

Revised Mirror Mounting Arrangement

M-846-005

(October 2008)

Valid for

All MRU chassis

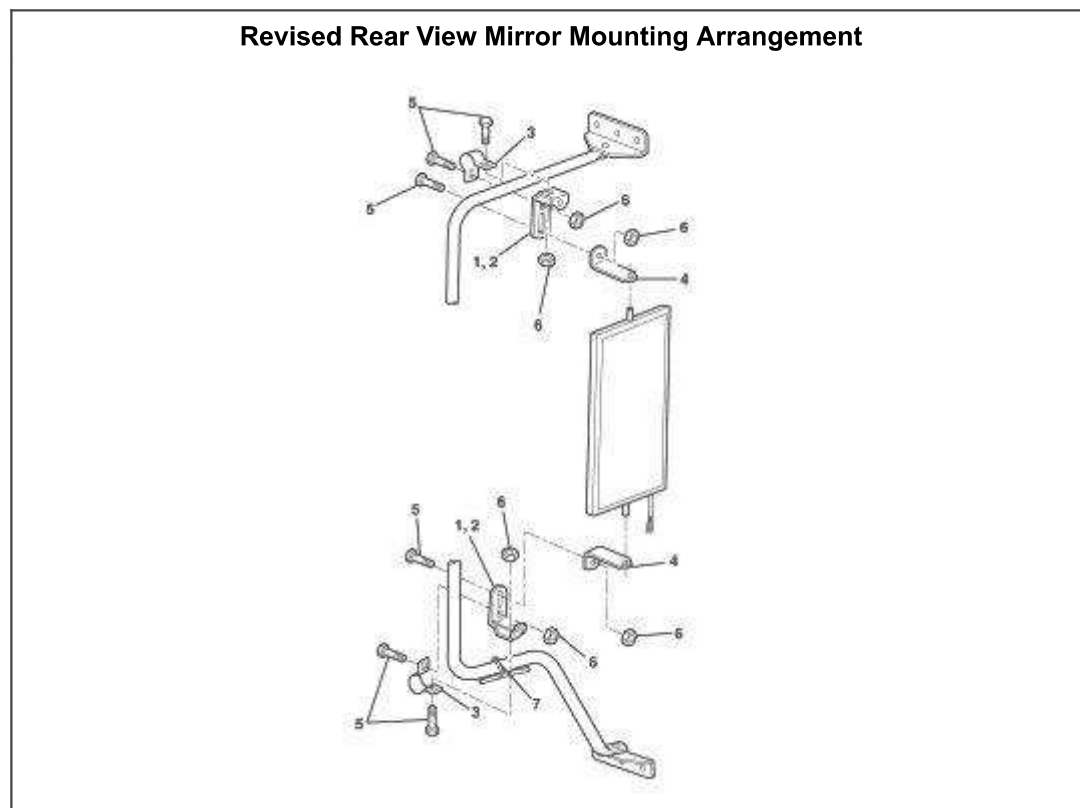
Case description

On certain MRU model chassis equipped with single or dual spot mirrors, excessive vibration, which is amplified by the weight of the spot mirror and transmitted into the mirror mounts, results in a distorted image seen in the rear-view mirror. To correct this condition, a more robust mirror mounting arrangement has been developed and is available through the MACK Parts System.

Note: Does not apply to Mack Trucks Australia.

Parts

Parts for the revised mirror mounting arrangement are as follows:



Key	Part number	Description
1	82246953	U-Bracket, rear-view mirror mounting, left-hand side lower and right-hand side upper

