

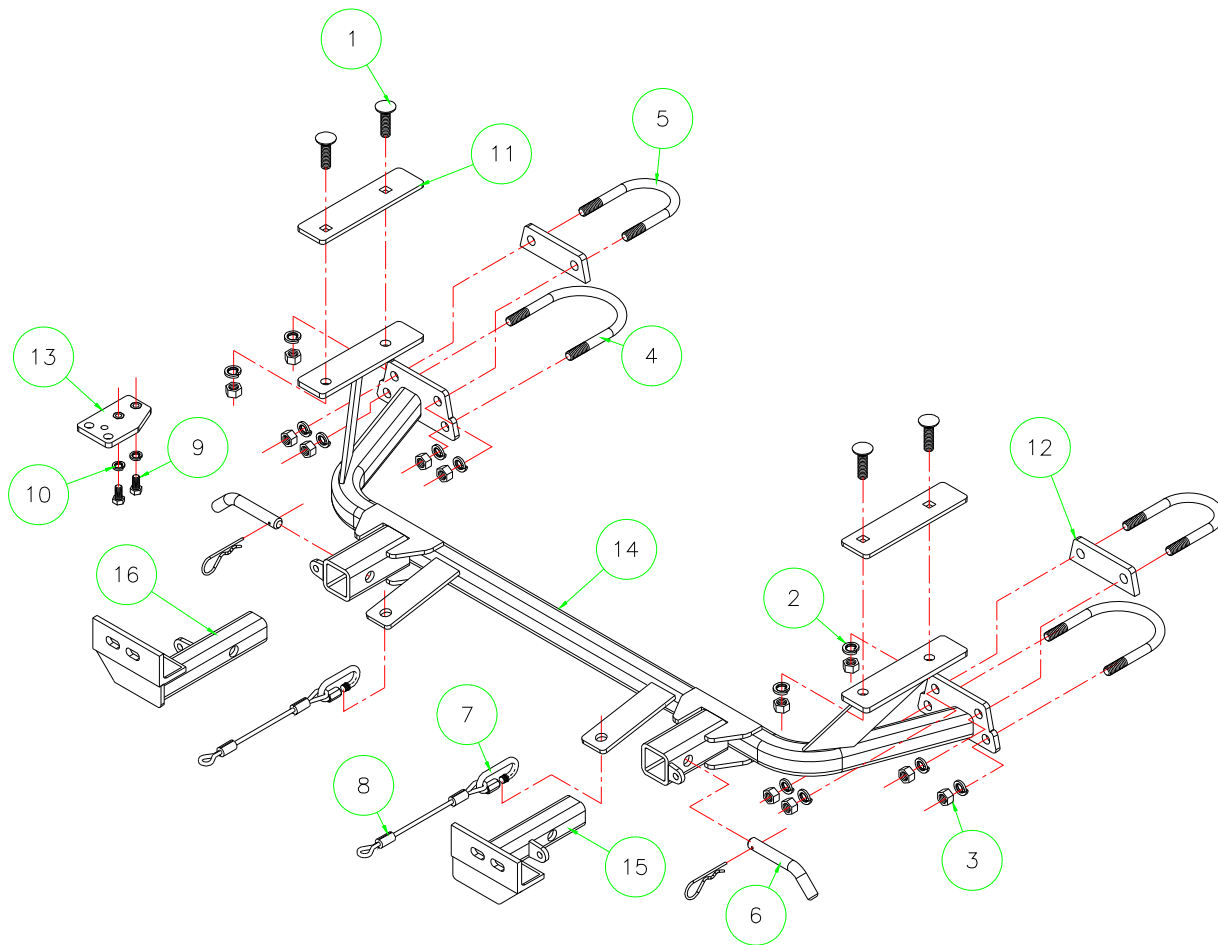


BASEPLATE KIT INSTALLATION INSTRUCTIONS

KIT# 268-1

07/20/07

ROADMASTER, Inc. 6110 NE 127th Ave. Vancouver, WA 98682 1-800-669-9690 fax 360-735-9300 www.roadmasterinc.com



