

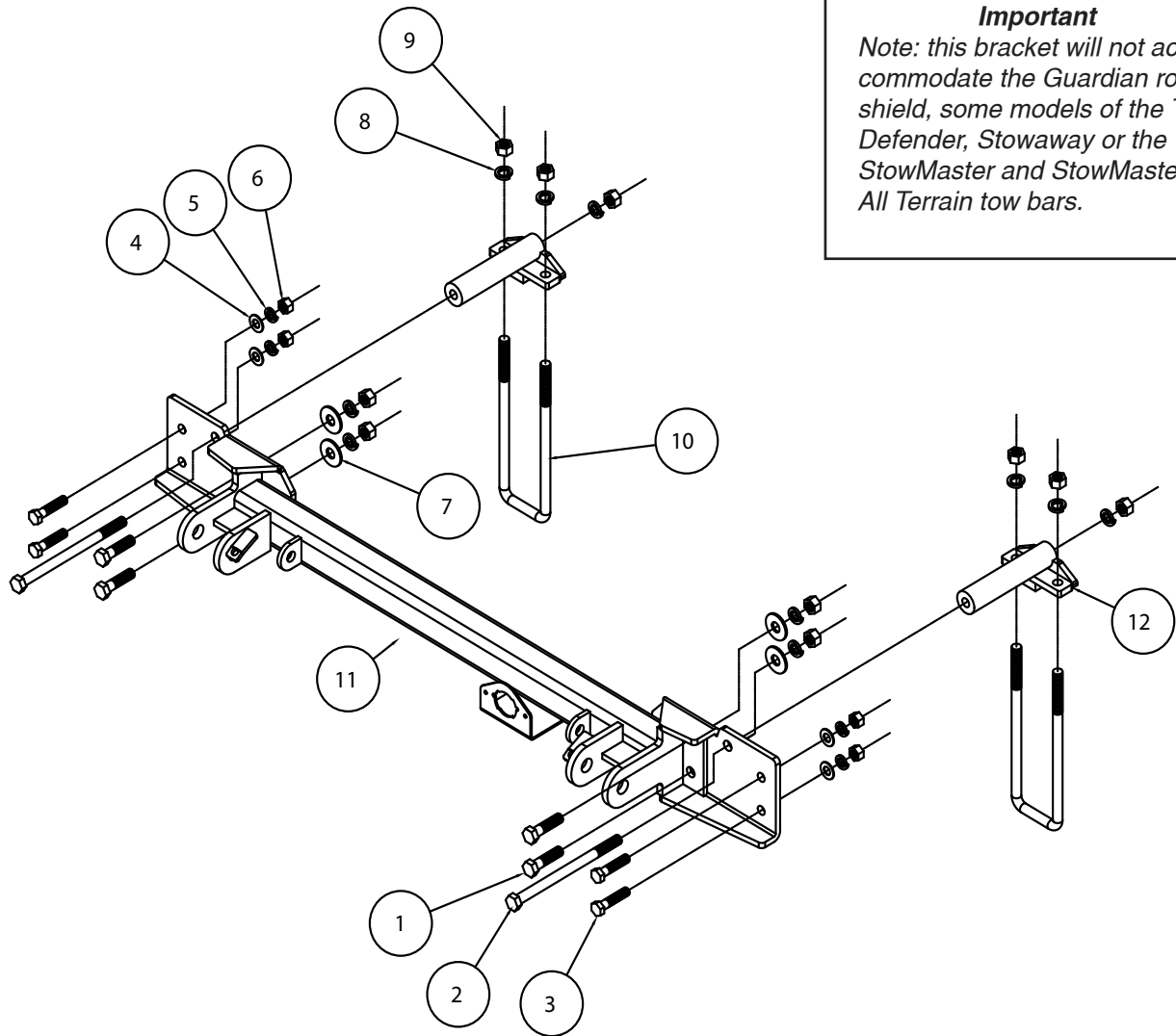


BASEPLATE KIT INSTALLATION INSTRUCTIONS

KIT# 264-1A

01/30/12
KS

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



Important
Note: this bracket will not accommodate the Guardian rock shield, some models of the Tow Defender, Stowaway or the StowMaster and StowMaster All Terrain tow bars.