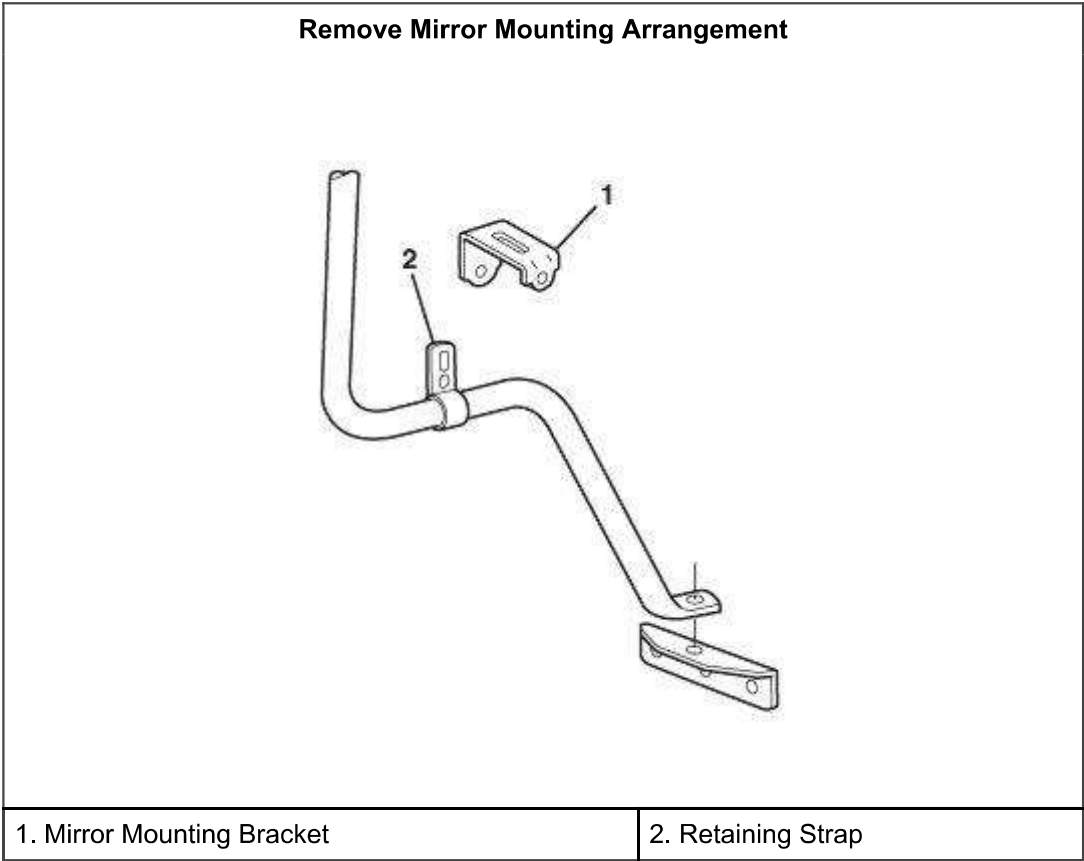
2	82250363	U-Bracket, rear-view mirror mounting, right-hand side lower and left-hand side upper
3	82243485	Strap, retaining
4	25165874	Bracket, angle
5	25108300	Bolt
6	25099965	Lock nut
7	48RU2313	Tie wrap

Repair

The quantity of brackets and retaining straps required for this modification depends upon whether the chassis is equipped with single or dual spot mirrors. For single spot mirrors, one U-bracket, retaining strap and angle bracket per side are required. For dual spot mirrors, two U-brackets, retaining straps and angle brackets per side are required. Installation procedures are as follows:

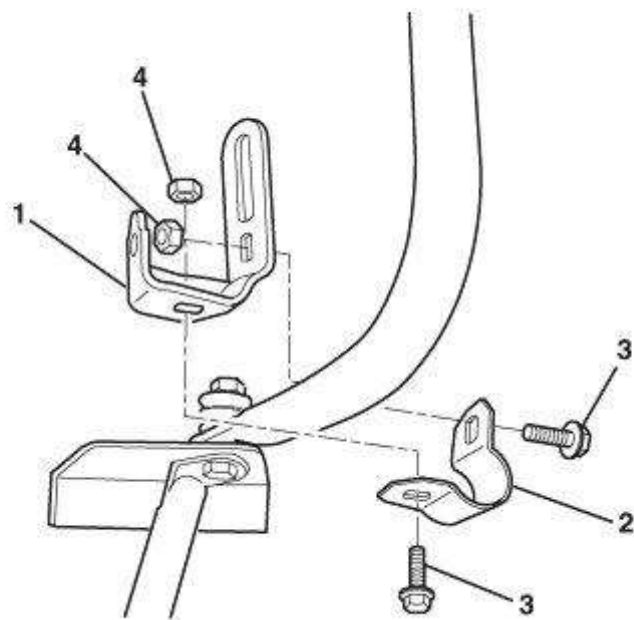
Lower Spot Mirror

1. Remove the lower spot mirror.
2. Cut the tie wrap that secures the mirror wire harness to the mirror bracket.
3. Remove the nut that secures the rear-view mirror to the lower mounting bracket.
4. Remove the existing rear-view mirror lower mounting bracket and retaining strap.



5. Using two bolts (part number 25108300) and nuts (part number 25099965), install the new retaining strap (part number 82243485) and lower U-bracket (part number 82246953 for the left-hand side or part number 82250363 for the right-hand side) with the “U” facing up.

