



MOUNTING BRACKET KIT INSTALLATION INSTRUCTIONS

ROADMASTER, INC.

5602 N.E. SKYPORT WAY

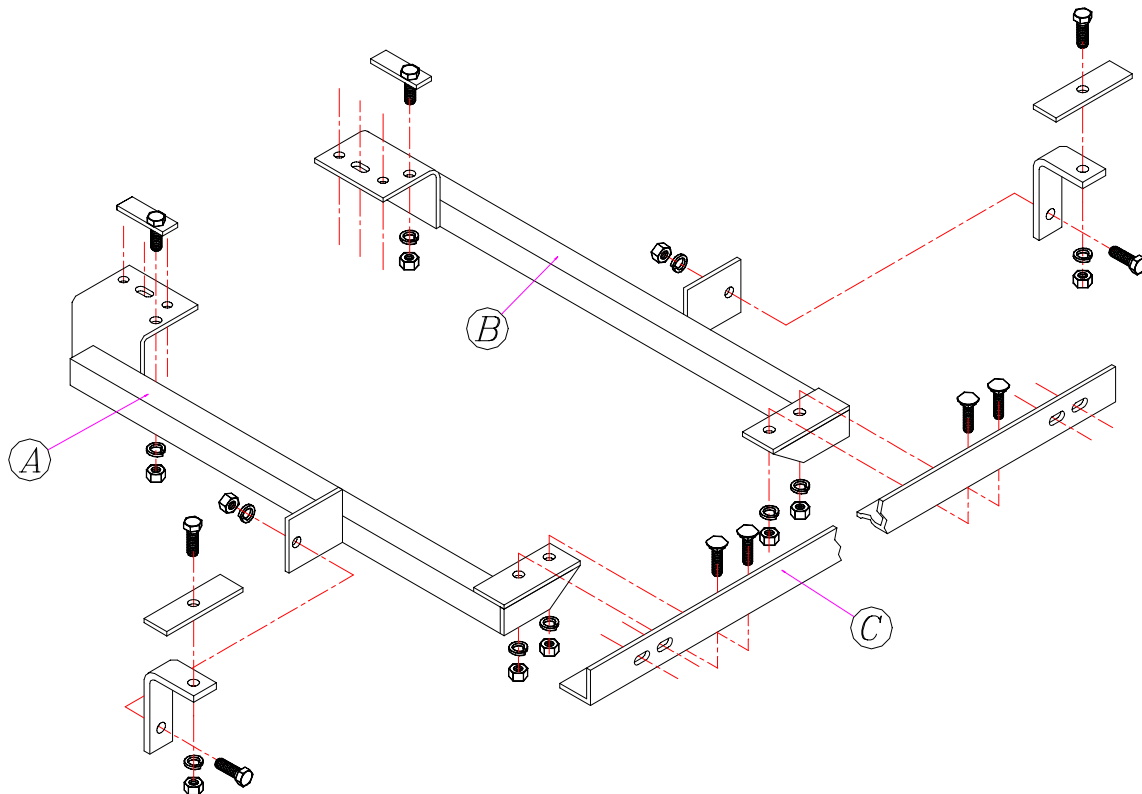
PORTLAND, OR 97218

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PARTS LIST:

- 1- MAIN BRACE (A) - Passenger side
- 1- MAIN BRACE (B) - Driver's side
- 1- FACE PLATE (C)

KIT NO. 130-1

01/24/01

CAUTION

SAFETY CABLES MUST CONNECT THE TOWING VEHICLE TO THE TOWED VEHICLE FRAME TO FRAME.
FOLLOW SAFETY INFORMATION IN WARRANTY PACKET

WARNING:

- **DO NOT** USE THIS DOCUMENT FOR CUSTOM FABRICATION AS THIS ILLUSTRATION MAY NOT SHOW ALL PARTS OR STRUCTURAL COMPONENTS.
- **ROADMASTER WILL NOT BE RESPONSIBLE** FOR ANY DAMAGE OR INJURY RESULTING FROM ANY MODIFICATION OR ALTERATION.
- **OWNER MUST INSPECT ALL MOUNTS AND BRACKETS BEFORE EACH USE** FOR CRACKS OR OTHER SIGNS OF FATIGUE. ALSO INSPECT FASTENERS FOR PROPER TORQUE.

CAUTION: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE

IMPORTANT: All brackets **must** be assembled with all the bolts left loose for final adjustment & 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
- Use lock washers on all fasteners



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KIT NO. 130-1

Congratulations! You have just purchased another fine Roadmaster product. Thank you.

1. This bracket assembly utilizes the front bumper and frame as mounting points. Remove the plastic air dam on each side, loosen the front splash panels and radiator air flaps for access to the front frame horns.
2. Remove all four bolts holding the sway bar and let the sway bar drop downward.
3. Sandwich the rear of the braces (B&C) between the frame and the sway bar. Reinstall the sway bar and bolts. "Fish wire" (see example sheet attached) one 1/2" x 1 1/2" bolt with welded backing plate through the front of each frame horn and downward through the remaining hole (See drawing) and attach lock washers and nuts. Do NOT skip installing this special bolted backing plate, as it is important to the overall towing strength of the assembly.
4. Now, locate the existing holes in the bumper bottom that line up with the extended tab on the braces and insert a 1/2" x 1 1/2" bolt with a 3/8" x 1 1/2" x 5" backing plate (provided) down through each hole. (See drawing). Install the angle clips (D) on this bolt and attach it to the extended tab on the lower braces (B&C) using 1/2" x 1 1/2" bolts, nuts and washers provided.
5. Now bolt the face plate (A) to the lower braces (B&C) using 1/2" x 1 1/2" carriage bolts, nuts and washers provided (See drawing).
6. Install and align the tow bar according to the instructions provided with the tow bar
7. Now tighten all bolts according to the torque chart shown below.
8. Trim the plastic splash panels and air dam to fit and replace the fasteners.

HARDWARE LIST:

2-3/8" X 1 1/2" X 5" BACKING PLATES
 4-1/2" X 1 1/2" CARRIAGE BOLTS
 4-1/2" X 1 1/2" BOLTS
 10-1/2" NUTS
 10-1/2" LOCK WASHERS
 2-1/2" X 1 1/2" BOLTS W/ WELDED BACKING PLATES

01/24/01

CAUTION: Installer must read instructions and use all bolts and parts supplied.

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BOLT TORQUE REQUIREMENTS

STANDARD BOLTS			METRIC BOLTS			METRIC BOLTS		
SIZE	GRADE	TORQUE	SIZE	GRADE	PLATED / UNPLATED	SIZE	GRADE	PLATED / UNPLATED
5/16	5	13 ft./lb.	M8-1.0	8.8	20 ft./lb. 18ft./lb.	M 12-1.25	8.8	70 ft./lb. 65ft./lb.
3/8	5	23 ft./lb.	M8-1.25	8.8	19 ft./lb. 18ft./lb.	M 12-1.5	8.8	66 ft./lb. 61ft./lb.
7/16	5	37 ft./lb.	M10-1.25	8.8	38 ft./lb. 36ft./lb.	M 12-1.75	8.8	65 ft./lb. 60ft./lb.
1/2	5	56 ft./lb.	M10-1.5	8.8	37 ft./lb. 35ft./lb.	M 12-2.0	8.8	104 ft./lb. 97ft./lb.