

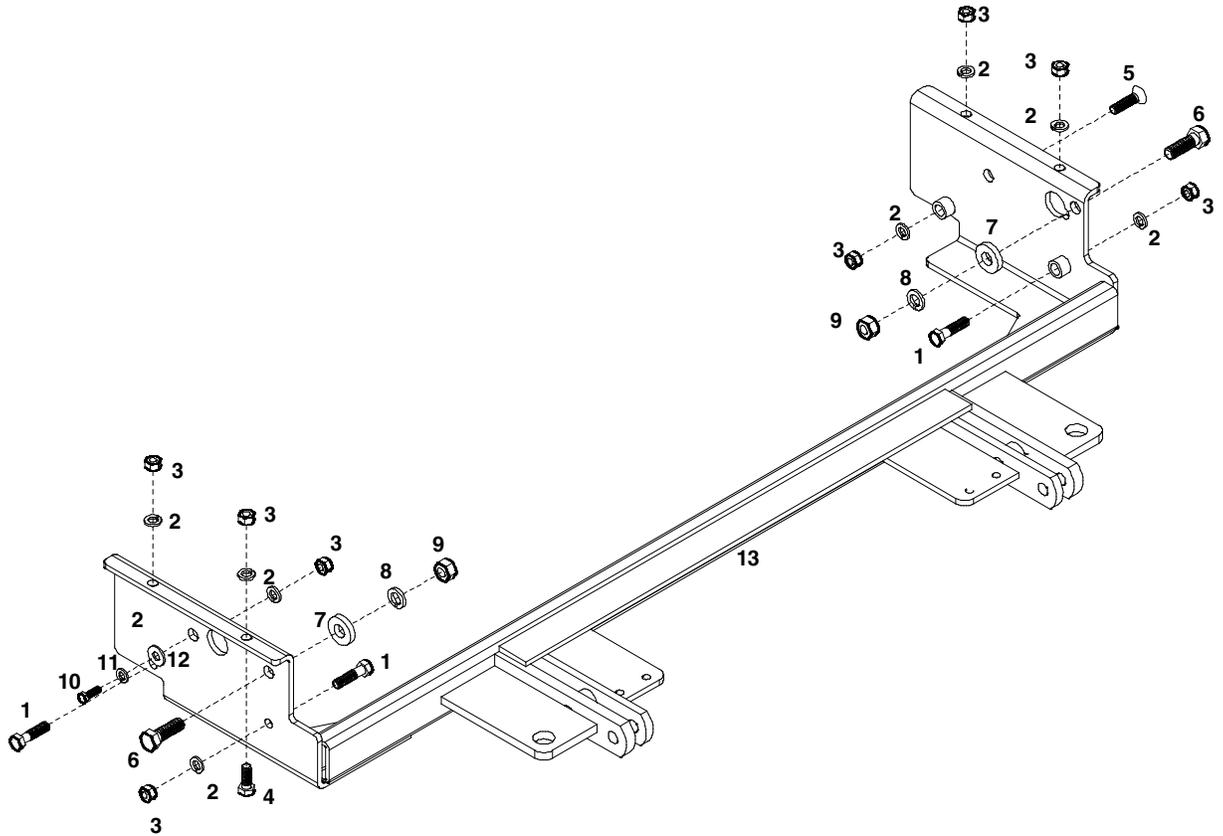
Demco

BASEPLATE

Honda Pilot



Pin Height - 15-1/2" Pin Centers - 24"



9517143 PARTS LIST

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	00914	3	3/8"-16UNC x 1-1/2" Hex Bolt Gr.5
2.	00060	8	3/8" Lock Washer
3.	00061	8	3/8"-16UNC Hex Nut
4.	00907	4	3/8"-16UNC x 1" Hex Bolt Gr.5
5.	03526	1	3/8"-16UNC x 1-1/2" Socket Flat Hd.
6.	01254	2	1/2"-13UNC x 1-1/2" Hex Bolt Gr.5
7.	07942-95	2	Heavy Frame Washer
8.	00084	2	1/2" Lock Washer
9.	00083	2	1/2"-13UNC Hex Nut
10.	07595	1	6mm-1.00 x 25mm Hex Bolt
11.	07596	1	6mm Lock Washer
12.	07597	1	6mm Flat Washer
13.	11266-76	1	Baseplate Bracket
14.	12329	1	Loctite(not shown)

Please order replacement parts by PART NO. and DESCRIPTION.

ASSEMBLY
OPERATION
REPLACEMENT PARTS

READ complete manual CAREFULLY
BEFORE attempting operation.

