



MACK TRUCKS, INC.
WORLD HEADQUARTERS
P.O. BOX M
ALLENTOWN, PA 18105-5000
TELEPHONE: 610.709.3011
TELECOPIER: 610.709. 2188

February 7, 2001

Mr. Kenneth Weinstein, Associate Administrator
Safety Assurance NSA-11
National Highway Traffic Safety Administration
400 Seventh Street, S.W., Room 5319
Washington, DC 20590

SUBJECT: Vehicle Recall Campaign - SC0261 (NHTSA ID# 00V-230.003)
Felsed Throttle Pedal

RECEIVED
2002 MAR 14 P 12:01
OFFICE OF
DEFECTS INVESTIGATION

Dear Mr. Weinstein:

9. Notices, Bulletins and Communications:

Attached are final copies of the dealer and customer notification letters and the dealer repair instructions.

Dealer notification began November 30, 2000. Customer notification letters were mailed December 13, 2000.

Sincerely yours,

MACK TRUCKS, INC.

D.L. Lamarche
Campaign Administrator



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December 2000

**TO: SUBSIDIARY MANAGERS
DISTRIBUTOR PRINCIPALS**

**SUBJECT: Vehicle Recall Campaign - SC0261
Felsted Throttle Pedal**

Mack Trucks, Inc. is conducting a voluntary recall of Class 8 CH, CL, CX, DM, LE, MR, RB, RD model vehicles to inspect the throttle pedal for manufacturer per campaign procedures. The recall includes certain chassis built between February 1, 1999 and May 16, 2000 and all chassis built between May 17, 2000 and August 31, 2000. If the throttle pedal is manufactured by Felsted, and doesn't have a blue or yellow mark on the left hand side of the roller arm, the throttle pedal springs will have to be replaced. Failure to replace the subject springs may result in loss of throttle control.

A copy of the service bulletin covering campaign procedures is enclosed.

It is important that preparation be made immediately to assure prompt inspection and/or correction of all vehicles involved. The National Traffic and Motor Vehicle Safety Act requires dealers to insure that all new and used vehicles are free of safety defects and comply with all Federal Motor Vehicle Safety Standards at the time of delivery to the consumer. All vehicle recalls which affect new or used inventory must be performed before it is sold or leased. Please refer to Service Operations Service Letter #SL-004-001 dated 11/19/92 regarding the aforementioned amendment.

Please use the enclosed Notice of Mandatory Safety Campaign card(s) to report sold or transferred trucks. Make sure these cards are returned to us and not directly to the customer or to another dealer. A notice to campaign will be mailed to all identified registrants of affected vehicles. To avoid warranty denial of your claim for reimbursement of expenses connected with this campaign, first, make sure the truck presented for campaign work is on your list. If not, check for campaign authorization on the MACKnet chassis inquiry. Also check that the campaign was not completed previously by another Mack dealer.

Mack Trucks, Inc., recommends a follow-up by telephone or a personal visit, of all owners of vehicles subject to recall who fail to bring the vehicle(s) in for this correction. Your District Service Manager will be contacting you to assure that this campaign attains the visibility we feel is necessary to ensure 100% completion of this campaign. Please be prepared to review your progress and/or any problems associated with the campaign.

**Safety Recall Campaign (SC0261)
December 2000**

If you have any questions about this campaign which may not have been covered in this letter or enclosures, please contact the Campaign Administrator in Allentown, (610) 709-3337.

Very truly yours,

MACK TRUCKS, INC.

**D.L. Murphy
Campaign Administrator**

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**Enclosures: Customer Notice
Service Bulletin
Notification Cards**

cc: Regional Vice Presidents, District Managers, Regional Service Managers, District Service Managers, District Parts Sales Managers, Subsidiary/Distributor Service Managers, Subsidiary/Distributor Parts Managers.



VEHICLE RECALL

DATE: 11/28/00

9C261

TO: ALL MACK DISTRIBUTORS AND SUBSIDIARIES

SUBJECT: ELECTRONIC THROTTLE PEDAL RETURN SPRING BREAKAGE

INFORMATION:

Mack Trucks, Inc. has been notified that all electronic throttle pedal assemblies (part Nos. 4QB54, 4QB55, 4QB56 and 4QB57) manufactured by Felsted Products, LLC, prior to September 1, 2000, that were used in all MACK model chassis manufactured between May 17, 1999 through August 31, 2000, and certain chassis manufactured between February 1, 1999 through May 16, 1999, may contain return springs that have the potential to break in service. The color of the defective springs may be either black, yellow or stainless steel (shiny).

