



Dealer Product Campaign Bulletin

GMC TRUCK & COACH DIVISION GENERAL MOTORS CORPORATION

NUMBER: 74-C-07

IMPORTANT—All Service Personnel Should Read and Initial

DATE: May, 1974

MODELS: 1973 AND 1974 ZE05000 MOTOR HOMES

GMC Truck and Coach Division has determined that two safety-related defects exist on 1973 and 1974 Motor Homes:

- Water can enter the accelerator cable sheath and may freeze, thereby preventing the throttle from returning to the idle position. Vehicle control could be lost while the vehicle is being driven.
- The rear suspension outer wheel bearings may fail and a rear wheel could separate from the vehicle and cause property damage or personal injury.

To prevent these conditions from occurring, all four outer rear wheel bearings and related parts and the accelerator linkage must be replaced.

Until parts are available, owners are being instructed to return their vehicle to a GMC Motor Home dealer for inspection and adjustment of rear wheel bearings. (Refer to page 2 for complete instructions.)

VEHICLES INVOLVED

All 1973 and 1974 GMC Motor Homes shipped prior to May 1, 1974 are included in this campaign.

PARTS INFORMATION

Kit part number 790867 includes the following parts:

Wheel Bearing Change:

Part Number	Description	Quantity
721507	Rear Spindle	4
9420892	Spindle Bolt	16
2436163	Washer	16
9422297	Nut	16
2623488	Brake Asm. L.H.	2
2623489	Brake Asm. R.H.	2
3857731	Hub Seal Assembly	4
7451228	Inner Bearing	4
721424	Hub & Drum Assembly	4
103386	Cotter Pin	4
7450344	Outer Cone & Roller Asm.	4
3936464	Washer—Adjusting Nut	4
3953436	Nut—Adjusting	4
721381	Outer Dust Cap	4
3936465	Inner Dust Cap	4

Accelerator Linkage Change:

Part Number	Description	Quantity
723593	Accelerator Lever Asm.	1
723589	Reinforcement—Accel. Rod Support	1
723591	Bracket—Trans. Downshift Switch	1
723592	Accelerator Cable Assembly	1
723590	Spring—Accelerator Rod	1
479314	Pedal Assembly	1
9428794	Push on Nut	1
1242101	Downshift Switch	1
9419400	Screw—Downshift Switch	1
2973407	Connector Body	1
724069	Clip	1
271178	Nut	1
9418918	Bolt	1
271184	Nut	1
9417950	Bolt	1
724013	Plate	1
9417950	Bolt	2
2436162	Washer	2
9422275	Nut	2
724014	Spacer	1
724012	Cover	1
718253	Sealer (not included in kit—order as required)	1
1233539	Retainer	1
724070	Clip	2
724308	Clip	3
9419006	Bolt	1
L-6330	Installation Drawing	1
156033	Screw	3
8877976	Strap	1
3759924	Nut	3
3980590	Screw	1
9419892	Washer	2

ONLY PART NUMBERS 790867, AND 718253 ARE TO BE ORDERED. One kit is required per vehicle and one tube of 718253 sealer will do approximately 16 vehicles.

Parts required to complete this modification are to be ordered by the dealers from their GMC Parts Distribution Center. Dealers should order kits only for those vehicles known to be in their geographic area.

VEHICLE INSPECTION

At the initiation of this campaign certain parts connected with the wheel bearing modification will be in limited supply. As a result, owners are being instructed to take their vehicle to a GMC Motor Home dealer for inspection and adjustment of all four rear wheels. (See sample owner notification letter.) This service is to be provided at no charge to the owner. The inspection and adjustment service is to be performed only if the necessary parts are not available.

NOTE: Performance of the inspection and adjustment service is not to be considered as completion of the campaign. All four rear wheel bearings must be replaced as soon as parts are available.

The following procedure is to be followed for the inspection service:

REAR WHEEL BEARING INSPECTION (all four rear wheels)

NOTE: This inspection is to be performed at the customer's request and is not part of the campaign change.

