

This Field Service Bulletin replaces bulletin, "FSB861-006, Bumper, Replacement" PV729-FSB861-006_M (USA67108) dated (01/2015).

Date 1.2015 Group **861** No. **006** Release **02** Page 1(8)

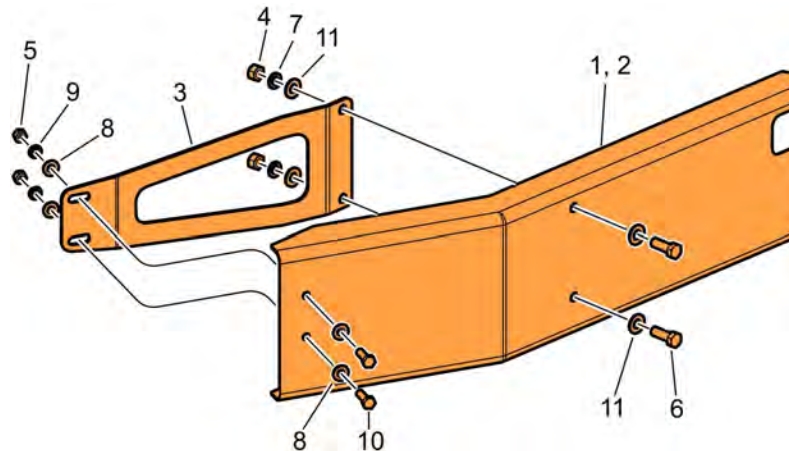
Bumper, Replacement MRU

FSB 861-006, Bumper, Replacement

(January 2015)

The current front bumper on some MACK MRU trucks built between 10/22/2007 and 11/14/2014 may experience twisting and warping when mounted with single support struts at each end of the bumper. To prevent warping and twisting of the front bumper, a more robust bumper design will replace the current bumper (part number 25165882, or 25165881). Additionally, new bumper brackets and mounting hardware will be used install the new front bumper. See the table below for required parts.

Note: This bulletin does not apply to MACK Trucks Australia.



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Required Parts (Bumper, Replacement)

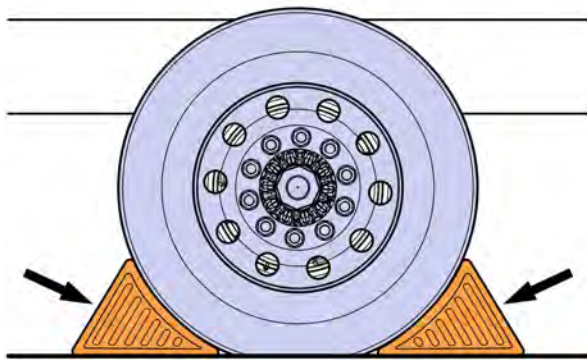
| Item | Description | Part Number | Qty |
|------|------------------------------|-------------|-----|
| 1 | Bumper, ST STL Clad Aluminum | 82778556 | 1 |
| 2 | Bumper, Front | 82778558 | 1 |
| 3 | Bracket, Bumper | 82760446 | 2 |
| 4 | Hexagon Nut | 25165836 | 4 |
| 5 | Hexagon Nut | 25165835 | 4 |
| 6 | Hexagon Screw | 25166096 | 4 |
| 7 | Lock Washer | 25165838 | 4 |
| 8 | Flat Washer | 25165840 | 8 |
| 9 | Lock Washer | 25165837 | 4 |
| 10 | Hexagon Screw | 25168212 | 4 |
| 11 | Flat Washer | 25165839 | 8 |

Decommissioning the Truck for Repair

You must read and understand the precautions and guidelines in Service Information, group 80, "General Safety Practices, Body, Cab, and HVAC" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

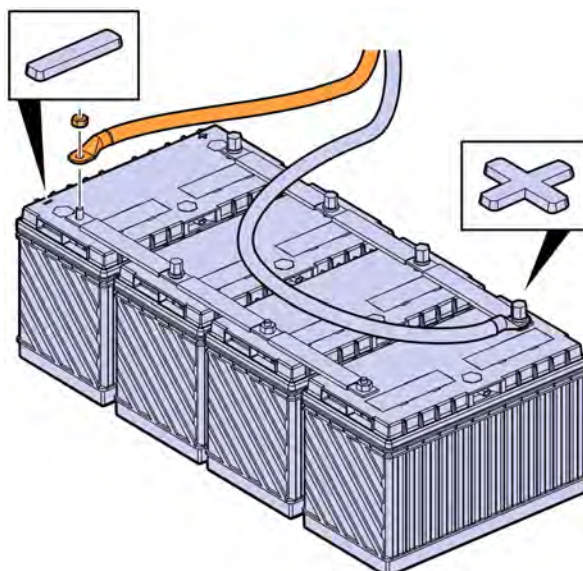
NOTE: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