Approximately 46,000 vehicles are involved in this campaign. A list of affected vehicles has been sent to all applicable dealers. In addition to these 46,000 vehicles, replacement throttle pedals manufactured by Felsted Products, LLC, and installed on vehicles prior to September 12, 2000, are also subject to the procedures outlined in this campaign.

PROCEDURES:

All affected vehicles must be inspected to determine if it is equipped with a Felsted throttle pedal, and also to determine if replacement of the throttle return springs is necessary. On chassis where throttle return spring replacement is necessary, a Spring Pack Replacement Kit (part No. 34RC2129M) is available through the MACK Parts System. This kit contains the following items:

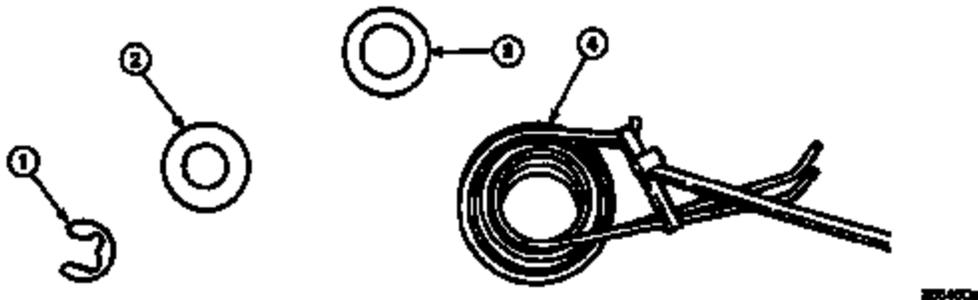


Figure 1 — 34RC2129M Spring Pack Replacement Kit

1. E-Ring
2. Small ID washer

3. Large ID washer
4. Spring pack with spacer

NOTE

Do not remove the tie wrap from the spring pack until assembled to the throttle pedal.

Tools required for installing the spring pack are as follows:

- No. 2 "stubby" Phillips screwdriver
- Standard blade screwdriver
- Quick drying waterproof blue or yellow paint marker
- Pliers

NOTE

On dual-steer LE chassis, the throttle pedal on both sides of the vehicle must be inspected and the spring pack replaced if necessary.

NOTE

Read and understand the following instructions before beginning the installation.

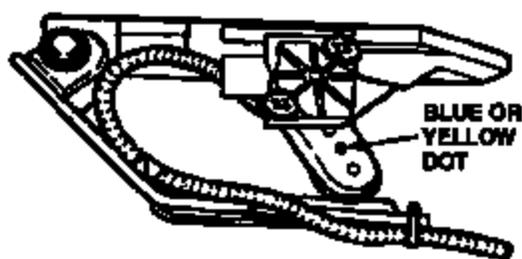
Certain chassis may be equipped with a throttle pedal manufactured by AlliedSignal Bendix Corporation and are not involved in this campaign. Before beginning the procedures outlined in this campaign, visually inspect the throttle pedal to determine if it is a Felsted assembly. A throttle pedal manufactured by Felsted Products, LLC, has the upper right-hand corner of the pedal cut at an angle as shown in the illustration below.



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Figure 2 — Felsted Throttle Pedal Assembly Identification

If the throttle pedal is a Felsted assembly, check for a blue or yellow mark on the left-hand side of the roller assembly arm. If a blue or yellow mark is present, the springs have already been replaced and installation of a spring pack is not necessary. If a blue or yellow mark is NOT present, a spring pack must be installed as outlined in the following instructions.