1. Raise vehicle to convenient working height.
2. Remove outer and inner hub caps.
3. Remove spindle cotter pin, nut, washer, and outer bearing.
4. Inspect bearing for damaged rollers at the ends and sides of the rollers. **DO NOT WASH LUBRICANT FROM BEARING.** Replace **COMPLETE** bearing as required.
5. Lightly coat bearing with high quality lithium soap base chassis grease.
6. Install bearing, washer and nut. Torque nut to 35 ft. lbs. while rotating wheel. Back nut off 1/2 turn. Tighten nut with fingers. Insert cotter pin in spindle if nut slot aligns. If not, back nut off to align slot and insert and crimp cotter pin.
7. Install inner and outer hub caps.
8. Lower vehicle.

SERVICE PROCEDURE

REAR WHEEL BEARING CHANGE

REMOVAL

1. Unscrew parking brake adjustment knob and put suspension power lever controls in hold position.
2. Raise vehicle to convenient working height.
3. Disconnect parking cable from guide rod at right rear of engine rear crossmember as shown in figure 1.

NOTE: The following applies to all **FOUR** rear wheel components.

4. Remove tire and wheel assembly.
5. Remove outer and inner hub caps.
6. Remove cotter pin and spindle nut.

7. Remove brake drum and hub assembly.
8. Disconnect parking brake cable from backing plate and then from brake reaction arm.
9. Disconnect hydraulic brake line. Cover end of hydraulic brake line to prevent foreign material from entering brake system.
10. Remove brake backing plate attaching bolts and remove backing plate.
11. Apply penetrating oil to wheel spindle and suspension arm mating surfaces. Position screw pad J-25265-6 as shown in figure 2.
12. Install spindle removing tool as shown in figure 3.
13. Tighten tool through bolts and then reaction set screw as shown in figures 3 and 4.
14. Press out spindle by turning forcing screw, (it may be necessary to tap spindle end lightly after preloading screw).

INSTALLATION (applies to all four rear wheels)

1. Install new spindle with keyway up as shown in figure 5 using old bolts and nuts to draw spindle into suspension arm.
 2. Remove old spindle bolts and nuts.
 3. Install new backing plate assembly with new bolts, washers and nuts as shown in figure 6. Torque bolts 35-45 ft. lbs.
 4. Pack inner and outer wheel bearings with high quality *lithium* soap multi-purpose grease meeting GM specification 6031-M.
 5. Install inner wheel bearing and seal into hub using a wooden block to seat seal flush to hub.
 6. Remove hydraulic wheel cylinder plug and install brake line.
 7. Pull parking brake cable so that end slug is free of spring, (see fig. 7) and install cable in reaction arm and backing plate.
 8. Install hub and drum assembly, outer bearing, washer and nut.
 9. Torque spindle nut to 35 ft. lbs. while rotating hub. Back spindle nut off 1/2 turn. Tighten spindle nut finger tight. Install cotter pin if nut slot aligns with spindle hole; if not, back off nut to nearest hole and install and crimp cotter pin.
 10. Install inner and outer hub caps.
 11. Reconnect parking brake cable to guide rod at right rear of engine rear crossmember.
 12. Adjust parking brake lever knob for firm lever action and apply parking brake.
 13. Bleed rear brake system starting with the right side.
 14. Install wheels and tires.
 15. Lower the vehicle.
 16. Torque wheel nuts to 250 ft. lbs. in sequence as shown in figure 8.
- NOTE:** Remind owner to check torque after 500 additional miles.

