | <input type="checkbox"/> Clean the following (only if requested): |
| <input type="checkbox"/> Refrigerator | <input type="checkbox"/> Upholstery |
| <input type="checkbox"/> Electric | <input type="checkbox"/> Range/oven |
| <input type="checkbox"/> Gas/electric | <input type="checkbox"/> Counter tops |
| <input type="checkbox"/> Charge recirculating toilet. | <input type="checkbox"/> Cabinetry |
| <input type="checkbox"/> Motor generator | <input type="checkbox"/> Toilet |
| <input type="checkbox"/> Air conditioner | <input type="checkbox"/> Clean the following: |
| <input type="checkbox"/> Automotive | <input type="checkbox"/> Screens |
| <input type="checkbox"/> Roof-mounted | <input type="checkbox"/> Windows |
| <input type="checkbox"/> Interior electrical system | <input type="checkbox"/> Vacuum carpeting |
| <input type="checkbox"/> Vent fans | <input type="checkbox"/> Shampoo carpeting (only if requested) |
| <input type="checkbox"/> 12-volt | |
| <input type="checkbox"/> 120-volt | |

IMPORTANT: In addition to the above items, be sure all Regular Planned Maintenance has been performed, including checking that proper viscosity lubricating oil is in the automotive engine and motor generator.

GMC MOTOR HOME FALL AND/OR WINTER TRIP PREPARATION CHECK LIST



Customer _____ Date _____

V.I.N. Number _____ Mileage _____

EXTERIOR

- | | | | | | | | | | | | | | |
|--|---|--|-------------|-------------------------------------|--------------------------|------------------------------------|--------------------------|--|--------------------------|--|--------------------------|--|--------------------------|
| <input type="checkbox"/> Fill LP gas tank.
<input type="checkbox"/> Add methyl alcohol (<i>Only if requested.</i>)
<input type="checkbox"/> Fill water tank. (<i>Only if requested.</i>)
<input type="checkbox"/> Empty and deodorize holding tank.
<input type="checkbox"/> Check that all exterior vents are unobstructed.
<input type="checkbox"/> Drain moisture from suspension air reservoir.
<input type="checkbox"/> Check operation of the following lights:
<input type="checkbox"/> Headlights <input type="checkbox"/> Back-up lights
<input type="checkbox"/> Parking & turn signals <input type="checkbox"/> Marker & clearance
<input type="checkbox"/> Tail & stop <input type="checkbox"/> License
<input type="checkbox"/> Emergency | <input type="checkbox"/> Check the following fluid levels: <table border="0" style="margin-left: 20px;"> <tr> <td></td> <td style="text-align: right;">Fluid added</td> </tr> <tr> <td><input type="checkbox"/> Engine oil</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Batteries</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Engine coolant (Includes testing freeze protection level)</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Windshield washer reservoir</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Motor generator oil</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> </table> <input type="checkbox"/> Mount snow tires (only if requested).
<input type="checkbox"/> Check tire pressure.
<input type="checkbox"/> Wash Motor Home (includes underbody). | | Fluid added | <input type="checkbox"/> Engine oil | <input type="checkbox"/> | <input type="checkbox"/> Batteries | <input type="checkbox"/> | <input type="checkbox"/> Engine coolant (Includes testing freeze protection level) | <input type="checkbox"/> | <input type="checkbox"/> Windshield washer reservoir | <input type="checkbox"/> | <input type="checkbox"/> Motor generator oil | <input type="checkbox"/> |
| | Fluid added | | | | | | | | | | | | |
| <input type="checkbox"/> Engine oil | <input type="checkbox"/> | | | | | | | | | | | | |
| <input type="checkbox"/> Batteries | <input type="checkbox"/> | | | | | | | | | | | | |
| <input type="checkbox"/> Engine coolant (Includes testing freeze protection level) | <input type="checkbox"/> | | | | | | | | | | | | |
| <input type="checkbox"/> Windshield washer reservoir | <input type="checkbox"/> | | | | | | | | | | | | |
| <input type="checkbox"/> Motor generator oil | <input type="checkbox"/> | | | | | | | | | | | | |

INTERIOR

- | | |
|--|---|
| <input type="checkbox"/> Check operation of the following:
<input type="checkbox"/> Power level system <input type="checkbox"/> Air conditioner
<input type="checkbox"/> Automotive
<input type="checkbox"/> Wipers & washers <input type="checkbox"/> Roof-mounted
<input type="checkbox"/> All interior lights <input type="checkbox"/> Vent fans
<input type="checkbox"/> Range/oven <input type="checkbox"/> Motor generator
<input type="checkbox"/> Refrigerator <input type="checkbox"/> Interior electrical system
<input type="checkbox"/> Electric <input type="checkbox"/> 12-volt
<input type="checkbox"/> Gas/electric <input type="checkbox"/> 120-volt