Item	Qty	Length	Width	Description	Part no.
1	4	1 3/4"	1/2"	CARRIAGE BOLT	350363-00
2	12		1/2"	LOCK WASHER	350309-00
3	12		1/2"	NUT	350258-00
4	2	5 1/8"	4"	1/2" U-BOLT	357353-00
5	2	4 3/4"	2 3/4"	1/2" U-BOLT	357352-00
6	2			DRAW PIN/SPRING PIN	357035-00
7	2			CABLE CONNECTOR	200008-00
8	2	8"		CABLES	500646-08
9	2	3/8"	3/4"	3/8" x 3/4" BOLT	350053-00
10	2			3/8" LOCK WASHER	350305-00
11	2			UPPER BACKING PLATE	A-001127
12	2			REAR BACKING PLATE	A-001126
13	1			THREADED DAMPENER PLATE	A-002431
14	1			MAIN RECEIVER	C-000668A
15	1			DRIVER SIDE ARM	C-000669
16	1			PASSENGER SIDE ARM	C-000670



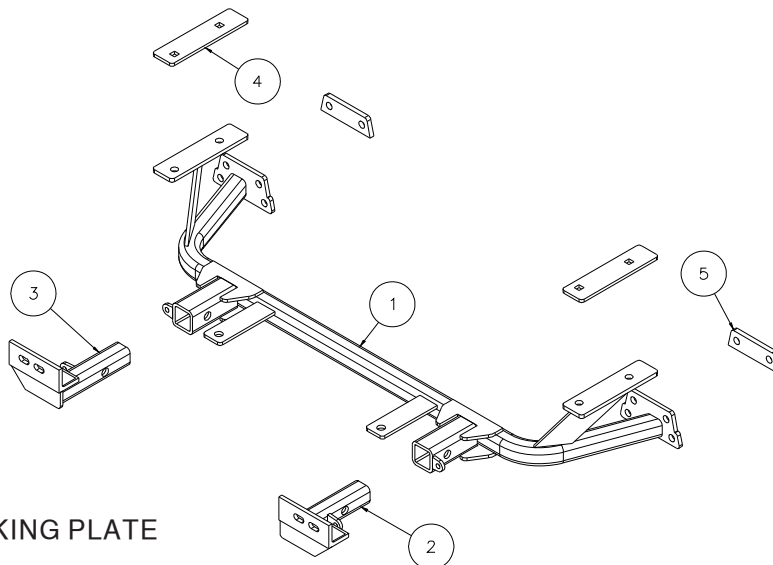
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IMPORTANT: All brackets **must** be assembled with all the bolts left loose for final adjustment & positioning (before tightening) unless otherwise instructed. All bolts **must** be torqued for proper strength. If more than one bolt is used per fastening point, the diagram may only show one.

- Use flat washers over all slotted holes
- Use lock washers on all fasteners



Item	Qty	Part No.	Assembly
5	2	A-001126	REAR BACKING PLATE
4	2	A-001127	UPPER BACKING PLATE
1	1	C-000668	MAIN RECEIVER BRACE WELDMENT
2	1	C-000669	DRIVER SIDE ARM WELDMENT
3	1	C-000670	PASSENGER SIDE ARM WELDMENT

WARNING

Failure to follow these instructions can result in property damage, personal injury or even death.

- Installation of most mounting brackets requires moderate mechanical aptitude and skills. We strongly recommend professional installation by an experienced installer.
- The installer must read the instructions and use all bolts and parts supplied. Failure to do so could result in loss of the towed vehicle.
- Use Loctite® Red on all bolts used for mounting this bracket.
- Do not use this document for custom fabrication, as it may not show all parts or structural components. Custom fabrication or an attempt to copy this bracket design could result in loss of the towed vehicle.
- Every 3,000 miles, the owner must inspect the fasteners for proper torque, according to the bolt torque requirements chart on the last page of these instructions. The owner must also inspect all mounts and brackets for cracks or other signs of fatigue every 3,000 miles. Failure to do so could result in loss of the towed vehicle.
- The owner must check the vehicle manufacturer's instructions for the proper procedure(s) to prepare the vehicle for towing. Some vehicles must be equipped with a transmission lube pump, an axle disconnect, driveline disconnect or free-wheeling hubs before they can be towed. Failure to properly equip the vehicle will cause severe damage to the transmission.
- If running changes were made by the vehicle manufacturer after this bracket was designed, some bolts or other fasteners in the hardware pack may no longer be the correct size. It is the installer's responsibility to verify that the bracket is securely fastened to the vehicle and fitted with the correct hardware to account for these changes. Failure to securely fasten the bracket could result in loss of the towed vehicle.