Install U-Bracket and Strap

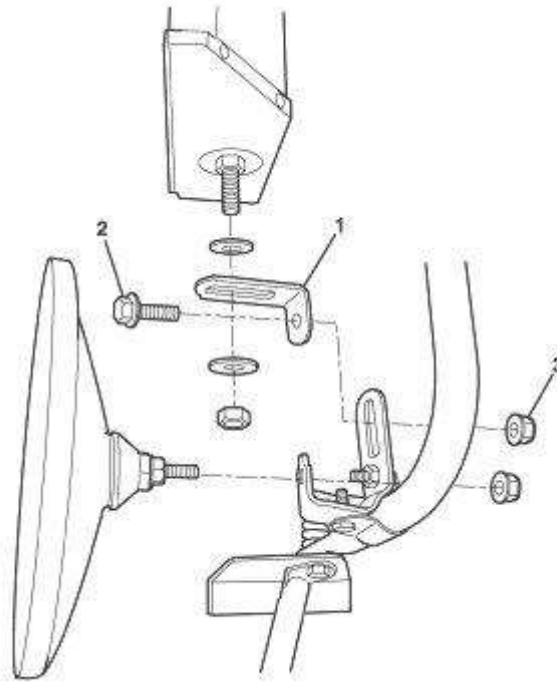


Key	Qty.*	Part number	Description
1	1	82246953	U-Bracket, mirror mounting, left-hand side, lower
	1	82250363	U-Bracket, mirror mounting, right-hand side, lower
2	2	82243485	Strap, retaining
3	2	25108300	Bolt
4	2	25099965	Nut

* Quantity per side of vehicle.

6. Using one bolt (part number 25108300) and nut (part number 25099965), install the angle bracket (part number 25165874, left- and right-hand sides) to the slotted hole in the U-bracket.

Install Angle Bracket



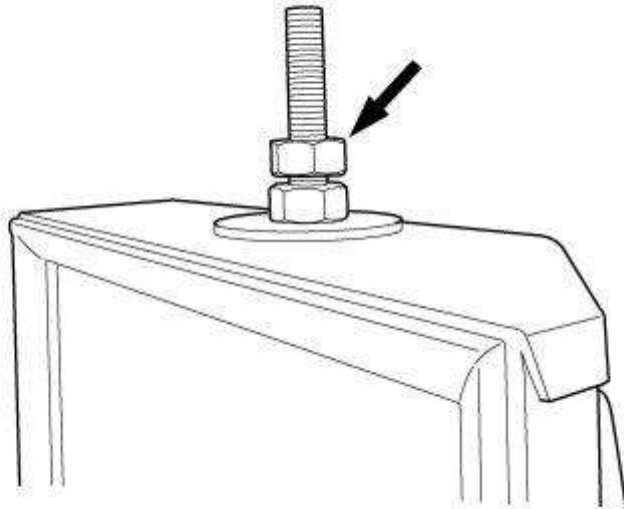
Key	Qty.*	Part number	Description
1	1	25165874	Bracket, angle
2	1	25108300	Bolt
3	1	25099965	Nut
* Quantity per side of vehicle.			

7. Using the existing nut, secure the rear-view mirror to the lower angle bracket.
8. Using the existing nut, install the spot mirror to the hole in the forward leg of the U-bracket.
9. Secure the mirror wire harness to the mirror stanchion bracket with a tie wrap (part number 48RU2313).

Upper Spot Mirror

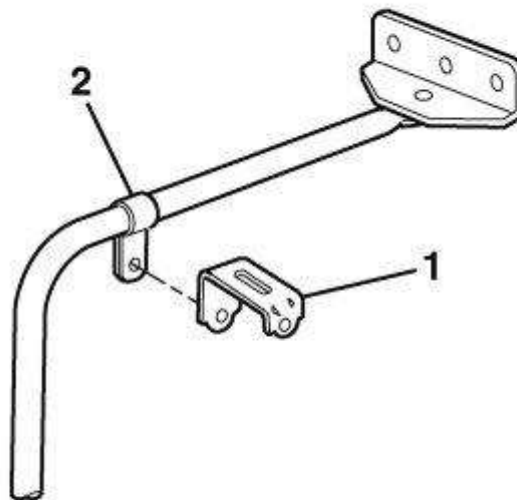
1. Remove the upper spot mirror.
2. Remove the nut that secures the rear-view mirror to the upper mounting bracket.
3. Remove and discard the second nut from the mirror upper mounting stud.

