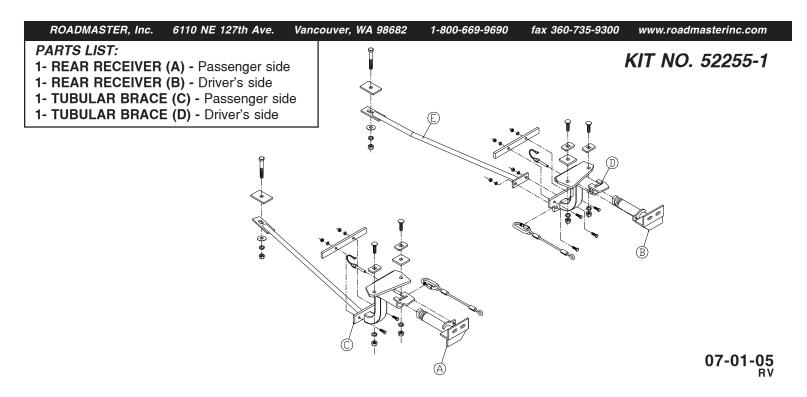
BASEPLATE KIT INSTALLATION INSTRUCTIONS



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.



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 ROAD-MASTER 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 warranteed for the original installation. Installing a used baseplate on another vehicle is not recommended and will void the warranty.

BASEPLATE KIT INSTALLATION INSTRUCTIONS

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KIT NO. 52255-1

- 1. This is one of our EZ lock brackets, which allows the visible front portion of the brackets to be easily removed from the front of the car by rotating the front braces. The bracket kit consists of two rear receiver braces, two tubular main braces and a hardware pack. 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 locating and removing nine 10mm head screws securing the lower splash panel to the bottom of the bumper fascia. Remove the facia to provide access to the bottom of the bumper core.
- 2. Looking at the bottom of the bumper core locate two small holes next to the ends of the lower facia air opening on each side. Enlarge these holes to 17/32". These will serve as guide holes for the rest of the installation.
- 3. Fish wire a ½" x 1½" carriage bolt and ¼" x 1¼" x 2" sq. hole backing plate through the rear of the bumper core in to each hole drilled in the previous step.
- 4. Working on one side at a time, install a receiver brace on the bolt by inserting it behind the bumper facia and positioning it over the bolt. Secure with a 1/2" nut and lock washer. Now bolt the rear of the brace to the sub frame of the vehicle by bolting through an existing hole through the sub frame with a ½" x 3" bolt, ¼" x 2" x 3" backing plate, lock washer and nut. Be sure to locate the backing plate on the top of the sub frame.
- 5. Repeat step four for the remaining receiver brace.
- 6. Once the braces are bolted in place, use the pre-drilled holes in the braces as templates to drill four more 3/8" holes through the bottom front frame u-channel face.
- 7. Bolt through the front of the u channel with four 3/8" x 1½" bolts, two ¼" x 1" x 10" backing plates, lock washers and nuts.
- 8. Once the braces are bolted in place, use the braces as drill templates to drill two more 17/32" holes in the bottom of the bumper.
- 9. Fish wire two ½" x 2" carriage bolts and ¼" x 1¼" x 2" sq. hole backing plates through the rear of the bumper core in to these holes and fasten with ½" nuts and lock washers. Note: some models will require a 5/16" spacer between the bumper core and brace.
- 10. Insert the front tubular braces into the receivers, twist 90 degrees and lock. Install the safety pins on the pins to the tabs on the tubes, lock them into place.
- 11. Trim the lower fascia removed in step one to fit then reinstall.
- 12. Mount the tow bar according to the manufacturer's instructions, adjust for free movement and tighten all bolts to the torque specifications below.
- 13. Attach one end of the included 10" safety cable to the provided hole in the receiver brace with the included cable connectors. Connect the other end to the tow vehicle's safety cables and the tow bar.

HARDWARE LIST:

- 6- 3/8" x 1 ½" bolts
- 6- 3/8" nuts
- 6- 3/8" lock washers
- 2- ½ x 3" bolts
- 2- ½ x 1½" carriage bolts

- 2- 5/16" x 2" x 2" spacers (optional)
- 2- 1/2" x 2" carriage bolts
- 2- 1/2" flat washers
- 6- ½ nuts
- 6- ½ lock washers

4- ¼" x 1¼" x 2" sq. hole backing plates

- 2- 3/8" x 1" x 10" two hole backing plates
- 2- 10" safety cables
- 2- cable connectors
- 2- safety pins
- 2- 1/4" x 2" x 3" backing 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.

ST	ANDARD B	OLTS	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 1	04 ft./lb. 97 ft./lb.
5/8	5	150 ft./lb.						