

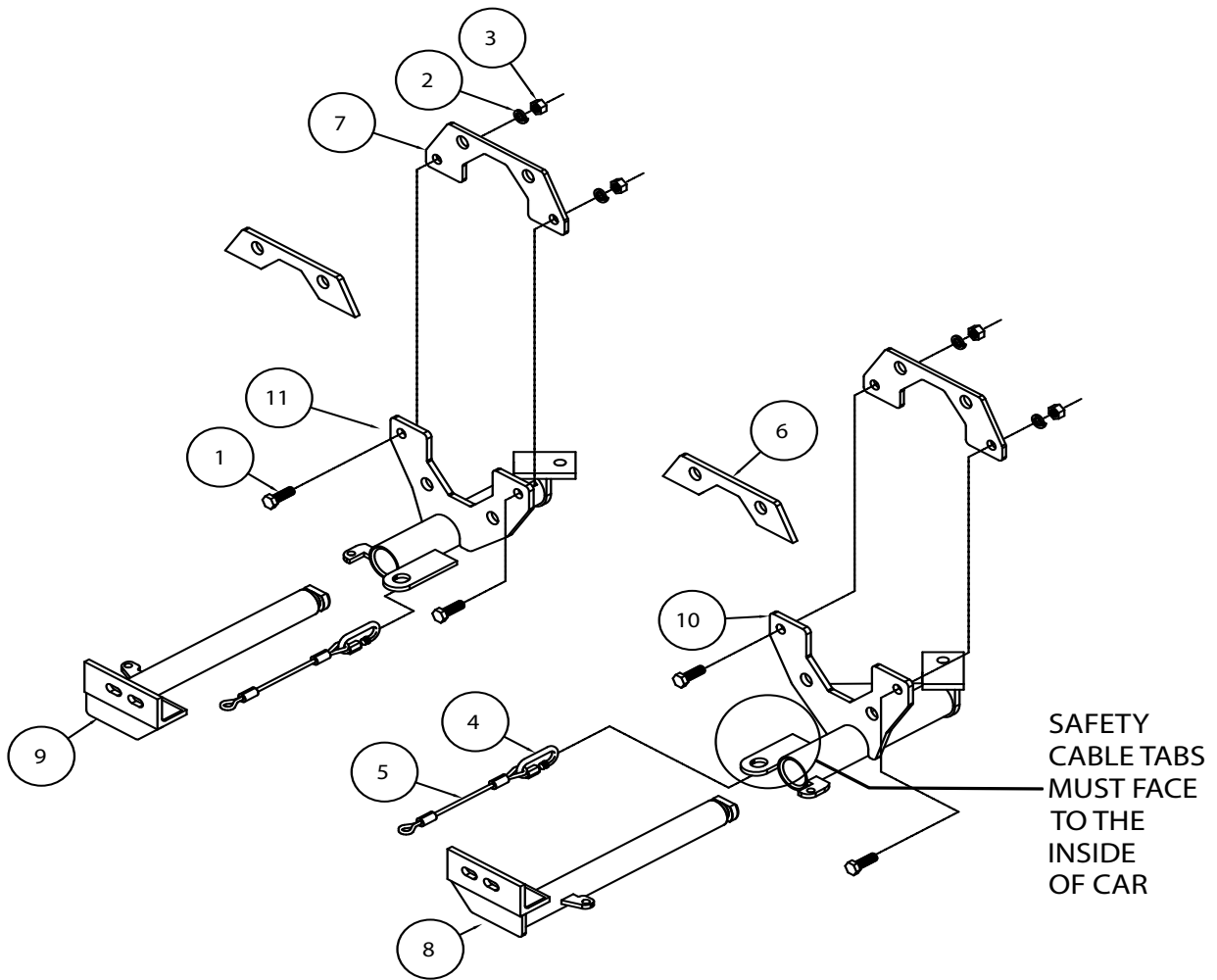


BASEPLATE KIT INSTALLATION INSTRUCTIONS

KIT# 52276-1

10/22/12
KS

ROADMASTER, Inc. 6110 NE 127th Ave. Vancouver, WA 98682 360-896-0407 fax 360-735-9300 www.roadmasterinc.com



ITEM	QTY	NAME	PART#
1.....	4.....	1/2" x 1 1/2" BOLT	350095-00
2.....	4.....	1/2" LOCK WASHER.....	350309-00
3.....	4.....	1/2" HEX NUT.....	350258-00
4.....	2.....	QUICK LINK	200008-00
5.....	2.....	8" SAFETY CABLE	650646-08
6.....	2.....	SPACER PLATE.....	A-001450
7.....	2.....	REAR BACKING PLATE	A-001449
8.....	1.....	DRIVER SIDE ARM	C-001097
9.....	1.....	PASSENGER SIDE ARM.....	C-001096
10.....	1.....	DRIVER SIDE RECEIVER.....	C-001099
11.....	1.....	PASSENGER SIDE RECEIVER	C-001098



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This is one of our EZ series brackets, which allows the visible front portion of the bracket to be easily removed from the front of the vehicle (Fig.A and Fig.B). The bracket kit consists of two front arm braces, two receiver braces, two front arm braces, two receiver braces, two front mounting plates, and a hardware pack.

