

should be determined and corrected without delay because of the possibility of fire.

B-1 SPARE AND JACK—Check that spare tire assembly (if so equipped) and jack equipment are securely stowed at all times.

B-2 TIRES, WHEELS AND DISC BRAKES—Check disc brake pads for wear and surface condition of rotors while wheels are removed during tire rotation (see Item A-7). Check tires for excessive wear or damage. Make certain wheels are not bent or cracked and that wheel nuts have been tightened to the torque value shown in the Operating Manual (see "SERVICE AND MAINTENANCE" section). Have wheel nut torque set to this specification at the first 500 miles and 500 miles after every wheel, tire and fastener replacement thereafter.

B-3 EXHAUST SYSTEM—Check complete exhaust system of vehicle engine and motor-generator system, and nearby body areas 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 necessary corrections should be made immediately. To help continue integrity, exhaust system pipes rearward of the muffler must be replaced whenever a new muffler is installed. Also see Item B-1 (h).

B-4 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 by a qualified mechanic without delay.

B-5 BRAKES AND POWER STEERING—Check lines and hoses for proper attachment, binding, 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.

B-6 ENGINE DRIVE BELTS*—Check all belts for cracks, fraying, wear and tension. Adjust or replace as necessary.

B-7 DRUM BRAKES AND PARKING BRAKE—(See Item B-2 for disc brake check.) Check drum brake linings for wear or cracks and other internal brake components at each wheel (drums, wheel cylinders, etc.). Parking brake adjustment also should be checked whenever drum brake linings are checked.

NOTICE: More frequent checks should be made if driving conditions and habits result in frequent brake application.

B-8 THROTTLE LINKAGE—Check for damaged or missing parts, interference or binding. Any deficiencies should be corrected without delay by a qualified mechanic.

B-9 UNDERBODY—Corrosive materials used for ice and snow removal and dust control accumulate on the underbody. If allowed to remain, these materials can result in accelerated rusting and deterioration of underbody components such as fuel lines, frame, floor, exhaust system, etc. At least once each year, preferably after a winter's exposure, these corrosive materials should be removed by flushing the underbody with plain water. Particular attention should be given to cleaning out those areas where mud and other foreign materials collect.

EMISSION CONTROL MAINTENANCE

NOTICE: Additional recommended maintenance instructions relating to vehicle use, evidence of maintenance, and service replacement parts are included in the New Vehicle Warranty Information folder.

C-1 CARBURETOR MOUNTING—Check carburetor attaching bolt torque at the first 3,000 miles, (4 800 km) only. If torque on any bolt is less than 48 inch-pounds, tighten all bolts to 120 inch-pounds using the following tightening sequence:

- a — Left Rear Bolt c — Right Rear Bolt
b — Right Front Bolt d — Left Front Bolt

C-2 ENGINE IDLE SPEED—Adjust engine idle speed accurately (following the specifications shown on the label attached to engine) at 3,000 miles (4 800 km) of operation, 12,000 miles, (19 200 km), then at 12,000 mile (19 200 km) intervals thereafter.

Adjustments must be made with test equipment known to be accurate.

C-3 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.

C-4 CARBURETOR CHOKE AND HOSES—Check choke mechanism for proper operation. Any binding condition which may have developed due to petroleum gum formation on the choke shaft or from damage should be corrected. Check carburetor choke hoses for proper connection, cracking, abrasion or deterioration and correct or replace as necessary.

C-5 CARBURETOR FUEL INLET FILTER—Replace filter at 12 month/12,000-mile (19 200 km) intervals or more frequently if clogged.

C-6 POSITIVE CRANKCASE VENTILATION SYSTEM (PCV)—Check the PCV system for satisfactory operation at 12 month or 12,000-mile (19 200 km) intervals, and clean filter (located in rocker cover). Replace the PCV valve and filter at 24 month or 24,000-mile (39 400 km) intervals and blow out PCV valve hoses with compressed air. Replace deteriorated hoses. The PCV valve should be replaced at 12 month or 12,000 mile (19 200 km) intervals when the vehicle is used in operations involving heavy dust, extensive idling, and short trip use at freezing temperatures where engine does not become thoroughly warmed up.

C-7 SPARK PLUG WIRES—Clean exterior of wires with a clean cloth or soft bristle brush and a solution of mild detergent and warm water. Remove any evidence of corrosion on end terminals. Inspect spark plug wires for evidence of checking, burning, or cracking of exterior insulation and tight fit at distributor cap and spark plugs or other deterioration. If corrosion cannot be removed or other conditions above are noted, replace wire.

C-8 AIR CLEANER ELEMENT—Replace the engine air cleaner element every 12,000 miles (19 200 km). Operation of vehicle in dusty areas will necessitate more frequent replacements. Your GMC Motorhome dealer can be of assistance in determining the proper replacement frequency for the conditions under which you operate your vehicle.

NOTICE: 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.

C-9 THERMAL VACUUM SWITCH AND HOSES—Check for proper operation every 12 months or 12,000 miles (19 200 km). A malfunctioning switch must be replaced. Check hoses for proper connection, cracking, abrasion or deterioration and replace as necessary. California engines are equipped with an additional low temperature thermal vacuum switch.

C-10 THROTTLE RETURN CONTROL (TRC)—Check hoses for cracking, abrasion or deterioration and replace as necessary. Check system for proper operation and adjust as necessary.