Doing Our Best to Provide You the Best

WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN LOSS OF TOWING VEHICLE CONTROL, SEPARATION OF THE TOW BAR FROM THE TOWING VEHICLE, SEPARATION OF THE TOWED VEHICLE FROM THE TOW BAR, CAUSING SEVERE PERSONAL INJURY, DEATH, OR PROPERTY DAMAGE.

CAUTION

Safety is of utmost importance at all times. There are several items that must be checked each time before using and while using a tow bar.

Before allowing anyone to hook up or operate a tow bar, be sure they have read and understand the proper operating procedure.

DO NOT use worn or damaged cables and/or pins.

Be sure the **SAFETY CABLES** are hooked, chassis to chassis, to both the towing and towed vehicles using the crisscross method.

Check clearance between vehicles in a turning situation.

Check base plate mounting bolts for tightness and frame for metal fatigue.

Do not load the towed vehicle with anything as you may exceed the towing capacity of the tow bar.

Keep fingers away from pivot points to prevent personal injury.

Be sure the steering components of the towed vehicle are properly aligned.

Demco baseplates are designed for use on factory vehicle suspension setups. Demco baseplates are not recommended for use on modified suspensions lowered or raised. Towing vehicle must be larger and at least 500 lbs. heavier than the towed vehicle and tow bar combined.

NOTE: This unit can be backed up in moderate increments. Any severe backwards cornering could result in damage to the Tow Bar and/or towed vehicle chassis.

For automatic transmissions: Consult your vehicle owners manual for towing suitability with the drive shaft connected. Otherwise, the towed vehicle will have to be equipped with a transmission pump or drive shaft disconnect.

Check to make sure that all lights are in proper working order.

The information on towability of vehicles is reprinted with permission of MotorHome® Magazine, and is believed to be reliable. However, **Demco does not** warrant the information to be correct. Always consult your towed vehicle owner's manual and follow towing instructions. Each year, **MotorHome® Magazine,** compiles a list of vehicles that can be towed four-down behind a motorhome with no modifications required.

 **Caution: MotorHome® Magazine** left out any vehicles that have towing speed limits slower than 55 m.p.h., or distance limits of less than 200 miles. At a minimum, these vehicles require significant modification, such as the use of an aftermarket product, to make them towable. The availability of a **Demco Tow Bar Base Plate does not** imply that these vehicles can be modified or that there is an aftermarket product available. Refer to your vehicle owner's manual or consult your dealer to determine whether your vehicle can be modified to make it towable. Failure to observe this precaution could result in property damage or personal injury.

IMPORTANT INSTALLATION ITEMS

DEMCO products and accessories are intended to be installed by professional installers with experience, proper equipment and the ability to do modification work. Installers with these qualifications can be found in RV and Automotive Service Centers.

If the car to be towed has been in an accident, the chassis may be damaged in an area where the Base Plate attaches. It may no longer be suitable for towing. Extreme caution and careful examination are required in such a situation. It is also likely, even from a minor accident, that the hole alignment will be more difficult due to hole alignment problems.

Many DEMCO Base Plates are designed to use existing holes and hardware to mount the Base Plate to the towed vehicle. Even though the bolt is there, however, do not assume it is adequate for mounting the Base Plate. Manufacturers make many changes in hardware both within and between model years. Be sure the bolt is long enough to protrude past the nut a distance no less than 1/2 the diameter of the bolt, after the Base Plate is mounted. The threads should be in good condition. **We require that "Blue LOCTITE®" be used on all bolts.** If a new bolt is required, be sure it is SAE Grade 5 or Metric 8.8.

NOTE: The dimensional variations between otherwise identical vehicles can be considerable. Some minor modifications may have to be made to ensure a proper fit.

BOLT TORQUE SPECIFICATIONS

STANDARD BOLTS:			METRIC BOLTS:		
Size	Grade	Torque	Size	Grade	Torque
5/16"	5	18 ft/lbs	8mm	8	23 ft/lbs
3/8"	5	30 ft/lbs	10mm	8	45 ft/lbs
7/16"	5	50 ft/lbs	12mm	8	78 ft/lbs
1/2"	5	75 ft/lbs	14mm	8	125 ft/lbs

INSTALLATION INSTRUCTIONS



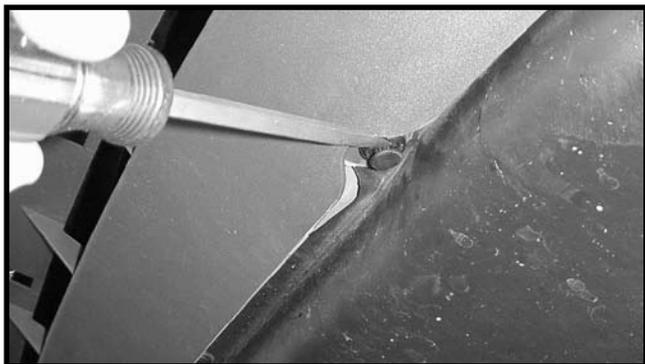
1. Open hood and remove plastic push fasteners from plastic cover panel and remove. Remove two more fasteners from top of facia.



