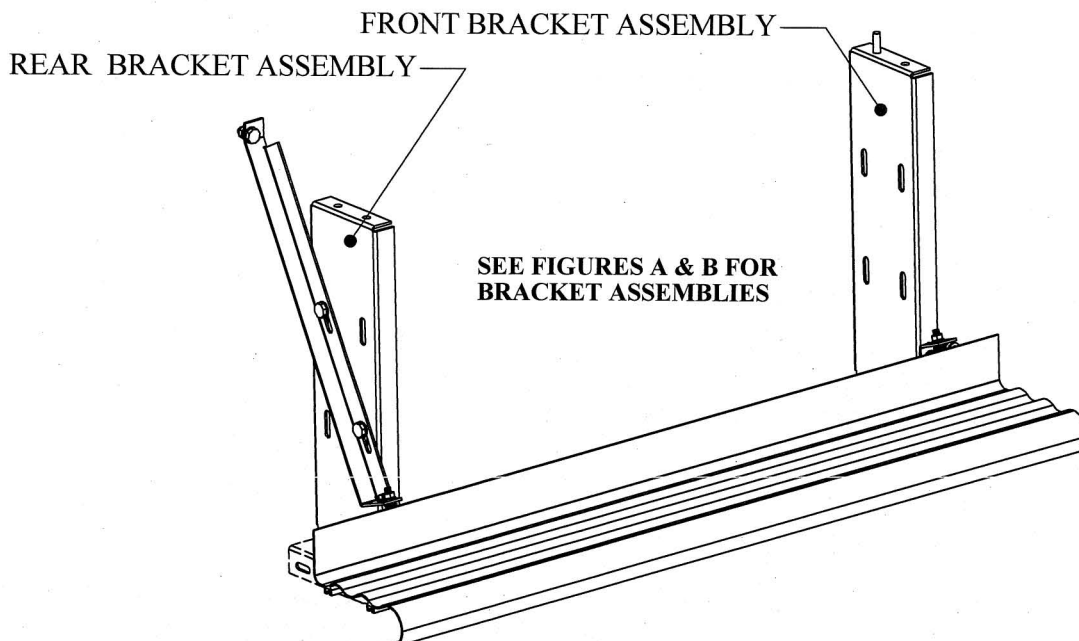


MX-321-02  
MX-321-02B  
MX-337-02  
MX-337-02B

**2002 Dodge Ram  
Installation Instructions  
Read Carefully before Installing  
Long bed & Short bed**

**Section A  
Bracket installation.**

1. For the rear bracket installation remove the top bolt for the fender brace that goes to the box pinch weld and move the brace to the front and 1 1/2" back along the pinch weld. Remove the bottom bolt for the fender brace. Install the long angle brace with the larger obround hole between the fender brace and fender (flat side will face the front of the truck) reinstall the factory bolt. Set the top of the angle 1/2" back from the gas filler pipe and hold it tight to the floor. Drill a 5/16" hole through the pinch weld using the hole in the top of the angle as a guide. Bolt together with a 5/16" nut and bolt. Drill a 5/16" hole through the pinch weld using the hole in the top of the fender brace as a guide. Reinstall the factory bolt from the inside through the pinch weld and into the fender brace.
2. Bolt the vertical bracket to the front side of the angle with two 5/16" bolts and nuts. See figure A.
3. For the front bracket measure in from the end of the crossmember 5 1/2" and drill a 9/32" hole. Bolt the top of the bracket to the crossmember with a 5/16" thread cutter bolt. Bolt the small angle bracket to the vertical bracket with a 5/16" bolt and nut, drill a 9/32" hole through the rocker panel using the hole in the small angle as a guide. Bolt the small angle to the rocker panel with a 1/4" black carriage bolt and nut. See figure B.



## Section B

### Running board setup

**CAUTION Care must be taken not to scratch mud flaps on sharp objects.**

1. Install one square head bolt for each bracket in each track on the underside of the running board.
2. Install a mud flap on one end of the board and an end cap on the other using the 5/16" x 1" black bolts. Thread the bolts through the holes and then into the track, the bolts will cut their own threads in the track, do not over tighten these bolts.

