

04V-531



# VEHICLE RECALL

## SC290

(Not applicable to Mack Trucks Australia)

**Date:** 3/3/05 (supersedes SC290 dated 1/24/05)

**To:** All MACK Dealers

**Subject:** Step Support Pedestal Weld Quality — CV Model Chassis

### Information:

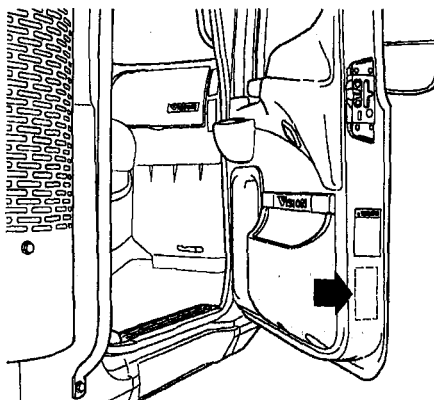
It has been determined that on certain CV model chassis, the step pedestals may not have been welded properly to the fuel tank straps. As a result, the step pedestal may separate from the fuel tank strap and cause the vehicle operator or passenger to fall from the vehicle when entering or exiting the cab. Approximately 920 CV model chassis manufactured between July 19, 2004 and August 25, 2004 are involved in this campaign. A list of affected vehicles has been sent to all applicable dealers.

### Procedures:

The step pedestal-to-fuel tank strap welds must be inspected on all affected chassis.

### NOTE

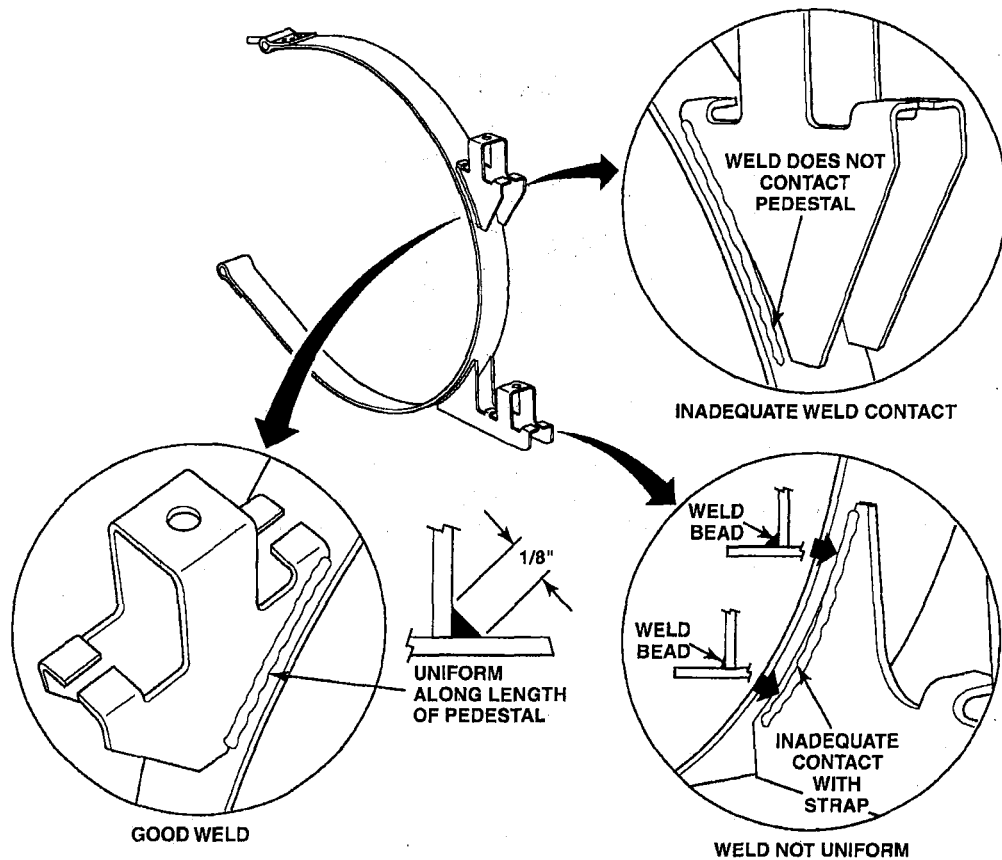
Before proceeding, check campaign status in the MACKnet system to see if the campaign has already been completed. Campaign status can also be checked by looking at the Campaign Completion Label located on the lower edge of the passenger-side door. If the campaign has been completed, the campaign number (SC290) and the completion date should be written on the label.



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Figure 1 — Campaign Label Location

The bead of weld attaching the pedestal to the strap must have equal coverage on both the strap and pedestal. Check both step pedestals (two pedestals per strap). The weld bead should be approximately 1/8" (3.1 mm) wide with equal contact between the pedestal and strap along the entire length of the pedestal. If the weld is less than 1/8" (3.1 mm), or the weld does not contact both the strap and pedestal, the strap must be replaced with new straps (part Nos. 8MB429 for painted finish, or 8MB430 for stainless steel polished finish). Refer to the following figure for illustrations of adequate and inadequate welds.