Before starting the installation, lay out the kit components in order, as they will be used. This will give you a visual idea of how the components work, and will also confirm that everything is present and accounted for.



IMPORTANT: All baseplates **must** be assembled with all the bolts left loose for final adjustment and positioning (before tightening) unless otherwise instructed. All bolts **must** be torqued for proper strength. If more than one bolt is used per fastening point, the diagram may only show one. Use flat washers over all slotted holes and lock washers on all fasteners.

WARNING

Failure to heed these warnings or follow the installation instructions may result in a voided warranty, loss of towed vehicle, personal injury or death.

- Do not weld or modify this baseplate or its components. Welding or modification will void the warranty.
- Do not use this document as a basis to design/fabricate a baseplate, as it may not show all parts or structural components.
- We strongly recommend professional installation.
- If the towed vehicle has been in an accident, it must be properly repaired before attaching the baseplate. Do not install the baseplate if any structural frame damage is found.
- The installer must use all bolts and parts supplied. If running changes were made by the vehicle manufacturer after this kit was designed, some bolts or other fasteners may no longer be the correct size. It is the installer's responsibility to verify this kit is securely fastened to the vehicle.
- Use Loctite® Red on all bolts used to secure this baseplate. Torque all bolts to the specifications found at the end of these instructions. Do not over-torque the bolts or failure may occur.
- The installer must inspect the baseplate to ensure adequate clearance, particularly around hoses, air conditioner lines, radiators, etc. or non-warranty failure may result.
- Roadmaster manufactures many styles of baseplates. If your baseplate has removable arms, they must be removed before driving the vehicle, unless the arms can be pinned or padlocked in place. If not secured, the arms could vibrate out.
- Some motorhome chassis have such a tight turning radius that you can damage your motorhome, towed vehicle, tow bar or baseplate while turning sharply. Before getting on the road, test your turning radius in an empty parking lot. Turning too sharply could

result in non-warranty damage to your towing system, motorhome and/or towed vehicle.

- Do not back up with the towed vehicle attached or non-warranty damage will occur to your towing system or vehicles.
- The safety cables must connect the towing vehicle to the towed vehicle frame to frame, with the cables crossed, with enough slack for sharp turns. See cable instructions for proper routing. Failure to do so will result in non-warranty damage and/or the loss of the towed vehicle.
- This kit is designed for use with ROADMASTER tow bars and ROADMASTER adapters only. Using this kit with other brands, without an approved ROADMASTER adapter, may result in non-warranty damage or injury.
- Receiver extensions and out-of-level towing situations of 3 inches or more. This can cause the system to swing much higher and lower, causing excessive strain on the tow bar, baseplate and frame. That can cause the towing system to fail, causing property damage, personal injury or even death. If you must use a receiver extension or drop hitch to tow, it will reduce your receiver's weight capacity by 1/3 to avoid damaging your system. Never use more than one extension and/or drop hitch, as this will void your warranty.
- Every 3,000 miles, the owner must inspect all mounting points for cracks or fatigue, and check the fasteners for proper torque, according to the bolt torque requirements chart on the last page of these instructions.
- The owner must follow the vehicle manufacturer's instructions to prepare the vehicle for towing. Failure to do so may cause severe damage to the vehicle.
- This baseplate is only warranted for the original installation. Installing a used baseplate on another vehicle is not recommended and will void the warranty.

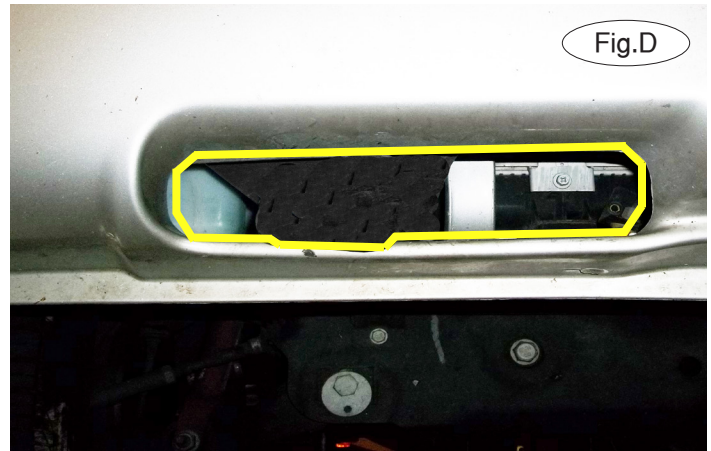
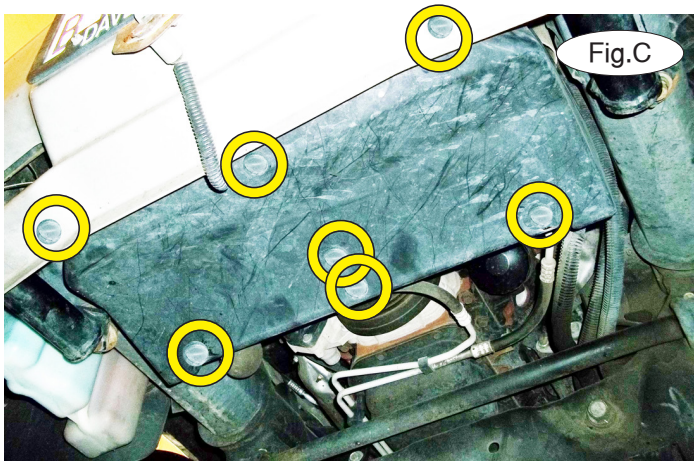