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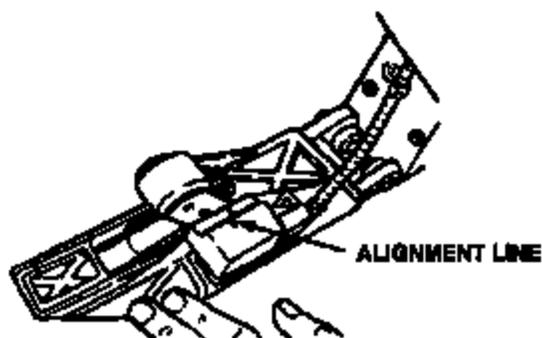
Figure 3 — Checking for Blue or Yellow Mark on Pedal Roller Arm

1. Pull back on the pedal top plate and then remove the two mounting bolts from the pedal base.
2. Disconnect the pedal sensor harness connector from the cab harness and remove the pedal assembly from the cab.

CAUTION

When servicing the throttle pedal, DO NOT remove the rubber boot attached to the sensor.

3. Scribe an alignment line across the bottom side of the sensor and the pedal footpad. This line will be used to align the sensor in the same location at reassembly.



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Figure 4 — Sensor Alignment Line

4. Remove the E-ring and the small ID washer from the sensor shaft.

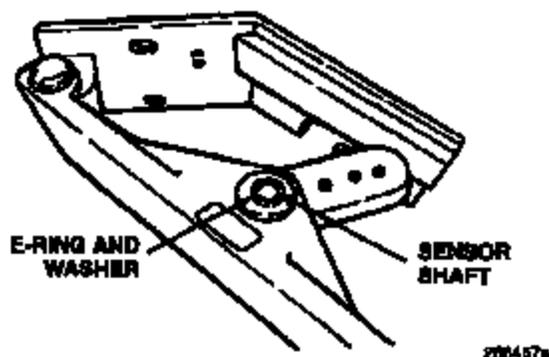


Figure 5 — Removing E-Ring and Washer

5. Remove the two sensor mounting screws from the side of the pedal assembly, and then remove the sensor.

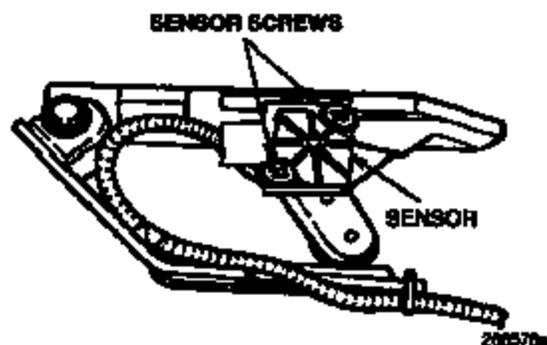


Figure 6 — Sensor Screws

NOTE

Some pedals may have black adhesive applied to the sensor screws. Reapplying the adhesive to the screws after servicing the throttle pedal is not necessary.

6. Using the Phillips screwdriver, remove the sensor shaft by pushing it from the E-ring side of the pedal assembly.

NOTE

Hold the roller and spring assembly with one hand while removing the sensor shaft.

Observe the orientation of the springs, roller assembly, spacer, arbor and washer as these components are removed.

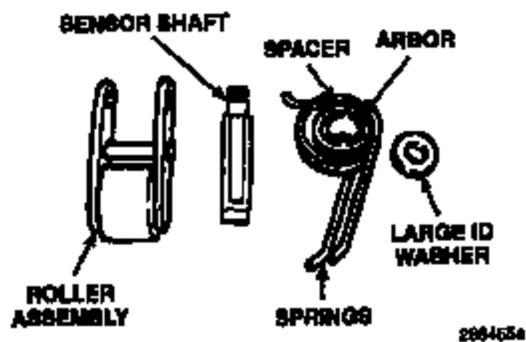


Figure 7 — Roller, Sensor Shaft, Spring Pack Assembly

7. Remove the arbor from the old spring assembly and insert it into the new spring pack.

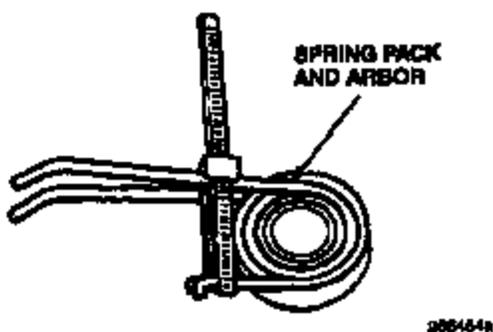


Figure 8 — Spring Pack and Arbor

- Place the new spring pack and arbor assembly into the roller, with the short spring legs hooked over the roller assembly cross bar.