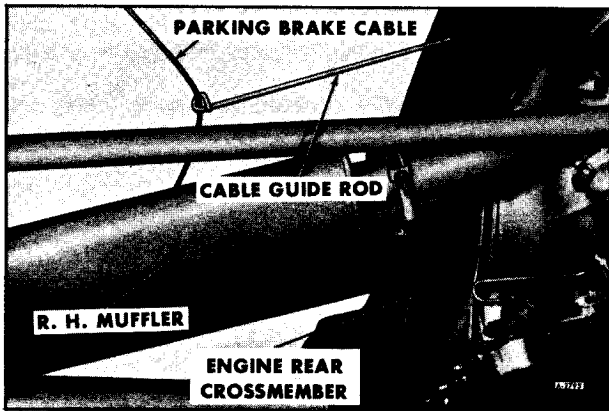


Figure 1

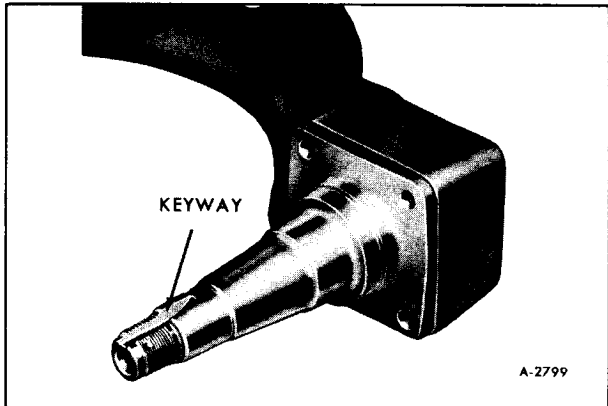


Figure 5

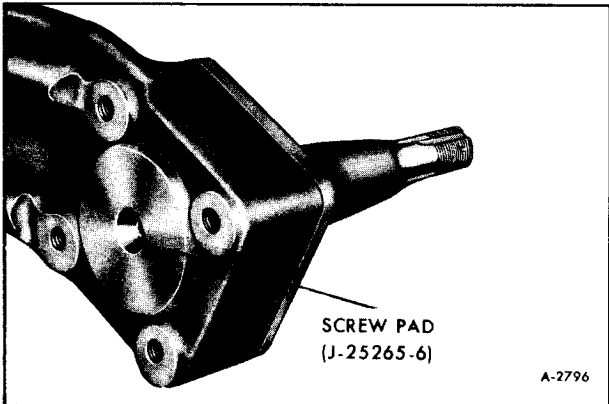


Figure 2



Figure 6

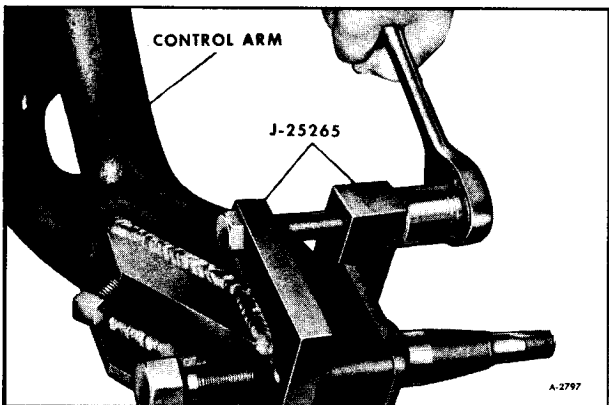


Figure 3

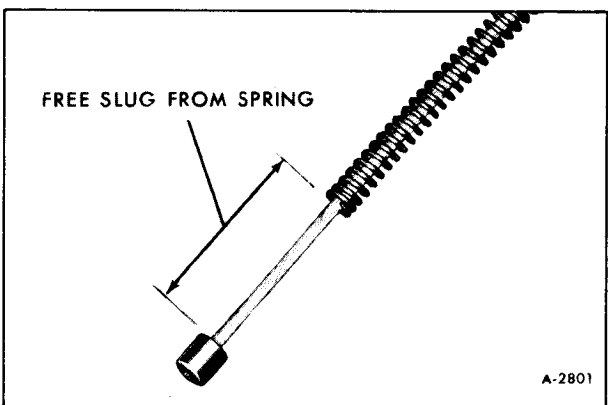


Figure 7

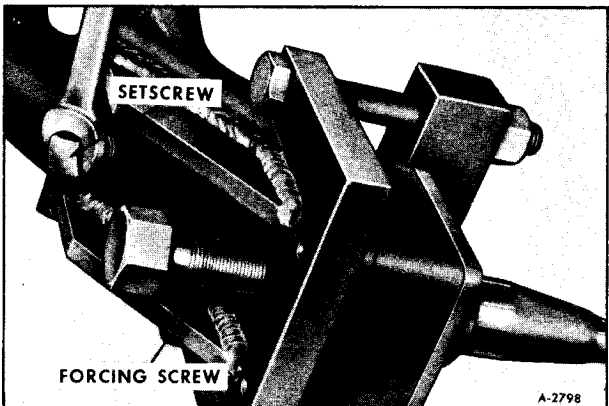


Figure 4

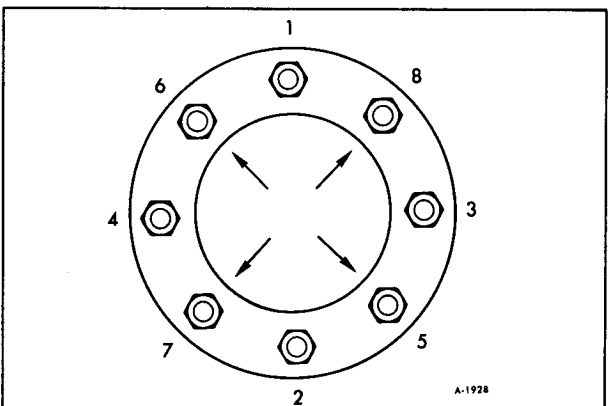


Figure 8

ACCELERATOR CABLE CHANGE INSTRUCTION

1. Raise and support left front access door.
 2. Disconnect accelerator cable from pedal lever.
 3. Remove two pedal lever boot attaching nuts and washers and remove boot grommet. Also, remove two accelerator cable bracket attaching nuts and washers.
 4. Remove three accelerator lever pivot bolts and remove lever and pedal assembly.
 5. Remove accelerator lever boot and install cover plate coated with sealer part number 718253, as shown in figure 9.
 6. On early models, disconnect detent switch wire and remove two attaching bolts and remove switch and pedal lever stop. On late models, disconnect wire from detent switch.
 7. Remove right hand toe pan mat trim strip, and roll mat over to steering column under brake pedal.
 8. Using template part number 724011 (J-25318), drill three $\frac{1}{8}$ " pilot holes as shown in parts kit layout drawing.
 9. Drill two $\frac{1}{8}$ " pilot holes in toe panel right side as shown on parts kit layout. A drill stop must be used!
 10. Drill 1" hole for accelerator cable as shown on layout.
 11. Drill three $\frac{11}{32}$ " holes, two at the cable retainer and one at the upper clip hole as shown in the layout. Use a drill stop.
 12. Drill one $\frac{9}{32}$ " hole at lower toe pan clip hole as shown in the layout. Use a drill stop.
 13. Coat cable retainer plate with sealer part number 718253 and install attaching bolts, washers and nuts. Torque bolts to 10 ft. lbs.
 14. Insert new accelerator cable into retainer plate with lock tabs at top and bottom as shown in the layout.
 15. Install clip on accelerator cable at back of windshield wiper motor as shown in figure 10.
NOTE: Yellow paint on accelerator cable must be completely covered by clips.