- 1 Park the vehicle on a flat and level surface.
- 2 Apply the parking brake.
- 3 Place the transmission in neutral or park.
- 4 Install the wheel chocks.



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- 5 Disconnect the cable from the battery's negative terminal.



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Bumper Replacement Procedure

1

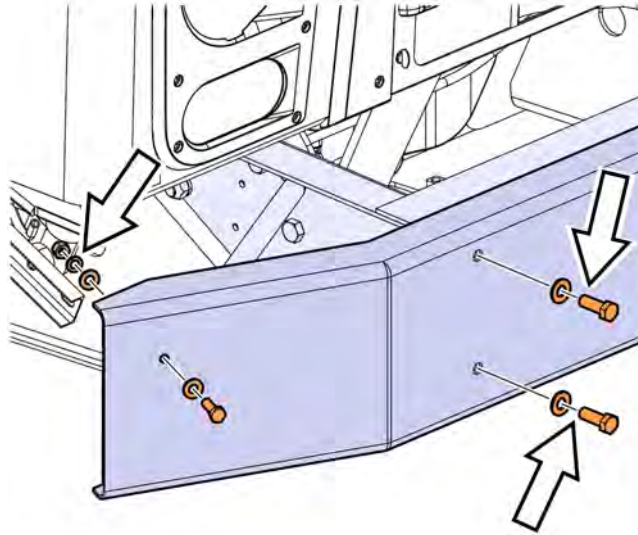
Note: The right side of the truck is shown for instructional purposes.



WARNING

Heavy component, exercise caution when handling the bumper. Assistance is required.

With assistance, remove the fasteners securing the bumper to the chassis and support brackets.



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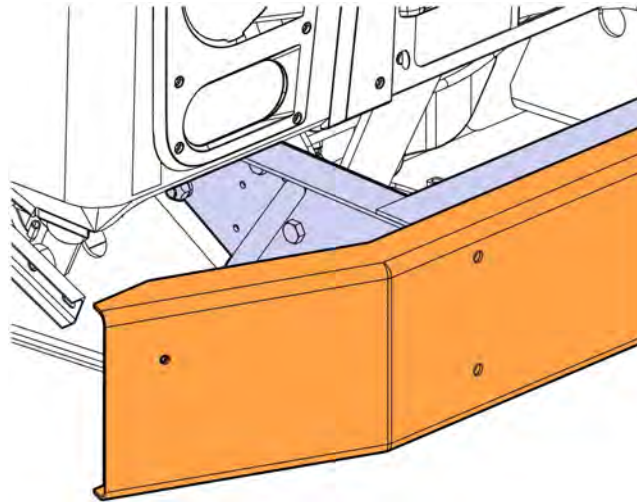
2



WARNING

Heavy component, exercise caution when handling the bumper. Assistance is required.

With assistance, remove the bumper.

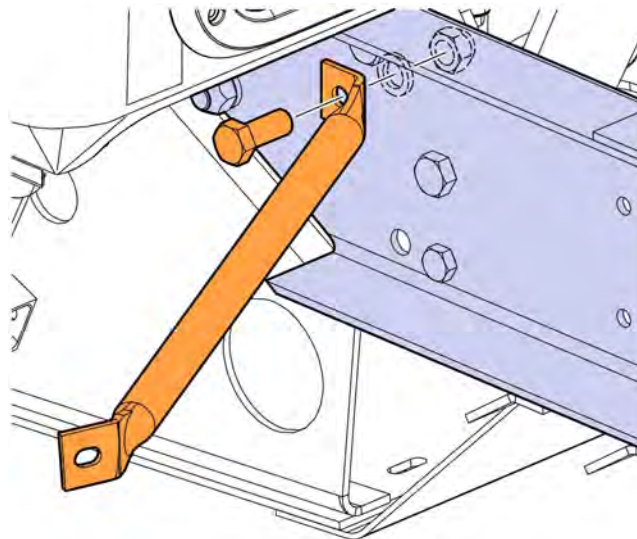


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3 Remove the fasteners securing the bumper support brackets to chassis on both sides.