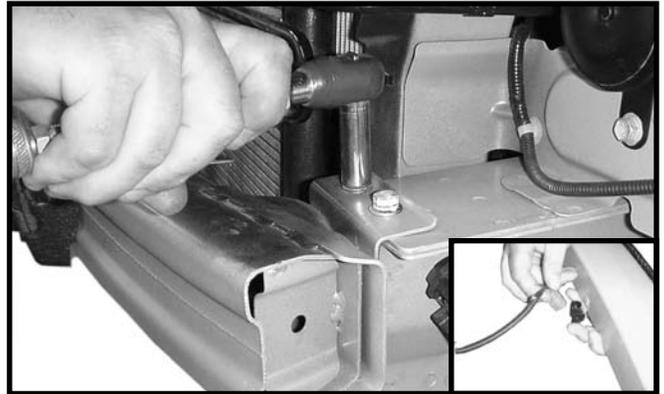
2. On outside of vehicle, remove one screw from facia to fender, on each side. Remove one screw from facia to fender liner, on some models



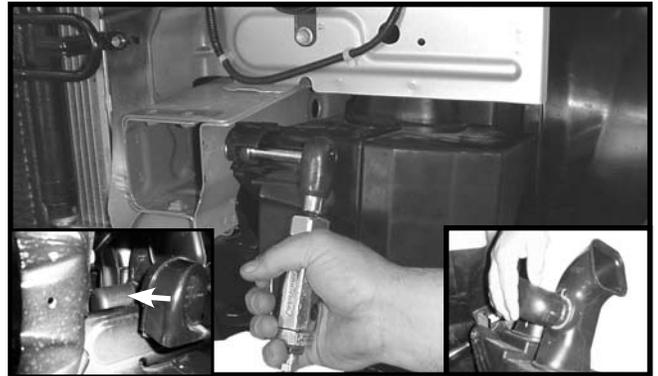
3. On bottom of facia, remove two bolts on each side that holds facia to wheel well extension.



4. Remove two plastic push fasteners from bottom of facia in center and remove bottom plastic filler if equipped. Pull facia out on each side by wheel well and carefully pull off. Unplug fog lights if equipped.



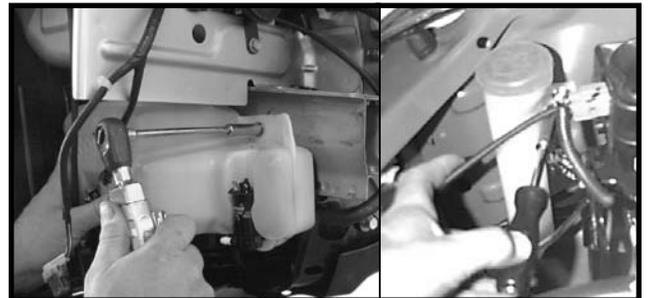
5. Remove six bolts that hold bumper on and remove bumper. Unplug temp sensor and remove wiring from bumper, if equipped.



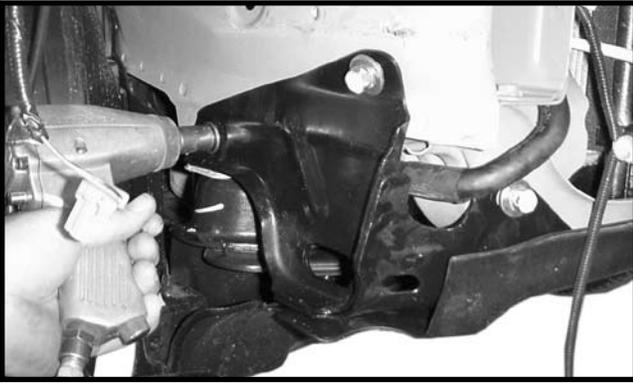
6. Remove air box on drivers side, two bolts and carefully pull down and out. (Plastic elbow or tube on air box can be turned and pulled to removed, so air box can be pulled out).



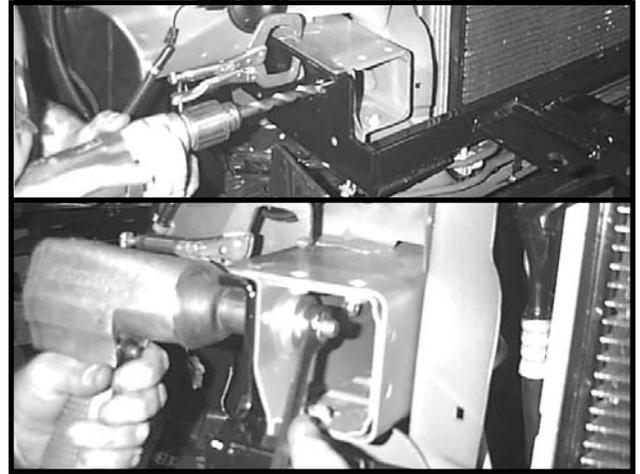
7. Pull coolant recovery tank out of its bracket and set aside.