ITEM	QTY	NAME	MATERIAL
1	4	1/2" x 2" BOLT	350097-00
2	2	1/2" x 7 1/2" BOLT	350112-00
3	4	7/16" x 1 1/2" BOLT	350074-00
4	4	7/16" FLAT WASHER	350306-00
5	4	7/16" LOCK WASHER	350307-00
6	4	7/16" HEX NUT	350256-00
7	4	1/2" FLAT WASHER	350308-00
8	10	1/2" LOCK WASHER	350309-00
9	10	1/2" HEX NUT	350258-00
10	2	1/2" x 3" O.C. x 9 1/2" U-BOLT	357301-00
11	1	MAIN RECEIVER BRACKET	C-000518
12	2	REAR BRACE	C-001972



BASEPLATE KIT INSTALLATION INSTRUCTIONS

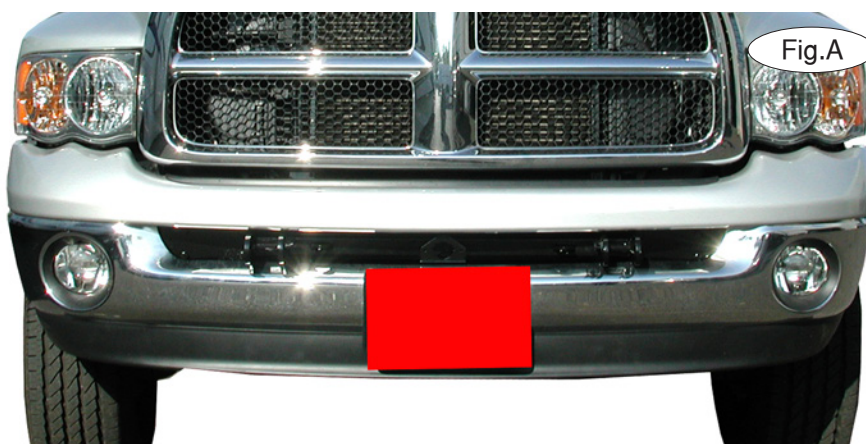
KIT# 264-1A

01/30/12
KS

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

This bracket kit is one of our MS series, which is designed for use with our motorhome mounted tow bars. The kit consists of two main braces and a hardware pack. The main braces mount behind the front bumper fascia to the front frame tubes and take the place of the existing tow loops (Fig.A).

Start by laying the kit out according to the illustration. This will give you a visual idea of how the kit installs and also confirm that the kit components are 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.

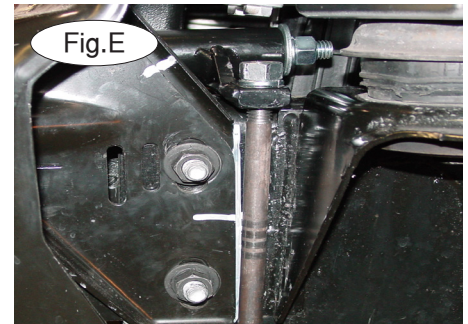
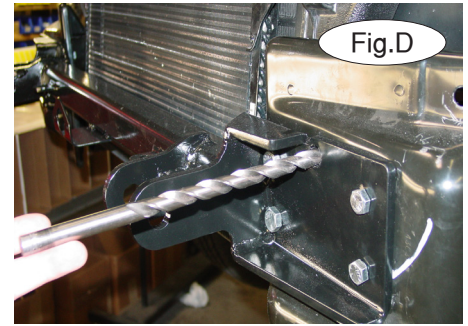
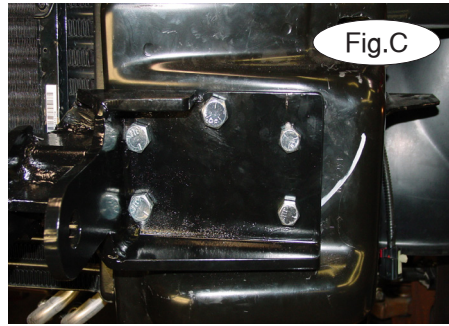
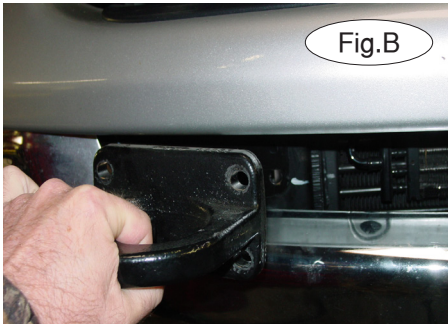