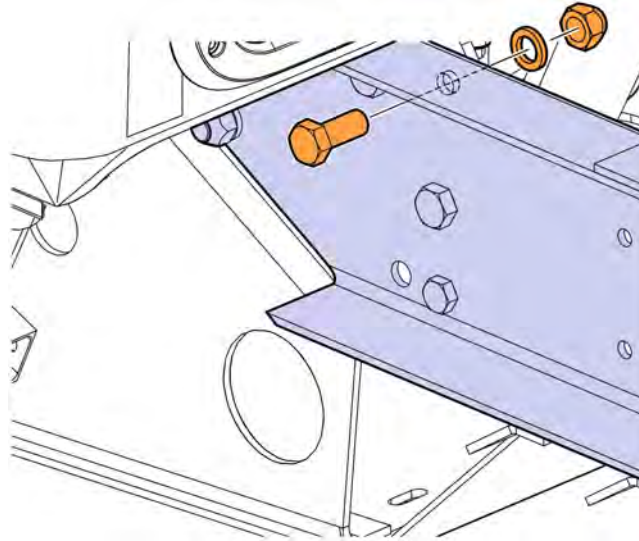
Note: Discard the bumper to chassis support brackets.

Note: Store the fasteners for reuse.



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- 4 Using the stored fasteners, reinstall the fasteners in the chassis as shown below.
- 5 Tighten the fasteners to 271 ± 67 Nm (200 ± 50 ft-lb).



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6

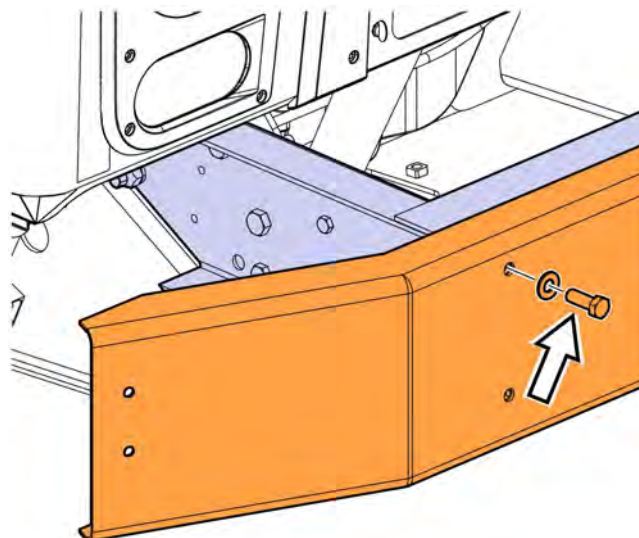


WARNING

Heavy component, exercise caution when handling the bumper. Assistance is required.

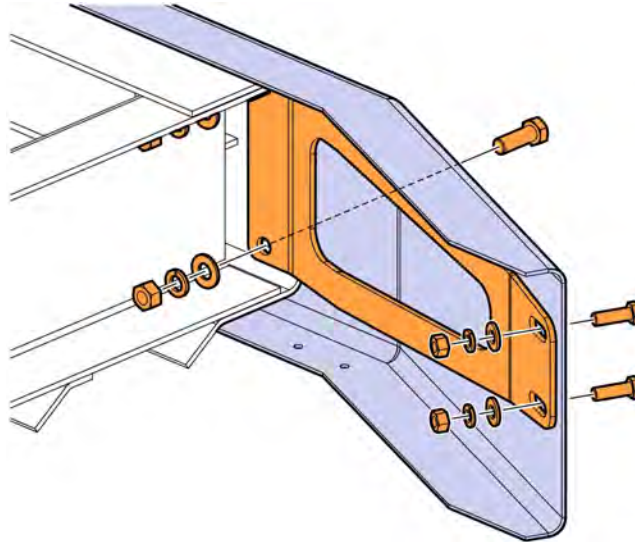
With assistance, position the replacement bumper and install the upper center mounting fasteners and flat washers to support the bumper.