- If the towed vehicle has been in an accident, it must be properly repaired before attaching the bracket. Do not install the bracket if any structural frame damage is found. Failure to repair the damage could result in the loss of the towed vehicle.
- Some motorhome chassis have such a tight turning radius that you can damage your motorhome, towed vehicle, tow bar or bracket 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 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, motorhome and/or towed vehicle.
- 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. Refer to the cable instructions for proper routing. Failure to leave enough slack in the safety cables, or failure to connect the safety cables frame to frame, will result in the loss of the towed vehicle.
- This bracket is designed for use with ROADMASTER tow bars and ROADMASTER adaptors only. Using this bracket with other brands, without an approved ROADMASTER adaptor, may result in non-warranty damage or injury.
- Upon final installation, the installer must inspect the bracket to ensure adequate clearance, particularly around hoses, air conditioner lines, radiators, etc., or non-warranty damage to the towed vehicle will result.
- This bracket is only warranted for the original installation. Installing a used bracket on another vehicle is not recommended and will void the warranty.

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R O A D M A S T E R, I N C.

1. This bracket kit is one of our XL series, which is designed to be partly removable. The kit consists of the main receiver brace, two front arm braces, two lower braces and a hardware pack. The main receiver brace mounts behind the front bumper fascia to the bottom of the bumper core and the front of the frame on each side. The lower braces attach to the front of the radiator support and lower sub frame mount on each side. The front arm braces insert into the receivers on each side (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 all the components are present and accounted for.

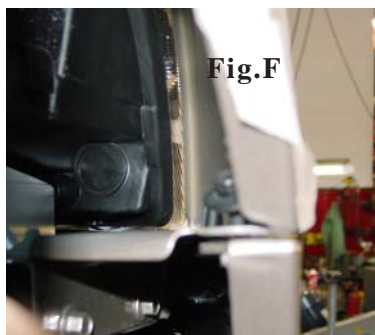


For the 2007 Chrysler Pacifica, follow the included supplement to these instructions.

2. **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. Remove six Phillips screws and two bolts (10mm head) holding the top of the fascia (Fig.B,C).



3. Move to a fenderwell and remove three Phillips head screws (Fig.D) then a plastic snap fastener from the splash panel (Fig.E). Now, pull the splash panel back and remove the fender fascia joint bolt (10mm head)(Fig.F). Repeat for the remaining side.



4. Disconnect the foglights (Fig.G) then remove five more plastic fasteners in the bottom of the fascia (Fig.H).



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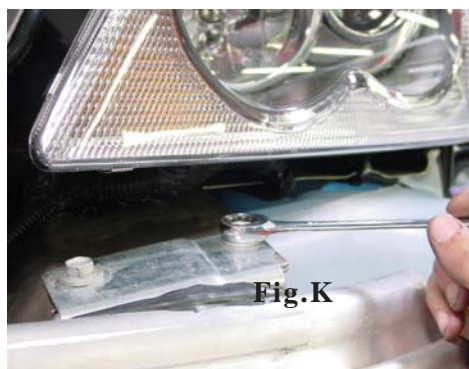
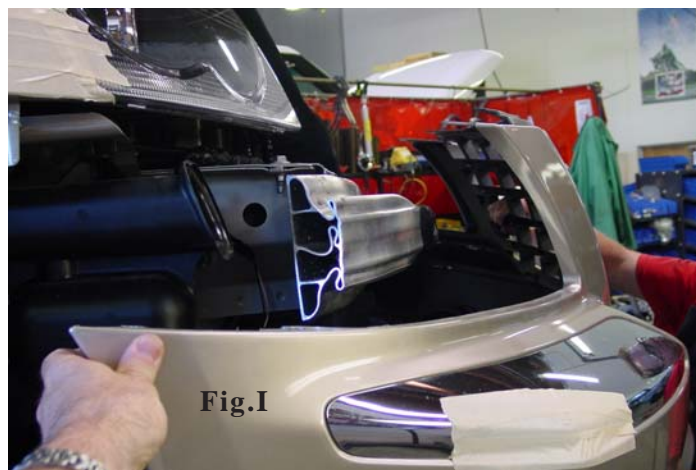
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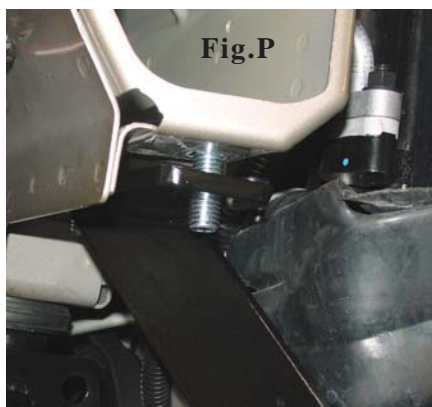
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5. Pull out and forward to remove the fascia (Fig.I).
6. Locate the finned heat sink on the back of the bumper core and disconnect (Fig.J).
7. Remove three bolts (13mm head) holding the bumper core on each side then set the bumper core aside (Fig.K).
8. Remove the front bolt clip nut (Fig.L) from the front bumper core mounting hole in the frame on each side then enlarge this hole to 17/32".



