



SKID PLATE INSTALLATION INSTRUCTIONS

KIT# E30/M20

85-4110-00
05-08

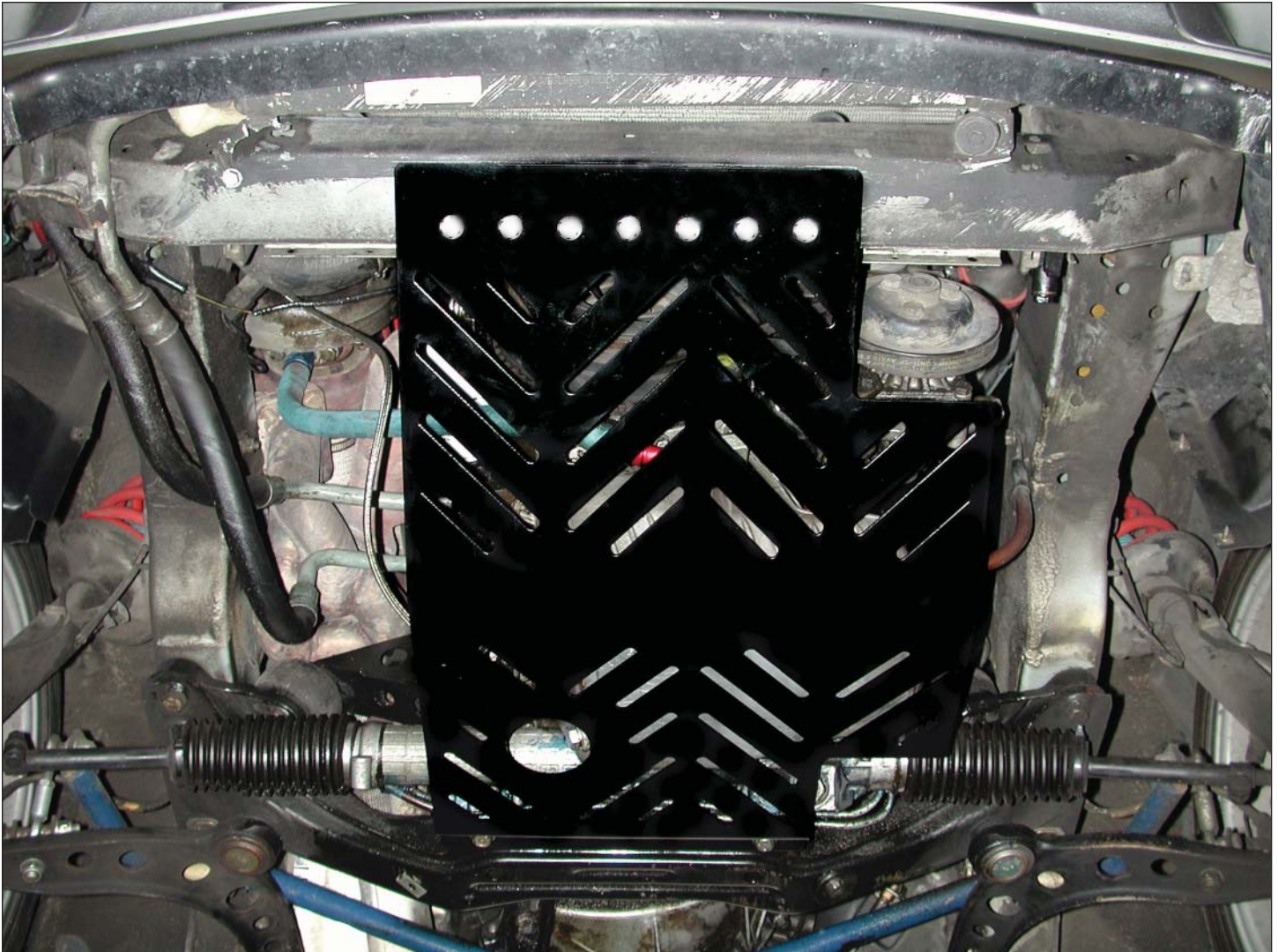
ROADMASTER, Inc.

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Vancouver, WA 98682

1-800-669-9690 ext.117

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Part #	Description	Qty	Part #	Description	Qty
E30MJ	Skid Plate	1	350031-00	5/16" x 3/4" NC Capscrew	7
350253-00	5/16" NC Nylon Ins Ln Zp	7	355700-00	8mm Flat Washer	7

IMPORTANT

The skid plate is designed to 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

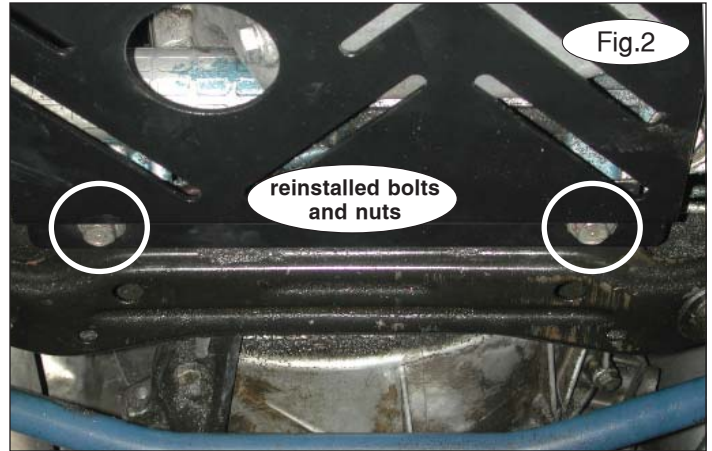


Fig.2

reinstalled bolts
and nuts

1. If the vehicle is so equipped, remove the splash guard before beginning this installation.
2. Remove two 15mm (head) steering rack mounting bolts and nuts (Fig.1).
3. Now, using the two bolts and nuts you removed in the previous step, install the skid plate to the steering rack (Fig.2).
4. Using the pre-drilled holes in the skid plate as templates, drill seven 5/16" holes into the radiator core support (Fig.3). *Note:* before drilling, make certain you will not drill through any engine components on the other side.
5. Using the seven supplied 5/16" x 3/4" bolts, flat washers and nylock nuts, secure the skid plate to the radiator core support. 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. ROADMASTER, INC. reserves the right to make changes at any time without notice in material, specification and models or to discontinue models.