 16. Install clip on accelerator cable at side of toe pan using two bolts as shown in figure 9 and torque as shown in the layout. Insert washer in clip as shown in figure 11.
 17. Reinstall toe pan mat and retainer. Cut $\frac{3}{4}$ " hole in mat for accelerator cable and install retainer as shown in layout.
 18. Install accelerator pedal on lever shaft using spring nut. Push spring nut on as shown in the layout.
 19. Install accelerator pedal and lever using new cover plate and previous pivot bracket and bolts. Torque bolt nuts to 75 in. lbs.
 20. Remove two brake pedal bracket bolts and install spacer and detent switch bracket as shown in the layout. Torque nuts as shown on the layout.
 21. Install accelerator pedal lever return spring as shown in layout.
 22. Install detent switch as shown.
 23. Install new connector on detent switch wires. Pull wires to proper length, connect to switch and tie wrap to wiring harness as shown.
 24. Raise engine cover and remove air cleaner assembly.
 25. Cut old accelerator cable between engine bracket and step riser clip.
 26. Remove accelerator cable clip from step riser.
 27. Remove accelerator cable from throttle rod and engine bracket.
 28. Locate, drill, and countersink three holes as shown in the layout. Assure that metal chips do not enter engine alternator or carburetor.
 29. Route new accelerator cable into engine compartment and clip as shown in figure 12 and layout.
- NOTE:** Yellow paint on accelerator cable must be completely covered by clips.
30. Position cable and clip on step riser as shown on layout using existing bolt. Drill $\frac{1}{4}$ " diameter hole $\frac{5}{8}$ " deep and install washer in clip and screw as shown in figures 11 and 13.
 31. Remove step riser clip bolt and install vacuum line clip to step riser with the bolt.
 32. Install accelerator cable to engine bracket so that lock tabs are at the left and right of the cable.
 33. Install grommet and nylon sleeve into cable end and attach cable to carburetor lever with washer and spring retainer, see figure 14.
 34. Check new linkage operation.
 35. Reinstall air cleaner assembly.
 36. Secure engine cover.
 37. Remove old accelerator cable and bracket at front access door and secure access door.

