



SKID PLATE INSTALLATION INSTRUCTIONS

KIT# E39/8FR

85-4674-00
01-11

ROADMASTER, Inc.

6110 NE 127th Ave.

Vancouver, WA 98682

1-800-669-9690 ext.117

www.roadmasterinc.com



Front Plate Mounting Points

Part #	Qty
Front Skid Plate	1
5/16" x 2" Button Head Bolts	6
5/16-18 Slip Nuts	6

Center Mounting Points

Part #	Qty
5/16" x 3/4" Button Head Bolts	2
5/16" Wiz Nuts	2
RaceSkids Sticker	1

Rear Plate Mounting Points

Part #	Qty
Rear Skid Plate	1
5/16" x 2" Button Head Bolts	8
5/16-18 Slip Nuts	8

IMPORTANT

This product is designed to help prevent damage to the undercarriage of the vehicle. Although this product will significantly reduce the amount of vehicle damage, it will not eliminate all damage, under all circumstances.

Correspondingly, ROADMASTER expressly disallows any and all claims related to damage incurred to the vehicle.



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1. Remove 10 Philips fasteners and two 10mm (head) bolts attaching the factory rear skid plate to the subframe. The pieces should be removed as shown in Figures 1 and 2.



2. Using a pair of pliers, remove all the slip nuts from the mounting points on the subframe. Figure 3 shows the location of two of the front mounting points. Replace these slip nuts with the 12 supplied 5/16-18 slip nuts. Figure 4 shows two of the front mounting points with the new slip nuts installed.

Note: to gain access to the two outside mounting points, remove one 8mm screw and one plastic fastener on each side before removing the slip nut (Fig.5).





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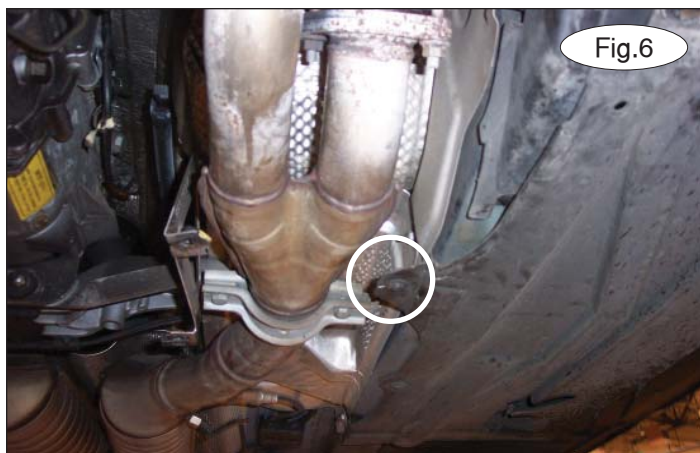
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3. On each side, remove one 5mm (head) screw (Fig.6) and replace the slip nut with the supplied 5/16-18 slip nut.

4. Align the new rear skidplate with the mounting points from which you removed the slip nuts in steps 2 and 3. Now, loosely bolt the skid plate to the subframe using eight of the supplied 5/16" x 2" button head bolts (Fig.7). Use Loctite® Red on all bolts used for this installation. *Note:* leave the front bolts off for now.

5. Install the front skid plate by placing it under the front lip of the fascia and aligning the rear holes over the pre-existing holes in the rear skid plate. Bolt through the front mounting points using four of the supplied 5/16" x 2" button head bolts.



Now, bolt through the two front outermost mounting points using the supplied 5/16" x 2" button head bolts. Now, using the two supplied 5/16" x 3/4" button head bolts and wiz nuts, bolt the two plates together (Fig.8).

6. Tighten all bolts to 13 ft./lbs.

BOLT TORQUE REQUIREMENTS

Note: the torque values represented below are intended as general guidelines. Torque requirements for specific applications may vary. Roadmaster does not warrant this information to be accurate for all applications and disclaims all liability for any claims or damages which may result from its use.

STANDARD BOLTS

Thread Size	Grade	Torque
5/16.....	5.....	13 ft./lb.
3/8.....	5.....	23 ft./lb.
7/16.....	5.....	37 ft./lb.
1/2.....	5.....	56 ft./lb.
5/8.....	5.....	150 ft./lb.

METRIC BOLTS

Thread Size	Grade	Plated / Unplated
8mm-1.0	8.8	20 ft./lb. 18 ft./lb.
8mm-1.25	8.8	19 ft./lb. 18 ft./lb.
10mm-1.25	8.8	38 ft./lb. 36 ft./lb.
10mm-1.5	8.8	37 ft./lb. 35 ft./lb.

METRIC BOLTS

Thread Size	Grade	Plated / Unplated
12mm-1.25	8.8	70 ft./lb. 65 ft./lb.
12mm-1.5	8.8	66 ft./lb. 61 ft./lb.
12mm-1.75	8.8	65 ft./lb. 60 ft./lb.
14mm-2.0	8.8	104 ft./lb. 97 ft./lb.

All illustrations and specifications contained herein are based on the latest information available at the time of publication approval.
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