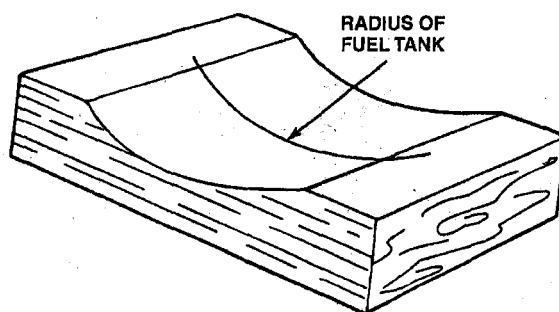


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Figure 2 — Step Pedestal Welds

### NOTE

Remove and replace one strap at a time. When removing the strap, it will be necessary to support the fuel tank with a floor jack and wooden block. Cutting a wooden block to the contour of the fuel tank as shown in the following illustration will minimize the risk of the fuel tank falling from the jack.



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Figure 3 — Wooden Block Cut to Contour of Fuel Tank

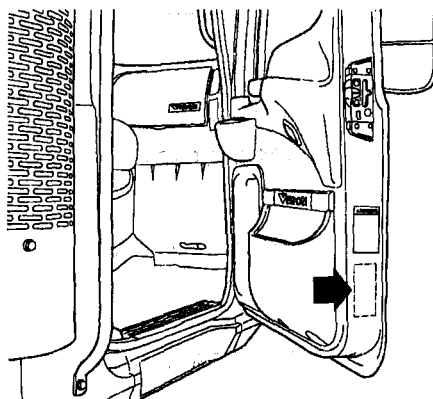
When installing the new strap, reuse the existing rubber insulator between the tank and strap. If, however, the insulator is damaged, replace with part No. 798AM100F. Use a new T-bolt nut (part No. 21AX360) and tighten to the following specifications:

REV

- **Steel Tank** — 40 lb-ft (54 N•m)
- **Aluminum Tank** — 35 lb-ft (48 N•m)

### NOTE

To indicate that the campaign has been completed, use a permanent-type marker (such as a Sharpie®) to write the campaign number (SC290) and completion date in the spaces provided on the Campaign Completion label located on the lower edge (below the door latch) of the passenger-side door. If a label is not already affixed to the door, apply a label (part No. TS897) and supply the information as required. Campaign Completion labels are available in packs of 50 and can be ordered by faxing a completed BR313 to Pacesetters Business Services at 610-264-9465.



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**Figure 4 — Campaign Label Location**

**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                                                                                    |
|------|-----------|------------------------------------------------------------------------------------------------|
| *    | 8MB429    | Strap, fuel tank mounting, painted finish                                                      |
| *    | 8MB430    | Strap, fuel tank mounting, stainless steel polished finish                                     |
| *    | 21AX360   | Lock nut, 5/8-18 UNF, Fuel tank mounting T-bolt                                                |
| *    | 798AM100F | Rubber insulator (between strap and fuel tank), required only if existing insulator is damaged |

\* Quantity depends upon number of straps where replacement is necessary.

**Removed Parts:**

The removed fuel tank straps must be returned to the Technical Material Analysis Center. The minimum dollar value (\$50.00 in the U.S. and \$150.00 in Canada) for returned material is waived for this campaign. In the U.S., return the removed fuel tank straps to the Technical Material Analysis Center at the following address:

Technical Material Analysis Center  
4100 Bob White Blvd.  
Pulaski, VA 24301

In Canada, return the removed fuel tank straps to:

Technical Material Analysis Center via Morrice Transportation  
3049 Devon Drive  
Windsor, Ontario  
N8X 4L3

**Reimbursement:**

Campaign expenses are to be recovered through normal warranty claim procedures. Enter the following information on the warranty claim:

| <b>UNDER</b>               | <b>ENTER</b>           |                                                                                                                                     |
|----------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Failed Part No.....        | SC0290                 |                                                                                                                                     |
| Labor Code/Allowance ..... | 231 1B ZA 95 — 0.2 hr. | Time allowed to take charge of vehicle, determine campaign status and inspect fuel tank straps.                                     |
|                            | 231 1C ZA 95 — 1.0 hr. | Time allowed to remove and replace one fuel tank strap on left-hand side of chassis. Includes "take-charge" and inspection times.   |
|                            | 231 1D ZA 95 — 1.1 hr. | Time allowed to remove and replace two fuel tank straps on left-hand side of chassis. Includes "take-charge and inspection times.   |
|                            | 231 1E ZA 95 — 1.0 hr. | Time allowed to remove and replace one fuel tank strap on right-hand side of chassis. Includes "take-charge" and inspection times.  |
|                            | 231 1F ZA 95 — 1.1 hr. | Time allowed to remove and replace two fuel tank straps on right-hand side of chassis. Includes "take-charge" and inspection times. |

**NOTE**

As required by Federal Motor Vehicle Safety Standards 49 CFR 573.11, no vehicle subject to an open safety campaign shall be delivered to the customer until such time as the defect or noncompliance is remedied.