9. Take the two holed backing plates and 1/2" x 1 1/2" carriage bolts and assemble as pictured. Have these ready for the next step (Fig.M).
10. Hold the main receiver brace in mounting position under the frame rails on each side then position the backing plates with the bolts inside the frame rails with the bolts through the frame and the main receiver brace. This will lock the receiver brace into position while you finish bolting to the frame with 1/2" nuts and lock washers (Fig.N,O,P).





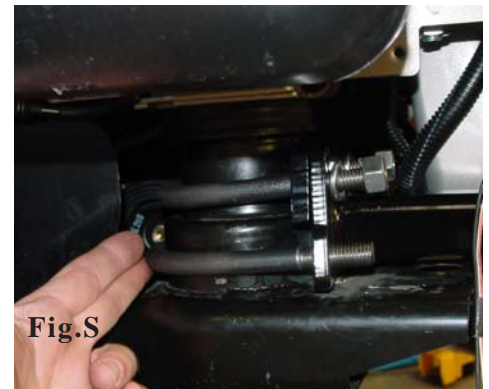
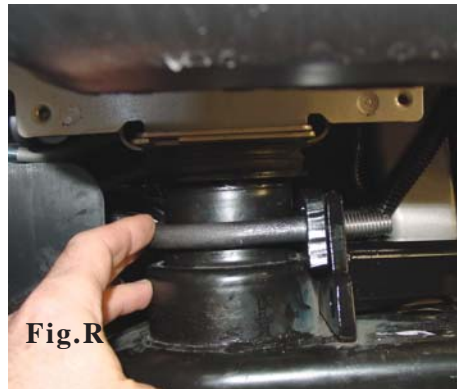
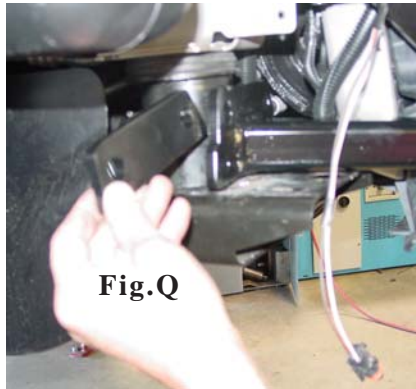
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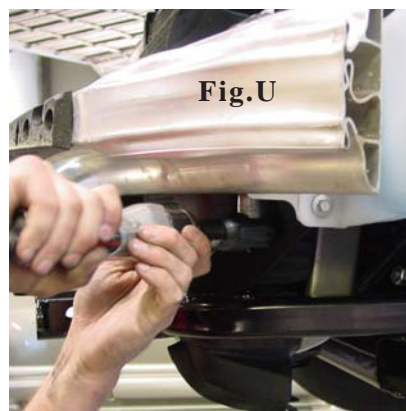
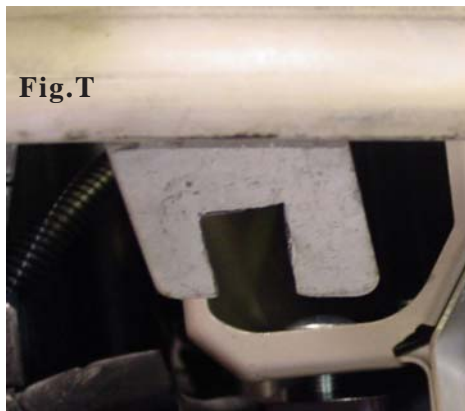
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- Slide the top U bolt backing plate between the frame and the main brace (Fig.Q) then install the upper U bolt with ½" nuts and lock washers on each side (Fig.R).
- Now install the lower U bolts in the same manner on each side (Fig.S).