Note: Do not install the hex nuts and washers on the other side of the bumper at this time.



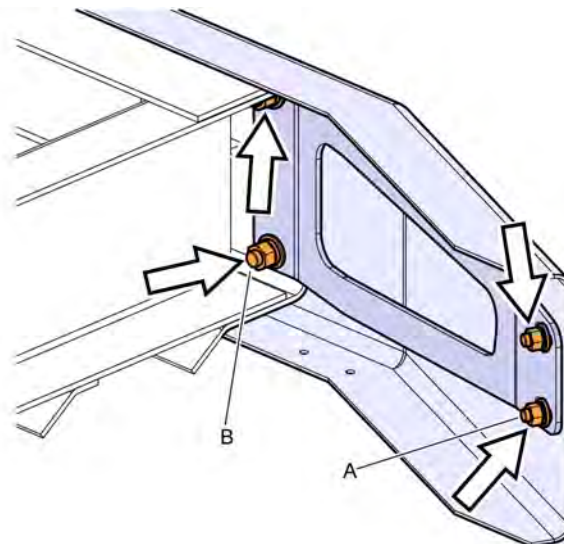
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- 7 Position the new chassis to bumper support brackets on both ends and loosely install the upper and lower center mounting fasteners.
- 8 Position the new bumper support brackets on both ends and loosely install all fasteners.



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- 9 Tighten all of the bumper fasteners to specification. See the table below for torque specifications.

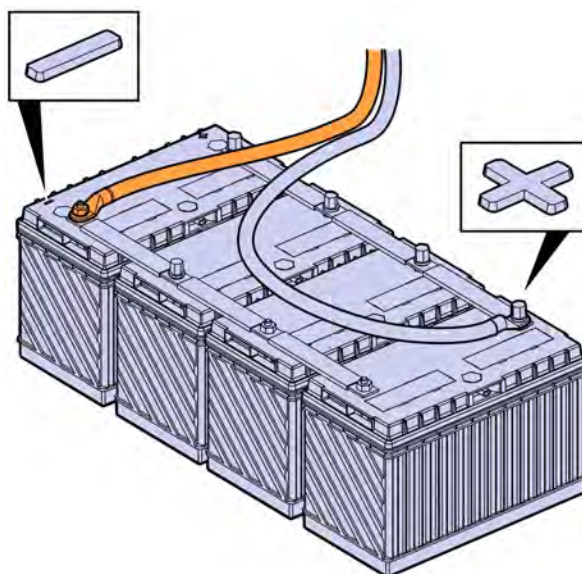


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| Front Bumper Torque Specification | | |
|-----------------------------------|-------------------------|------------------------------|
| Item | Description | Torque Specificaton |
| A | 14.2 mm (.5625 in) Bolt | 189 ± 40 Nm (140 ± 30 ft-lb) |
| B | 15.8 mm (.625 in) Bolt | 271 ± 67 Nm (200 ± 50 ft-lb) |

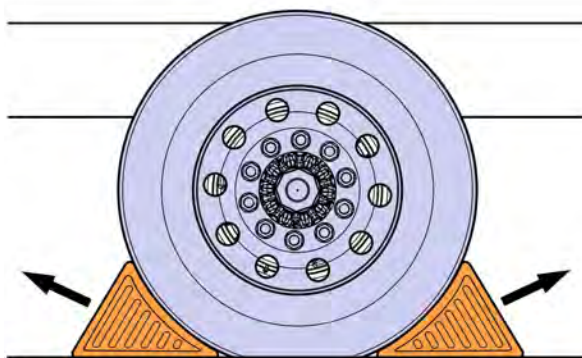
Commissioning the Truck for Operation

- 1 Connect the battery cable to the negative (ground) terminal.



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- 2 Remove the wheel chocks.



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Reimbursement

| This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process. | UCHP Reimbursement | eWarranty Reimbursement |
|--|---------------------------|--------------------------------|
| Claim Type (used only when uploading from the Dealer Bus. Sys.) | 01 | 01 |
| Labor Code | | |
| Primary Labor Code (Bumper, Replacement) | 8611-03-09-01 0.4 hrs. | 6662B-ZU-80 0.4 hrs. |
| Causal Part | 25165882, 25165881 | 25165882, 25165881 |

MACK Trucks North America reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.