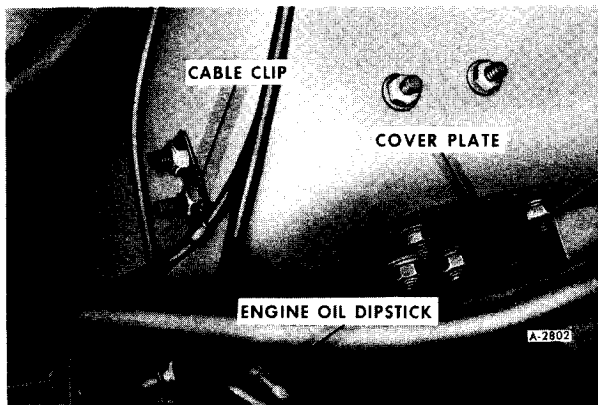


Figure 9

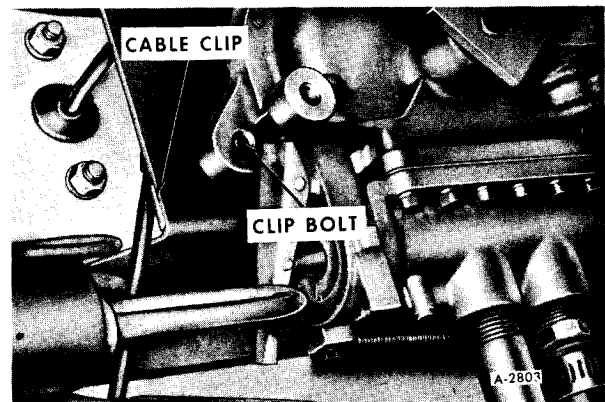


Figure 10

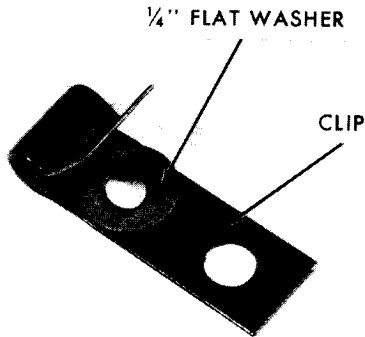


Figure 11

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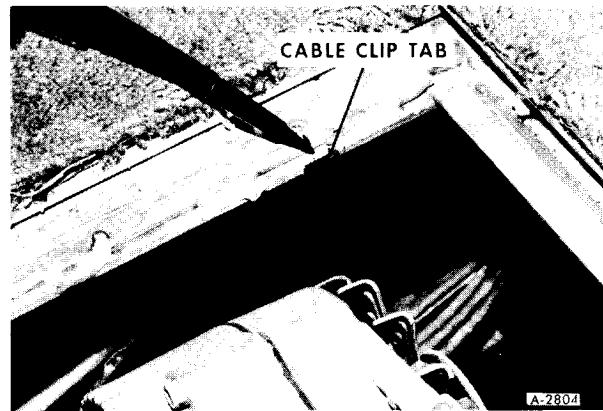


Figure 12

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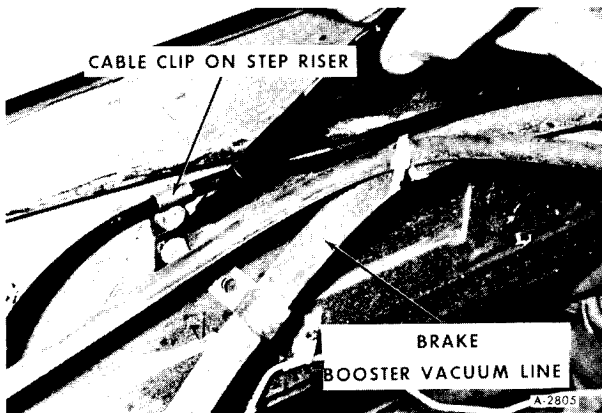