BASEPLATE KIT INSTALLATION INSTRUCTIONS

KIT# 264-1A

01/30/12
KS

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



- 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.
- To begin the installation, you must first remove the front bumper. There are a total of six bolts attaching the bumper to the vehicle, 2 on the top and 4 on the bottom. The wires for the fog lamps will need to be unplugged.
- The next step is to remove the tow hooks on each side. This is done by removing the four bolts that attach the tow hook to the end of the frame (Fig.B).
- Once the tow hooks are removed, hold the main brace portion of the bracket against the end of the frame, matching the holes in the bracket with those left from the removal of the tow hooks. The inner most holes will require 1/2" x 2" bolts while the outer most holes take 7/16" x 1 1/2" bolts. Bolt in place using the supplied washers and nuts, do this on both sides of the vehicle and tighten to proper specification. Figure C shows driver's side bolts installed.
- Once the brace is in position, use the remaining hole as a drill template on each side and drill through the end of the frame using a 17/32" drill bit (Fig.D).
- Locate one of the rear braces found in the kit and place it behind the hole drilled in step 5 with the mounting plate resting on top of the frame tube as shown in the illustrations. Working on both sides, bolt through the drilled hole in to the end of the round tube of the rear brace with a 1/2" x 7 1/2" bolts with lock washers and nuts. Leave loose for now (Fig.E).
- Take the large u-bolts in the hardware kit and install them pointing upwards under the frame tube on each side as illustrated. Bolt through the mounting plate on the rear braces with lock washers and nuts (Fig.E). Once the u-bolts are in position, tighten the 7 1/2" bolt first, then tighten u-bolts to specified torque as well.
- The bumper insert will either need to be removed or trimmed to allow clearance for the quick link hooks and the light plugs (Fig.F).
- Re-attach bumper by reversing step 2. Attach the tow bar according to the manufacturer's instructions. Attach the tow vehicle's safety cables to the safety cable mounting plates.

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			METRIC BOLTS			METRIC BOLTS		
Thread Size	Grade	Torque	Thread Size	Grade	Plated / Unplated	Thread Size	Grade	Plated / Unplated
5/16	5	13 ft./lb.	8mm-1.0	8.8	20 ft./lb. 18 ft./lb.	12mm-1.25	8.8	70 ft./lb. 65 ft./lb.
3/8	5	23 ft./lb.	8mm-1.25	8.8	19 ft./lb. 18 ft./lb.	12mm-1.5	8.8	66 ft./lb. 61 ft./lb.
7/16	5	37 ft./lb.	10mm-1.25	8.8	38 ft./lb. 36 ft./lb.	12mm-1.75	8.8	65 ft./lb. 60 ft./lb.
1/2	5	56 ft./lb.	10mm-1.5	8.8	37 ft./lb. 35 ft./lb.	14mm-2.0	8.8	104 ft./lb. 97 ft./lb.
5/8	5	150 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.