C-11 TIMING AND DISTRIBUTOR CAP—Adjust ignition timing to specification shown on label attached to the engine. Also, carefully inspect the interior and exterior of the distributor cap and rotor for cracks, carbon tracking and terminal corrosion. Clean or replace as necessary.

C-12 CARBURETOR VACUUM BREAK—Inspect vacuum break linkage for proper operation. A binding condition must be corrected. Check hose for proper connection, cracking, abrasion or deterioration. Replace parts as necessary. Adjust vacuum break at specified intervals following procedures and specifications found in appropriate Maintenance Manual.

C-13 SPARK PLUGS—Replace spark plugs at 12,000 mile (19 200 km) intervals. Where misfiring occurs prior to 12,000 miles (19 200 km), spark plugs in good condition can often be cleaned, tested and reinstalled in the engine with acceptable results.

C-14 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 canisters.

C-15 FUEL CAP, FUEL LINES AND FUEL TANKS—
1. Inspect the fuel tank, cap and lines for damage which could cause leaks.
2. Remove fuel cap and inspect gasket for an even imprint from the filler neck, and any indications of physical damage.
3. Replace any damaged or deteriorated parts.

MOTOR GENERATOR MAINTENANCE INTERVALS

Regularly scheduled maintenance is the key to lower operating costs and longer service life for the unit. The following schedule can be used as a guide for units installed in a GMC Motorhome. However, actual operating conditions under which a unit is run should be the determining factor in establishing a maintenance schedule. When operating in very dusty or dirty conditions, some of the service periods may have to be reduced. Check the crankcase oil, the filters, etc., frequently until the proper service time periods can be established.

For any abnormalities in operation, unusual noises from engine or accessories, loss of power, overheating, etc., contact your nearest GMC Motorhome Dealer.

For continuing satisfaction keep your vehicle all GM, General Motors Parts are identified by one of these trademarks:



RECOMMENDED FLUIDS & LUBRICANTS

USAGE	FLUID/LUBRICANT
Engine	SE engine oil only - See Operating Manual for viscosity
Motor generator**	High quality oil meeting both SE and CC requirements
Power steering system and pump reservoir, includes windshield wiper motor	GM power steering fluid Part No. 1050017 or equivalent
Final drive	SAE 80W or SAE 90W-90 GL-5 gear lubricant (SAE 80W GL-5 in Canada) GM Part No. 1052271 or 1052272
Brake system and master cylinder	Delco Supreme 11 or DOT-3 fluid or equivalent
Transmission shift linkage	Engine oil
Chassis lubrication	Lithium soap multi-purpose chassis grease meeting requirements of GM 6031-M
Transmission	DEXRON® II automatic transmission fluid
Parking brake cables	Chassis grease
Front wheel bearings	High melting point lubricant Part No. 1051344
Rear wheel bearings	Lithium soap multi-purpose chassis grease meeting requirements of GM 6031-M
Body door hinge pins, hinges and latches at the front access doors, external utilities generator/storage and LP gas doors, Gas fill door hinge	Engine oil
Windshield washer solvent	GM OptiClean washer solvent Part No. 1051515 or equivalent
Batteries	Colorless, odorless, drinking water
Engine coolant	Mixture of water and a high quality Ethylene Glycol base type anti-freeze conforming to GM Spec. 1899-B-M

NOTE: Fluids and lubricants identified with GM parts numbers or GM specification numbers may be obtained from your GMC Motorhome Dealer.
**GMC Motorhome only.

ONAN MOTOR GENERATOR MAINTENANCE SCHEDULE**

SERVICE THESE ITEMS	AFTER EACH CYCLE OF INDICATED HOURS					
	8	100	200	400	500	1000
General Inspection						
Check Oil Level						
Change Crankcase Oil (1)						
Clean Air Cleaner (1)						
Check Spark Plugs (2)						
Fuel Filter — Check (1)						
Check Breaker Points (2)						
Check Governor Linkage						
Clean Cooling Fans (1)						
Change Oil Filter (1)						
Replace Breaker Points						
Replace Air Cleaner (1)						
Remove Carbon From Heads						
Adjust Tappets						
Check Generator Brushes						
Complete Reconditioning (if Required)						

(1) Perform more often in extremely dusty conditions.
(2) Replace if necessary.
**GMC Motorhome only.

1978 GMC MOTORHOME AND TRANSMODE MAINTENANCE SCHEDULE

To retain the safety, dependability and emission control performance originally built into your GMC Motorhome or Transmode Vehicle, it is essential that it receive periodic inspections, maintenance and service parts replacements. This folder contains a schedule of the maintenance required by the Motorhome, and the engine, chassis and body compartments of the Transmode Vehicle. These services should be performed by any GMC Motorhome Dealer or any other qualified service outlet which regularly provides such services. In addition to the in-shop type services detailed in the schedule, the folder also includes safety checks which you, the vehicle owner or driver, should perform periodically.



IMPORTANT

THIS MAINTENANCE SCHEDULE AND SERVICE LOG SHOULD BE KEPT WITH THE VEHICLE AT ALL TIMES AND LEFT WITH THE VEHICLE WHEN SOLD. THE SERVICE LOG, PLUS ANY PERTINENT MAINTENANCE AND REPAIR RECEIPTS, MAY BE REQUIRED IN THE EVENT WARRANTY REPAIRS BECOME NECESSARY.

Part No. 2028574