Remove Second Nut from Mirror Mounting Stud



4. Remove the existing upper mirror mounting bracket and retaining strap.

Remove Upper Mounting Bracket and Retaining Strap

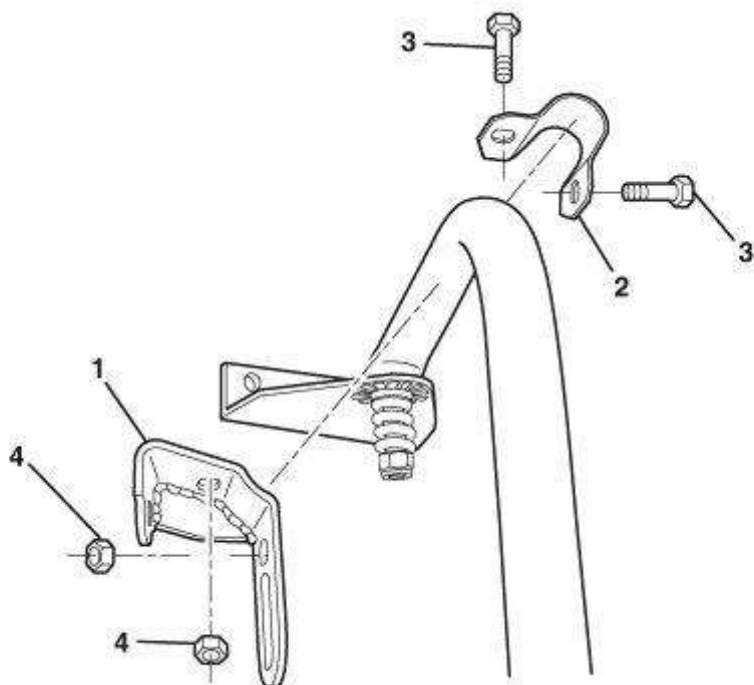


1. Mirror Mounting Bracket

2. Retaining Strap

5. Using two bolts (part number 25108300) and two nuts (part number 25099965), install the retaining strap (part number 82243485) and U-bracket (part number 82246953 for the right-hand side and 82250363 for the left-hand side), with the "U" facing down.

Install U-Bracket and Strap

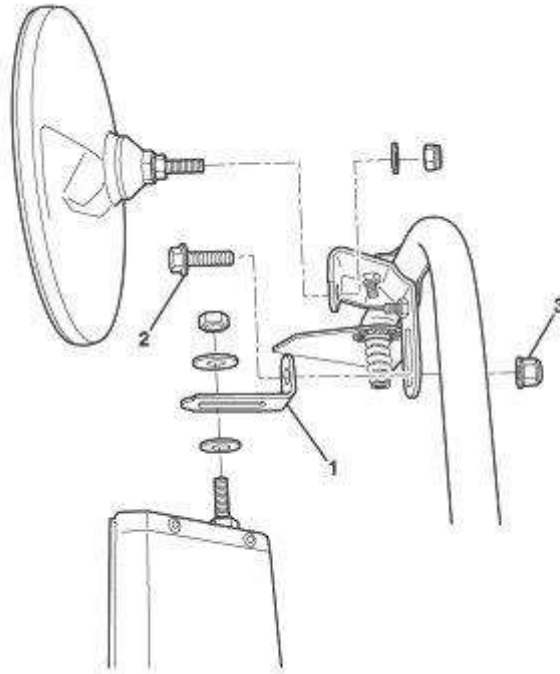


Key	Qty.*	Part number	Description
1	1	82246953	U-Bracket, mirror mounting, right-hand side, upper
	1	82250363	U-Bracket, mirror mounting, left-hand side, upper
2	2	82243485	Strap, retaining
3	2	25108300	Bolt
4	2	25099965	Nut

* Quantity per side of vehicle.

- Using one bolt (part number 25108300) and nut (part number 25099965), install the angle bracket (part number 25165874) to the slotted hole in the U-bracket.

Install Angle Bracket



Key	Qty.*	Part number	Description
1	1	25165874	Bracket, angle
2	1	25108300	Bolt
3	1	25099965	Nut
* Quantity per side of vehicle.			

7. Using the existing nut, secure the rear-view mirror to the upper angle bracket.
8. Using the existing nut, install the spot mirror to the forward leg of the U-bracket.

Warranty Information

Reimbursement

This Repair may be eligible for reimbursement if a product failure was experienced within the time and mileage limits of the applicable warranty coverage. Reimbursement is obtained via normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	01
Labor Code	
Primary Labor Code	661 3A 00 80 — 0.3 hrs., time allowed per side to install revised mirror mounting arrangement on MRU model chassis equipped with single spot mirrors.
	661 3B 00 80 — 0.6 hrs., time allowed per side to install revised mirror mounting arrangement on MRU model chassis

	equipped with dual spot mirrors.
Causal Part	N/A

Issued by

Technical Service

Mack Trucks, Inc. engages in a continuous program of testing and evaluating to provide the best possible product. Mack Trucks, Inc., however, is not committed to, or liable for updating existing chassis.