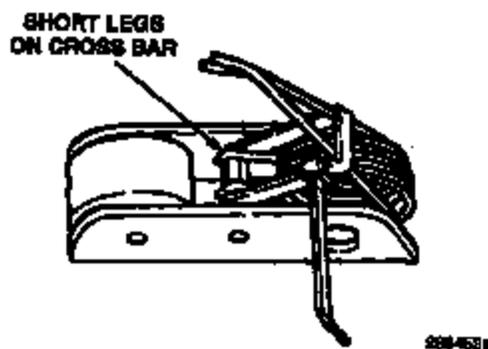


Figure 9 — Spring Pack Properly Installed in Roller Assembly

- Insert the roller and spring pack assembly into the footpad, making sure that the long spring legs are located within the wide center space of the footpad.

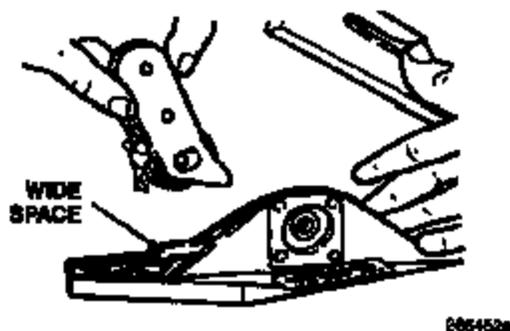


Figure 10 — Inserting Spring Pack and Roller Assembly Into Footpad

10. Insert the large ID washer between the roller assembly and the sensor mounting side of the footpad.

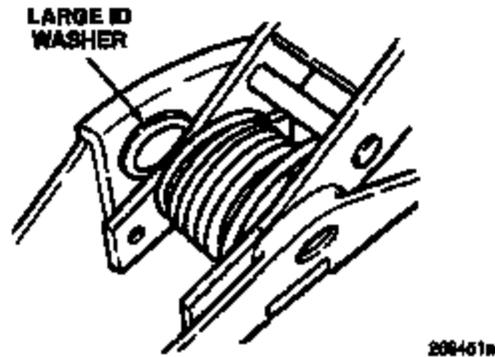


Figure 11 — Inserting Washer

11. Using the Phillips screwdriver, gently align the roller assembly and washer so that the sensor shaft can be installed.

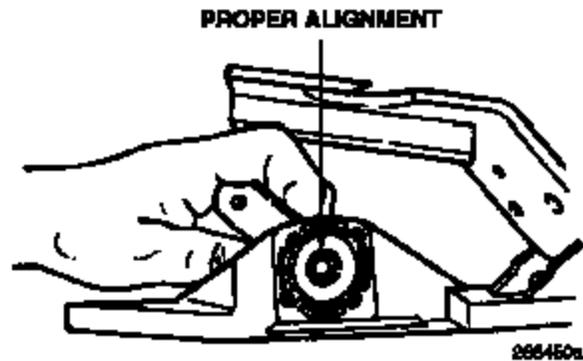


Figure 12 — Proper Alignment of Components for Sensor Shaft Installation

- Using finger force only, install the sensor shaft. For proper installation, the flats on sensor shaft must be perpendicular to the center line of the roller arm. Slightly rotating and wiggling the roller assembly will facilitate installation of the sensor shaft.

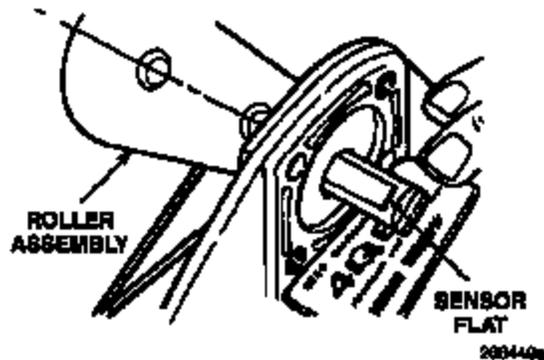


Figure 13 — Sensor Shaft Flats Perpendicular to Roller Arm

CAUTION

Use finger force only. Do not hammer the sensor shaft into position.

- After the sensor shaft is in place, place the small ID washer over the shaft and then snap the E-ring into the groove.
- Depress the pedal slightly and then pull or jerk the tie wrap "tail" forward (away from the pedal) by hand to remove.