Figure 13

A-2805

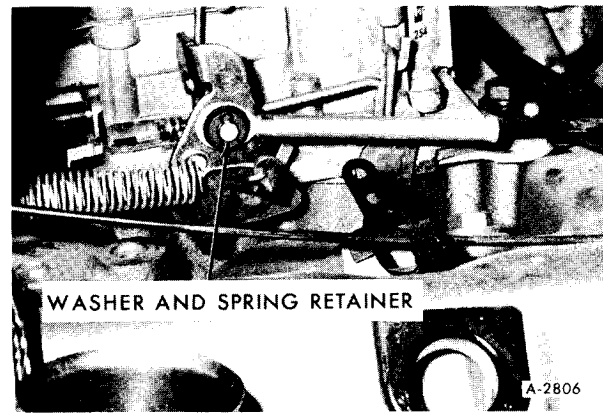


Figure 14

A-2806

WARRANTY INFORMATION

<u>Labor Operation No.</u>	<u>Description</u>	<u>Time Allowance</u>	<u>Trouble Code</u>
A041850	Inspect rear wheel outer bearings	.6 hr.	96
A041851	Replace rear wheel outer bearings	.4 hr.	96
A052002	Remove and replace rear wheel bearings, spindle, hub and drum and brake assemblies. Remove and replace accelerator linkage.	per wheel 6.2 hr.	96
A110011	Dealer administration time	.1 hr.	None

CAMPAIGN IDENTIFICATION LABEL

Each vehicle modified in accordance with the instructions outlined in the Product Campaign Bulletin will require a "Campaign Identification Label". Labels have been furnished each involved dealer and involved Zone. Each label provides a space to include the five (5) digit Dealer Code of the dealer performing the campaign service. This information may be inserted with a ball-point or felt-tipped pen. Each "Campaign Identification Label" is to be located next to the "Emission Control Information" decal.

NOTE: APPLY CAMPAIGN IDENTIFICATION LABEL ONLY ON A CLEAN SURFACE NEXT TO THE EMISSION CONTROL INFORMATION DECAL.

OWNER'S NOTIFICATION

Owners of record known at this time will be notified of this campaign on their vehicles by GMC Truck & Coach Division.

CAMPAIGN RESPONSIBILITY

Dealers are to service all vehicles subject to this campaign regardless of the mileage, age of vehicle, or owner. All vehicles in dealer inventory are to be serviced prior to retail delivery.

CAMPAIGN PROCEDURE

Procedures for handling this campaign are outlined in Section 7. "GMC Truck Service Policies and Procedures Manual" (revised 5-73).

GMC TRUCK & COACH DIVISIONGeneral Motors Corporation
660 South Boulevard, East
Pontiac, Michigan 48053
313/857-5000

(Sample Owner Notification Letter)

Dear GMC Motor Home Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

GMC Truck and Coach Division has determined that two defects, which relate to motor vehicle safety, exist in 1973 and 1974 GMC Motor Homes as follows:

- . Water can enter the accelerator cable sheath and freeze at temperatures below 32°F preventing the throttle from returning to the idle position. In the event this occurs while the motor home is being driven, the vehicle will not slow down when the driver removes his foot from the accelerator pedal. Vehicle crash can occur without prior warning unless the driver brings the vehicle to a stop by immediately turning off the ignition key and applying the brakes. The transmission should be left in drive.
- . An outer wheel bearing in the rear tandem wheels may fail and allow the hub and wheel assembly to separate from the vehicle. The separated wheel and tire could strike or interfere with other vehicles or persons in the vicinity resulting in their being injured.

To prevent the possibility of these conditions occurring on your vehicle, please contact your GMC Motor Home dealer who, at no charge to you, will:

- . Replace the accelerator cable and related linkage with parts of a new design.
- . Replace the four rear wheel bearings with larger bearings. This will also require replacement of the spindle, backing plate and brake assembly, and the hub and drum assembly.

The actual time necessary to perform the labor required is approximately 6.2 hours. It is estimated that instructions and a limited number of parts for this correction will be available to dealers by May 30, 1974.

In the event you intend to use your motor home prior to the time that parts are available to your dealer, you should make an appointment to have the four rear wheel bearings inspected and adjusted by the GMC Motor Home dealer. This inspection and adjustment will also be provided at no charge to you. The time necessary to perform the labor required for this inspection and adjustment is approximately 36 minutes.

We are sorry to cause you this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

Your prompt cooperation is urged.

GMC Truck & Coach Division
General Motors Corporation

74-C-07