Bolt the horizontal channels to the bottom of boards using the square head bolts already placed in the track with 1/4" nuts. Do not tighten at this time; leave loose enough to be able to slide the channel.

## Section C

### Installing the boards to the vehicle.

1. If the vehicle has flares, check to see if there is enough clearance for the board, trim with a utility knife if necessary.
2. Position the board on the vehicle with the mud flap tight to the wheel well, **(CAUTION do not slide the mud flap across the screw heads inside the wheel well as this will scratch them)**, use locking pliers to hold it in place by clamping the channels to the vertical brackets.
3. Bolt the channels to the vertical brackets with 5/16"x 3/4" bolts and 5/16" nuts. Do not tighten these bolts at this time leave finger tight.
4. Set the board level with the vehicle and make sure that the mud flap is tight to the wheel well. Also check the board to see if it is parallel with the pinch weld, now tighten the bolts. Tighten the bolts holding the channels to the board first, then the bolts holding the channels to the vertical brackets. Note not all bolts are used in every set of running boards.

## Section D

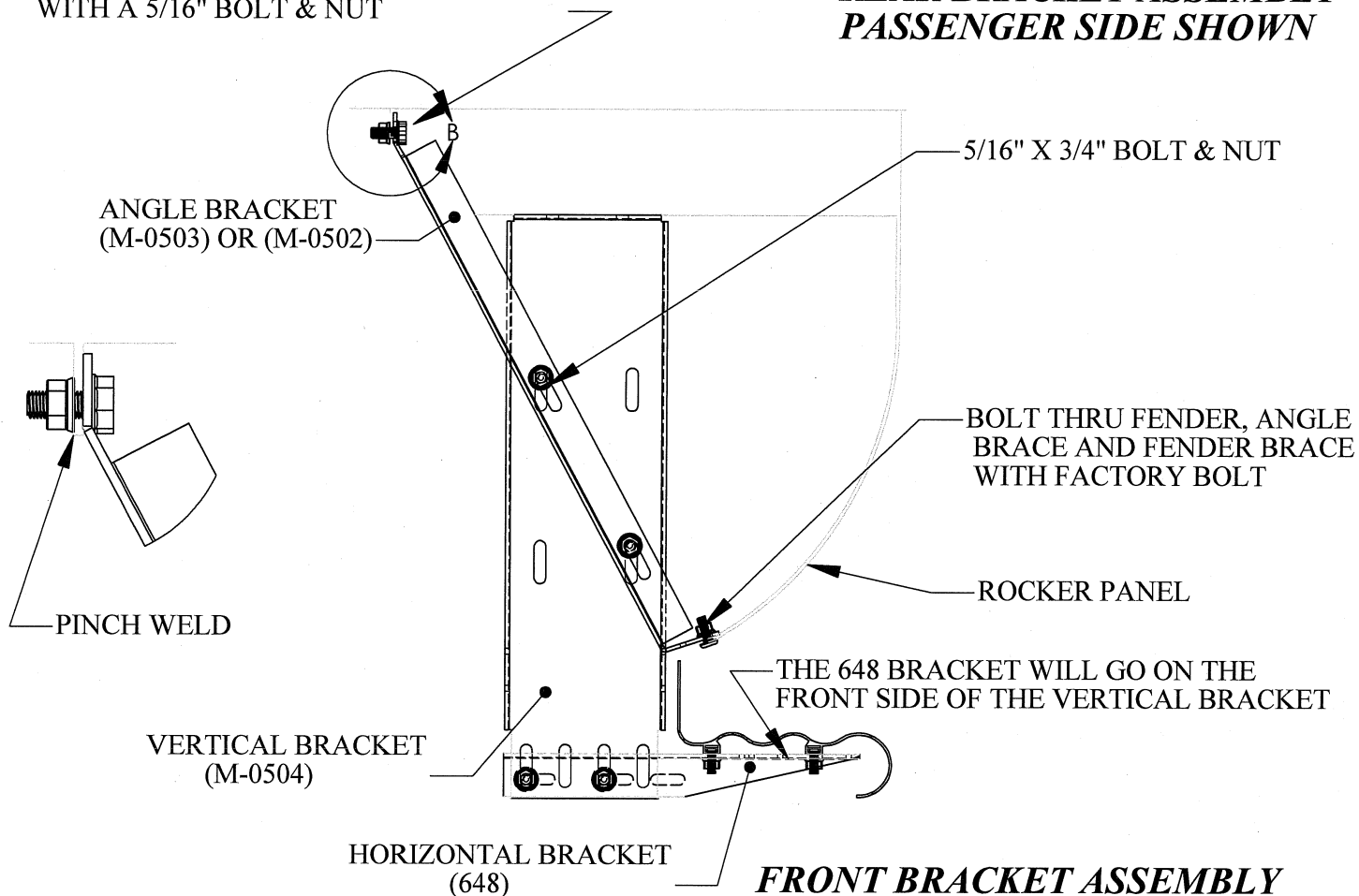
### Securing the mud flap to the wheel wells.