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1. **Important:** please use all supplied bolts and parts and read all instructions carefully before beginning this installation. The majority of questions you may have can be answered within the text, and proper installation will ensure safe and secure travel. Now, begin the installation. Start by removing the seven plastic fasteners which secure the plastic air deflector (Fig.C). Then, remove the air deflector.

2. For '05-'07 Dodge Dakota and '06-'07 Mitsubishi Raider models: skip to step 3. For all other models without tow hooks: the fascia will need to be trimmed to allow clearance for the main receiver braces. Use the yellow lines in Figure D as a guide for trimming.



3. Remove the 19mm frame mounting bolts (Fig.E). There is one on each side.

Note: if the vehicle is equipped with tow hooks, they must be removed before installing the main receiver brace. The tow hooks will not be replaced. Retain the tow hooks and hardware for replacement in case the mounting bracket is ever removed.

Note: if the bushing on the top of the frame rail spins when you try to remove the bolt, use a large C-clamp to hold it in place.

4. Remove the 18mm bumper mount nuts. There are four on each side.

5. Position the main receiver braces over the bumper mounting studs and bolt them into place, using the stock mounting bolts you removed in step 3 and then the stock lower bumper mounting nuts you removed in step 4 (Fig.F).

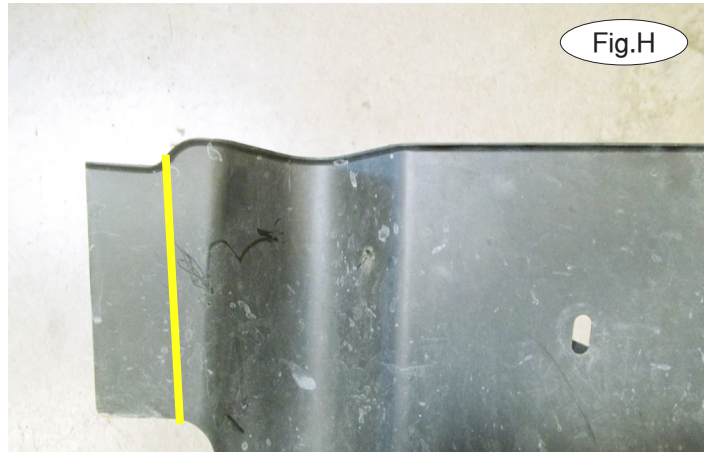
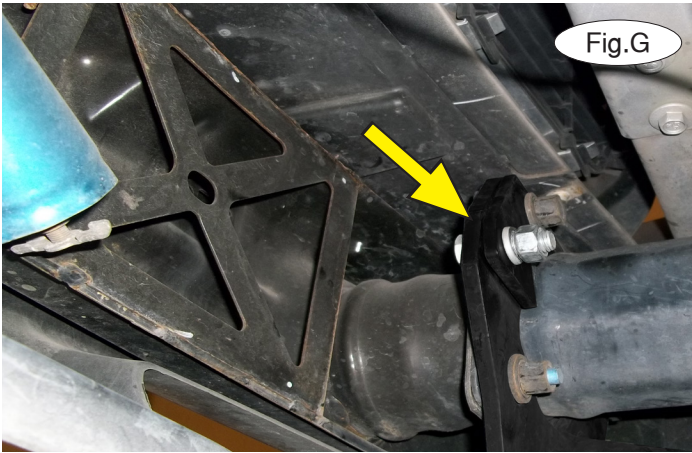


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6. On each side, place the spacer plate over the top studs. Now, on each side, place the rear backing plate over the top of the upper bumper stud. Then, replace the upper bumper mount nuts. Using the supplied 1/2" x 1 1/2" bolt, lock washer and nut to bolt the rear backing plates to the main receiver braces (Fig.G).

7. Tighten all nuts and bolts, starting with the rear mounting bolts. Torque all bolts to the bolt torque specifications found at the end of these instructions.

8. For '05-'07 Dodge Dakota and '06-'07 Mitsubishi Raider models: trim both edges of the air deflector – use the white line in Figure H as a guide. Note: all other models will not need the air deflector trimmed.

9. Re-install the air deflector by replacing the seven plastic fasteners you removed in step 1.

10. Attach the cable connectors (Q-links) and safety cables. Then, insert the front arm braces into the receiver braces. Twist each one 90 degrees to lock them into place. Attach the ends of the safety cables to the vehicle's safety cables and tow bar.

11. Install the tow bar to the mounting brackets according to the manufacturer's instructions.

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.