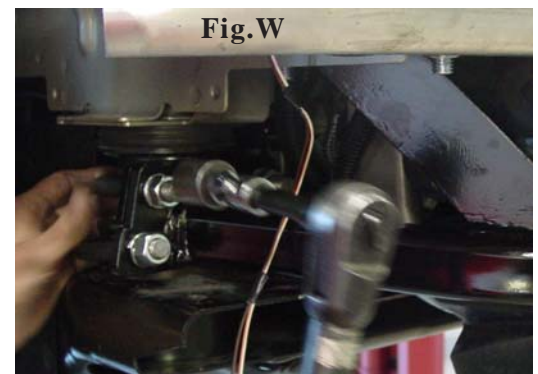
- Slot the lower bumper core mount on each side as shown (Fig.T) then remount, (Fig.U) sliding the lower slotted mount between the brace and the frame.



- Bend the radiator air deflectors around the main brace as shown (Fig.V) then reconnect the heat sink connector on the back of the bumper core .

- Torque the upper mounting bolts to the torque specifications shown then torque the u bolts to the specifications starting with the top ubolts (Fig.W).

Note: if you are installing on a **2007 Chrysler Pacifica**, refer back to the supplement now for trimming and reinstallation of the dampener and the fascia, starting with step 12 in the supplement.



- Trial fit the fascia and trim to fit (Fig.X).

- Reinstall the fascia, reversing steps 2 through 7 (Fig.Y).

R O A D M A S T E R, I N C.



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18. Insert the front braces into the receiver tubes and pin with 5/8" draw pins and spring pins (Fig.Z).
19. Install the tow bar according to the manufacturer's instructions.
20. Attach one end of the 8" safety cables to front holes on the receiver cross bar on each side of the receiver brace with the included cable connectors. Connect the other end to the tow vehicle's safety cables and the tow bar.



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.						

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Supplement for the 2007 Chrysler Pacifica



1. Start by removing six Phillips (head) screws attaching the fascia to the radiator cover (Fig.A).
2. Next, remove four plastic fastener attaching the radiator cover to the core support (Fig.B).
3. Remove two 10mm (head) bolts attaching the fascia and the radiator cover to the core support (Fig.C), now remove the radiator cover.



4. Now, remove two 8mm (head) bolt holding the headlight in place (Fig.D). Pull forward to remove the headlight and repeat for the other side.
5. Remove two 10mm (head) bolts attaching the fender to the fascia (Fig.E). Repeat for the other side.
6. Remove three Phillips (head) screws attaching the fender liner to the fascia (Fig.F). Repeat for the other side.
7. Remove four plastic fasteners attaching the bottom of the fascia to the radiator support (Fig.G).
8. Disconnect the fog lights (if your vehicle is so equipped).
9. Pull out and forward on the fascia to remove it.





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10. Remove the two 15mm (head) nuts to remove the vibration dampener from the sub frame (Fig.H).
11. Now, proceed to step 6 in the main instructions to finish the installation. For trimming and reinstalling the vibration dampener and fascia after you have completed the installation of the main receiver brace, refer back to step 12 in this supplement instruction.
12. Once the main receiver brace is installed completely, use the supplied 2½" x 4" adaptor plate to reattach the vibration dampener. Bolt the adaptor plate into place using the supplied 3/8" x 3¾" bolts and lock washers. Then, reattach the vibration dampener to the adaptor plate with the stock 15mm (head) nuts (Fig.I).
13. Now, follow the yellow line in Figure J for the correct trimming of the grille. Repeat for the other side.
14. Reinstall the fascia reversing steps 1 through 9.
18. Insert the front braces into the receiver tubes and pin with 5/8" draw pins and spring pins (FIG.).
19. Install the tow bar according to the manufacturer's instructions and torque all mounting bolts to the specifications below.
20. Attach one end of the 8" safety cables to front holes on the receiver cross bar on each side of the receiver brace with the included cable connectors. Connect the other end to the tow vehicle's safety cables and the tow bar.



R O A D M A S T E R, I N C.