1. Starting at the bottom drill a 1/8" hole in three places through the mud flap and the wheel well. Drill and secure each location with a # 8 sheet metal screw before drilling next location.

# FIGURE A

BOLT THRU PINCH WELD AND ANGLE  
WITH A 5/16" BOLT & NUT

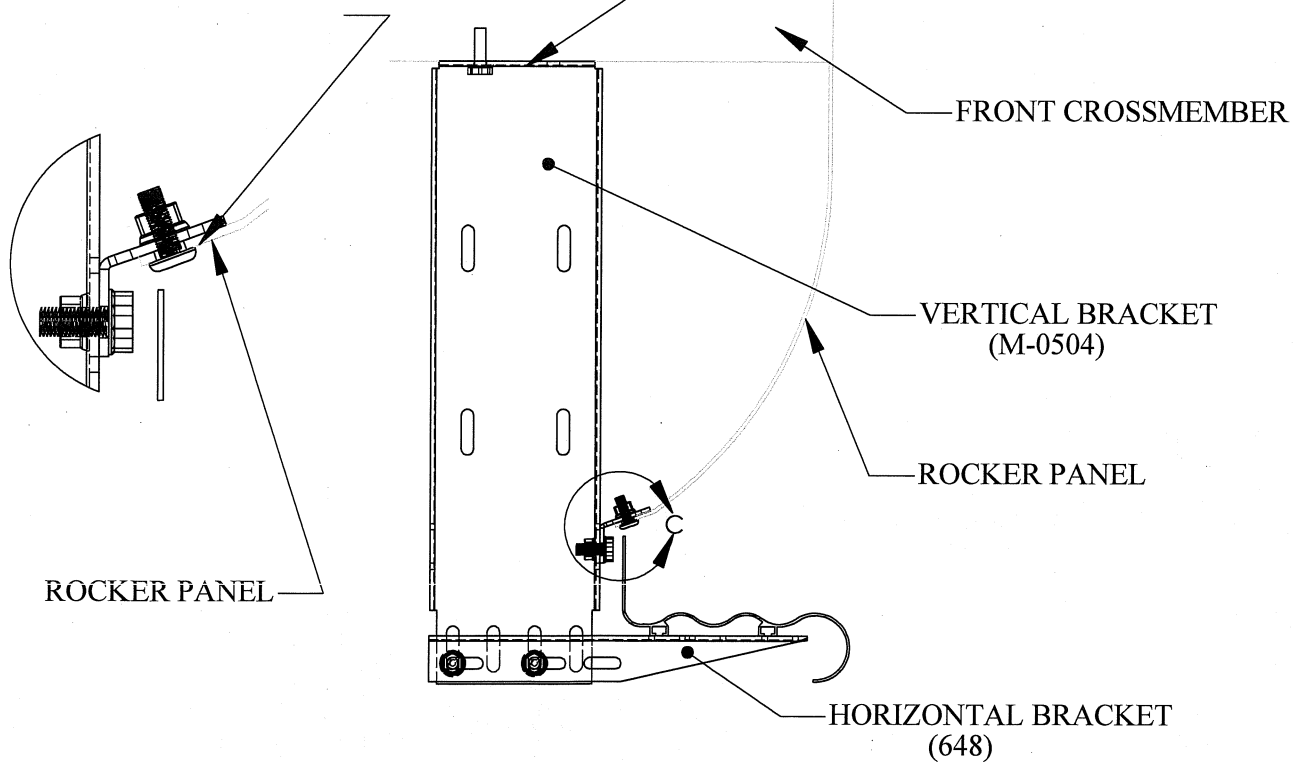
## REAR BRACKET ASSEMBLY PASSENGER SIDE SHOWN



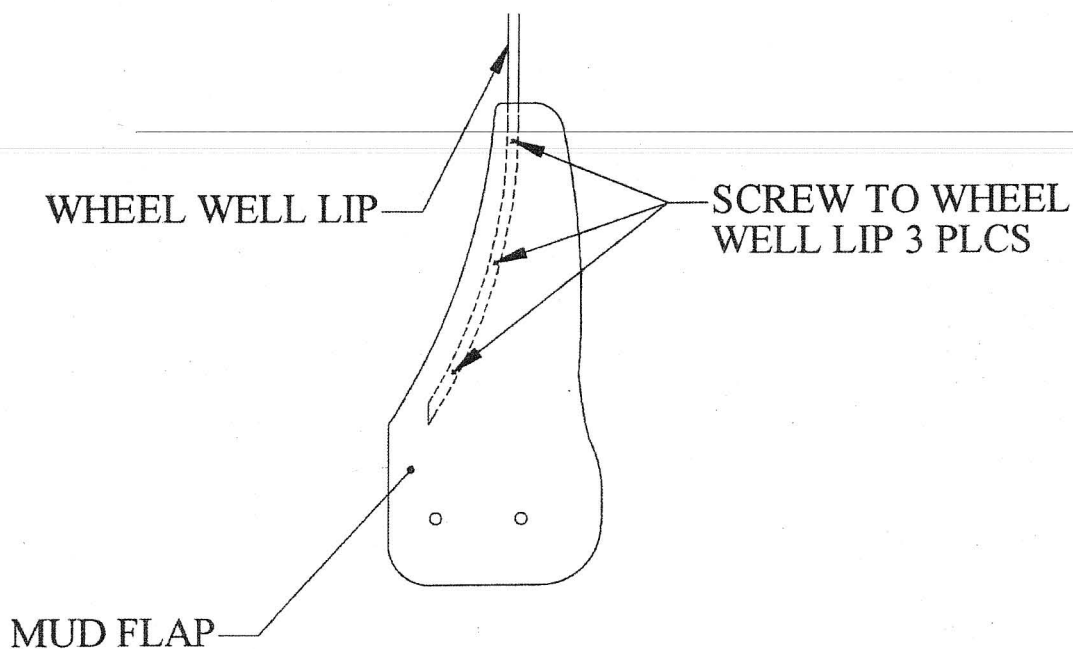
# FIGURE B

DRILL THRU ROCKER PANEL &  
FASTEN WITH A 1/4" CARRIAGE  
BOLT.

DRILL THRU CROSSMEMBER &  
BOLT WITH A 5/16" THREAD CUTTER



BOM MX RUNNING BOARDS BRITE & BLACK					
PART#	DESCRIPTION	MX-321-02	MX-321-02B	MX-337-02	MX-337-02B
DEM-131-164	16 1/4" BOARD	2			
DEM-131-164B	16 1/4" BOARD		2		
DEM-131-164	36 1/4" BOARD			2	
DEM-131-164B	36 1/4" BOARD				2
8130R	MUD FLAP	1	1	1	1
8130L	MUD FLAP	1	1	1	1
8132R	END CAP	1	1	1	1
8132L	END CAP	1	1	1	1
648	HORIZONTAL BRACKET	4	4	4	4
M-0502	ANGLE BRACKET	1	1	1	1
M-0503	ANGLE BRACKET	1	1	1	1
M-0504	VERTICAL BRACKET	4	4	4	4
796	SMALL ANGLE BRACKET	2	2	2	2
1116	BOLT PACK	1	1	1	1
1114B	BOLT PACK	2	2	2	2
P-0050	BOLT PACK	1	1	1	1
10285	INSTRUCTION SHEET	1	1	1	1



**LUND**

Lund International

800-241-7219 • Visit us at [lundinternational.com](http://lundinternational.com)

© 2012 Lund International, Inc. All rights reserved.

Lund® and the Lund® logo are trademarks of Lund International, Inc.