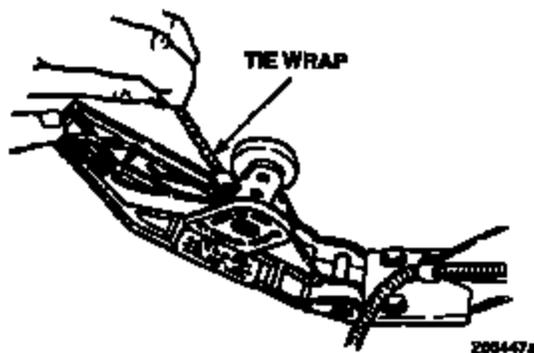


Figure 14 — Removing Tie Wrap

15. After the tie wrap has been removed, check to make sure that the spring legs are located at the outside edges of the wide space in the center of the footpad. Adjust the spring legs as necessary.

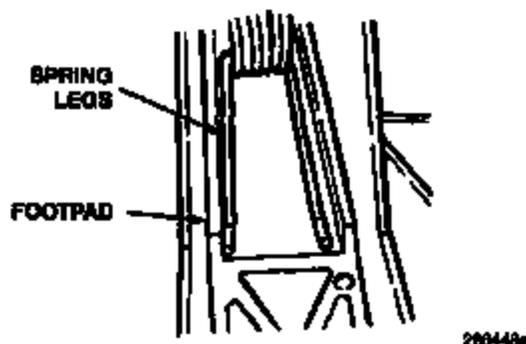


Figure 15 — Spring Legs Properly Positioned

16. Reinstall the sensor onto the pedal by rotating the sensor and wire harness counterclockwise (when facing the sensor) to align the sensor shaft drive tang with the slot in the sensor. After the sensor is fully seated against the footpad (no gap), install the two sensor mounting screws and washers. Match the alignment line scribed on the sensor with the alignment line scribed on the footpad and then tighten the screws.

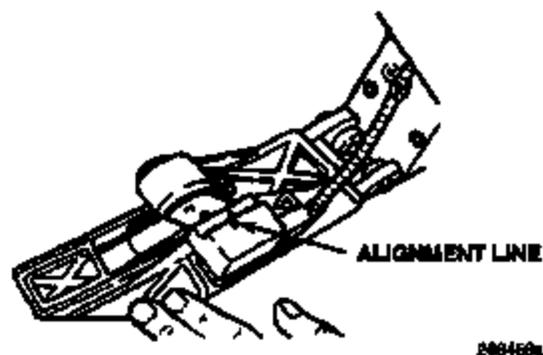


Figure 16 — Sensor-to-Footpad Alignment Line

17. Paint a blue or yellow mark on the left-hand side of the roller arm to indicate the spring pack retrofit kit has been installed.
18. Reinstall the pedal assembly into the cab and reconnect the throttle pedal sensor harness to the cab harness.
19. Start the engine and test throttle response. If the engine does not respond to pedal actuation, loosen the sensor mounting screws and readjust the sensor (making sure the sensor and footpad alignment lines are in alignment).

NOTE

If throttle pedal troubleshooting information is necessary, contact Felested Products, LLC, at 660-651-6011.

PARTS REQUIRED:

Order vehicle recall parts on a separate stock order and process through the parts distribution center normally serving your area. Do not include parts on this requisition that are not required for this recall campaign.

International orders are to be prefixed — V.O.R.

Required Part Numbers:

Qty.	Part No.	Description
1	34RC2128M	Spring pack retrofit kit

REMOVED PARTS:

The removed throttle return springs may be scrapped locally.

REIMBURSEMENT:

All expenses incurred as a result of this campaign are to be recovered through normal warranty claim procedures. Enter the following information on the warranty claim:

UNDER

ENTER

Failed Part Number SC0281

Labor Code/Allowance 282 3A FL 95 — 0.2 hr.

Time to visually inspect throttle pedal to determine if Felested assembly and if blue or yellow mark is present. Includes "take-charge" time. Do not request "take-charge" time separately.

282 3B FL 95 — 0.2 hr.

Additional time to remove and reinstall throttle pedal, and install Spring Pack Retrofit Kit.