

# Heavy-Duty Rubber and Bronze Bushed Trunnion Brackets

M-654-001

(May 2008)

## Valid for

All Mack models built with 38,000 lb and 44,000 lb Mack suspension.

## Case description

In certain severe applications, the standard 38,000-lb and 44,000-lb trunnion brackets may develop cracks in the bottom plate, across the bracket or around the weld between the bracket legs and spindle cover casting. To enhance the durability of vehicles used in these severe operations, heavy-duty 38,000-lb and 44,000-lb trunnion brackets have been designed and are available as a customer option on new truck orders. Additionally, heavy-duty trunnion brackets are available through the MACK Parts System for those customers who wish to upgrade from the standard trunnion bracket to the new heavy-duty design.

*Note: The severe-duty trunnion brackets described in this bulletin are NOT to be used for warranty repairs. Should a trunnion bracket require replacement under warranty, refer to service bulletin SB137015).*

## Repair

Severe-duty trunnion brackets, including both rubber bushed and bronze bushed types, are available for all models originally equipped with trunnion bracket part Nos. 97QL585, 97QL588, 97QL5117M, 97QL5118M or 97QL5119M. Currently, these heavy-duty trunnion brackets are only available in the standard height configuration. The heavy-duty trunnion brackets are manufactured with a 1/2" plate, and other design features include improvements to the top and bottom plates, legs and bolt reinforcement bracket. Additionally, a gusset has been added to the bottom plate-to-leg connection. The "P" variations of the part numbers designate frame mounting fastener type (Huck-Fit® or body-bound bolts). Before ordering a trunnion bracket, determine the mounting bolt hole pattern and fastener type. Refer to the following charts for the part numbers of both the rubber bushed and bronze bushed trunnion brackets. The following illustration shows the two mounting bolt hole patterns.

## Parts

### Bronze Bushed Trunnion Bracket Replacement Part Numbers

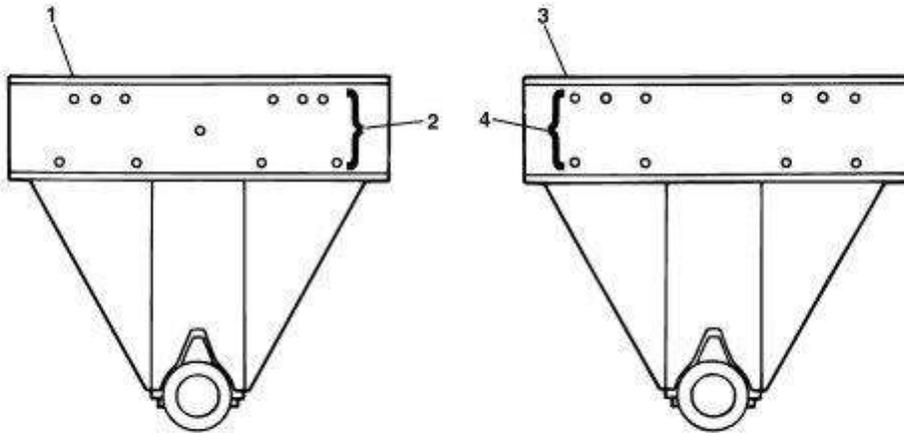
Part No.	Description	Replaces
97QL5122	Trunnion bracket, trapezoidal mounting bolt hole pattern, body-bound bolts	97QL585 — 38,000-lb and 44,000-lb trunnion brackets
97QL5122P2	Trunnion bracket, trapezoidal mounting bolt hole pattern, Huck-Fit® fasteners	97QL585 — 38,000-lb and 44,000-lb trunnion brackets
97QL5122P3	Trunnion bracket, square mounting bolt hole pattern,	97QL5119M — 38,000-lb and 44,000-lb

Huck-Fit® fasteners	trunnion brackets
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## Rubber Bushed Trunnion Bracket Replacement Part Numbers

Part No.	Description	Replaces
97QL5133	Trunnion bracket, trapezoidal mounting bolt hole pattern, body-bound bolts	97QL588 — 44,000-lb trunnion brackets
97QL5133P2	Trunnion bracket, trapezoidal mounting bolt hole pattern, Huck-Fit® fasteners	97QL588 — 44,000-lb trunnion brackets
97QL5133P3	Trunnion bracket, square mounting bolt hole pattern, Huck-Fit® fasteners	97QL5118M/44,000-lb trunnion bracket 97QL5117M/38,000-lb trunnion bracket

### Trunnion Bracket Mounting Bolt Hole Pattern



1. Trunnion Bracket — 97QL5122 and 97QL5133 for Body-Bound Bolts, 97QL5122P2 and 97QL5133P2 for Huck-Fit® Fasteners

3. 97QL5122P3 and 97QL5133P3 for Huck-Fit® Fasteners Only

If trunnion bracket cracks are encountered on a vehicle used in severe types of operations, upgrading to the new heavy-duty bronze or rubber bushed trunnion bracket is recommended.

## **Issued by**

Technical Service