



SKID PLATE INSTALLATION INSTRUCTIONS

KIT# E28/ALL

85-4439-00
12-09

ROADMASTER, Inc.

6110 NE 127th Ave.

Vancouver, WA 98682

1-800-669-9690 ext.117

www.roadmasterinc.com



Part #	Description	Qty
E28All	Skid Plate	1
350055-00	3/8" x 1" Bolt	2
350305-00	3/8" Lock Washer	4

Part #	Description	Qty
350056-00	3/8" x 1 1/4" Bolt	2
C001949	1" x 1" Backing Plate	2
C001950	1" x 1" Backing Plate with Rod	2

IMPORTANT

The skid plate is designed to help prevent damage to the undercarriage of the vehicle. Although the skid plate 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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Fig.1



Fig.2

1. Place a 1" x 1" nutted backing plate through the opening in the rear of the splash shield support on each side (Fig.1).
2. Place the skid plate against the bottom of the subframe and splash shield supports. Bolt through the skid plate, subframe and into the nutted backing plate using the supplied 3/8" x 1" bolts and 3/8" lock washers (Fig.2).
3. Place the 1" x 1" nutted backing plates with wire through the rear openings in the subframe over the existing holes in the skid plate (Fig.3). Using the supplied 3/8" x 1 1/4" bolts and 3/8" lock washers, bolt through the skid plate, subframe and into the backing plates.
4. Use a pair of pliers to break the wires off the backing plates. Torque all bolts to the torque specifications below.

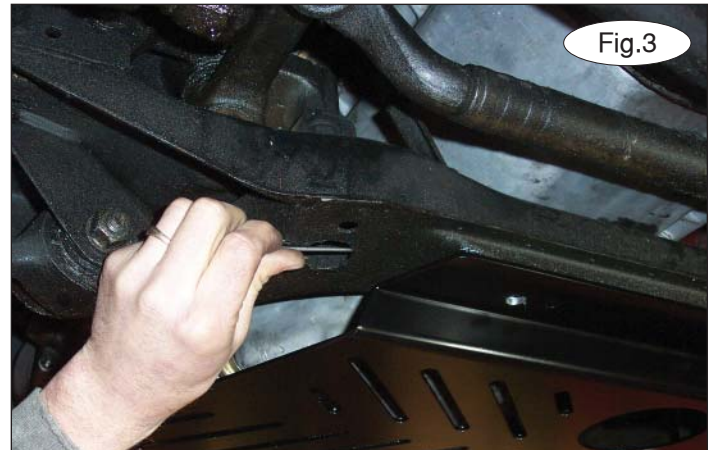


Fig.3

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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