<input type="checkbox"/> Check operation of the following (only if owner requested water system be filled):
<input type="checkbox"/> Water pump
<input type="checkbox"/> Water heater
<input type="checkbox"/> Faucets
<input type="checkbox"/> Toilet
<input type="checkbox"/> Recirculating toilet charged with recreational vehicle antifreeze* solution. | <input type="checkbox"/> Add recreational vehicle antifreeze* (approx. ½ cup) to the following P-traps:
<input type="checkbox"/> Kitchen sink
<input type="checkbox"/> Bathroom sink
<input type="checkbox"/> Shower drain

<input type="checkbox"/> Check the following fluid levels:
<input type="checkbox"/> Transmission
<input type="checkbox"/> Power steering

<input type="checkbox"/> Clean the following (only if requested):
<input type="checkbox"/> Upholstery <input type="checkbox"/> Range/oven
<input type="checkbox"/> Counter tops <input type="checkbox"/> Sinks
<input type="checkbox"/> Cabinetry <input type="checkbox"/> Toilet

<input type="checkbox"/> Clean the following:
<input type="checkbox"/> Screens
<input type="checkbox"/> Windows
<input type="checkbox"/> Vacuum carpeting
<input type="checkbox"/> Shampoo carpeting (only if requested) |
|--|---|

IMPORTANT:

In addition to the above items, be sure all Regular Planned Maintenance has been performed, including checking that proper viscosity lubricating oil is in the automotive engine and motor generator.

**Recreation vehicle anti-freeze means a non-toxic, non-flammable anti-freeze.*



GMC MOTOR HOME WINTER STORAGE PREPARATION CHECK LIST

Customer _____ Date _____

V.I.N. Number _____ Mileage _____

- ☐ Check that both gasoline tanks are full:
 - ☐ Fill tanks, if requested.
- ☐ Drain water system (turn off water heater).
- ☐ Drain holding tank.
- ☐ Fill LP gas tank.
 - ☐ Add methyl alcohol (only if requested).
- ☐ Check fluid level in batteries:
 - ☐ Automotive engine
 - ☐ Living area
 - ☐ Motor generator
- ☐ Drain moisture from suspension air reservoir.
- ☐ Check engine coolant level.
 - ☐ Test freeze protection level.
- ☐ Check tire pressure.
- ☐ Wash Motor Home and flush underside thoroughly.
- ☐ Add recreational vehicle anti-freeze* solution (5 gallons anti-freeze* and 5 gallons water) to living area water tank.

Open all faucets; (including turn on water pump). When colored water comes out of the faucets, close faucets. Flush toilet. Turn off water pump.
- ☐ If equipped with recirculating toilet, charge with recreational vehicle anti-freeze* solution (1½ gallons anti-freeze* and 1½ gallons water).
- ☐ Add recreational vehicle anti-freeze* (approx. ½ cup) to the following P-traps:
 - ☐ Kitchen sink
 - ☐ Bathroom sink
 - ☐ Shower drain
- ☐ Turn off LP gas controls:
 - ☐ LP gas tank valve
 - ☐ Furnace manual gas valve
 - ☐ Range/oven
 - ☐ Gas/electric refrigerator
- ☐ Position living area drawers and doors slightly ajar.
- ☐ Check that all perishables (canned goods, etc.) have been removed.
- ☐ Place tape over all drain openings.
- ☐ Crack one window for ventilation; close all others as well as roof-vents.
- ☐ Be sure all electrical controls and switches are turned off.
 - ☐ All exterior lights
 - ☐ Radio
 - ☐ Battery boost switch in "BAT NORMAL" position
 - ☐ Furnace thermostat
 - ☐ Water heater
 - ☐ Water pump
 - ☐ Electric refrigerator (leave door ajar)
 - ☐ All interior lights
- ☐ Apply tape over all exterior vents.
- ☐ Perform the following on motor generator:
 - ☐ Clamp and disconnect fuel supply hose to motor generator.
 - ☐ Start motor generator and run until fuel in unit is exhausted.
 - ☐ Reconnect fuel hose.
 - ☐ Remove spark plug(s). Pour a tablespoon of oil into cylinder(s).
 - ☐ Onan (SAE 50 oil)
 - ☐ Kohler (SAE 30 oil)
 - ☐ Crank engine several times. Install spark plug(s).
 - ☐ Plug exhaust to prevent entry, of moisture, dirt, bugs, etc.
- ☐ If sub-zero temperatures (° F.) are anticipated, remove all batteries.

IMPORTANT:

Be sure proper viscosity lubricating oil, to facilitate winter (cold weather) starting, is in the automotive engine and motor generator.

*Recreational vehicle anti-freeze means a non-toxic, non-flammable anti-freeze.

Teleprompter - 440-2120
252-5388

GMC

TRUCK & COACH DIVISION

GENERAL MOTORS CORPORATION

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