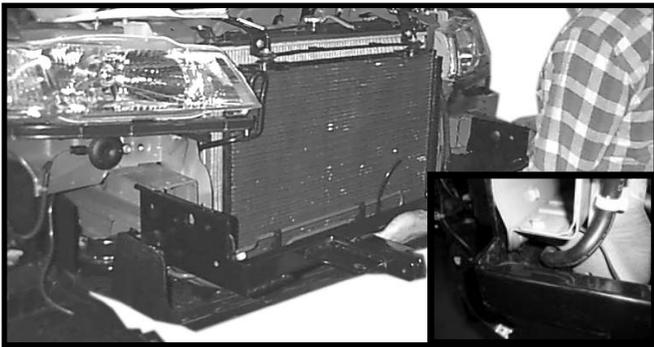
8. Unplug wiring and hoses from windshield washer tank and plug tank so fluid doesn't spill (Make note where hoses are plugged into pumps). Remove three bolts from washer tank and carefully remove tank.



9. Remove right and left tie down brackets. These brackets will not be reused.



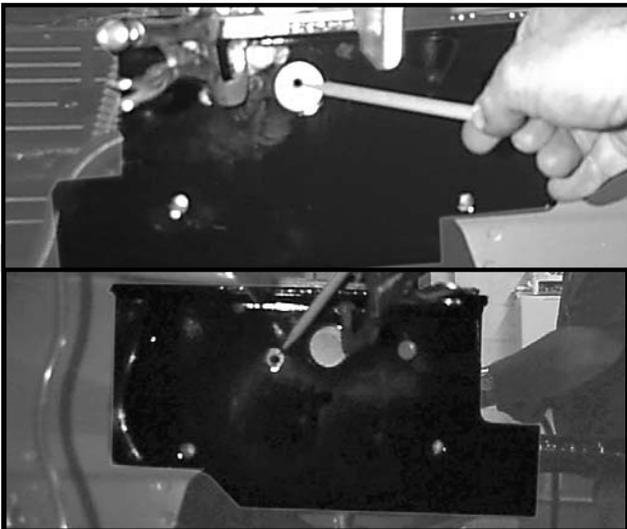
12. Transfer punch first 1/2" hole, then drill with 3/16" bit on each side, then use 1/2" bit to finish. Install 1/2" x 1-1/2" bolt through hole, and inside of frame install heavy 1/2" washer, locknut, and nut. (Use Blue **LOCTITE** on all bolts and torque according the bolt chart.)



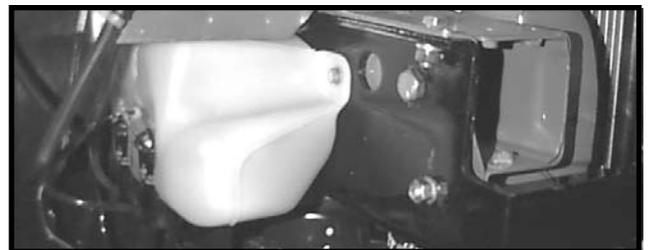
10. Have two clamps ready on each side of vehicle and slide baseplate along each side of frame. Baseplate will fit snug on frame, so try to go on evenly from side to side. Be careful not to pinch off cooler hose.



13. Transfer punch four 3/8" holes, (two on side and two on frame lip), on each side and drill with 3/16" bit, then 3/8" bit. On passenger side, install two 3/8" x 1-1/2" bolts, lock washers, and nuts. On drivers side, install one 3/8" x 1-1/2" bolt, one tapered 3/8" x 1-1/2" bolt, two lock washers, and nuts. Use two 3/8" x 1" bolts, lock washers, and nuts through the frame top lip on both sides. (Use Blue **LOCTITE** on all bolts and torque according the bolt chart.)



11. Slide baseplate on until large hole of baseplate, on drivers side, is centered over front threaded hole in frame. On passenger side, when third hole of baseplate is centered over threaded hole of frame. Clamp baseplate, making sure it is clamped to top lip of frame.



14. Reinstall washer tank, using original bolts except front tank bolt use 6mm-1.00 x 25mm bolt, lock washer, and flat washer.



15. Reinstall air box and then bumper with original bolts.



16. Cut fascia grill bars out, outside two on each side on lower opening. Newer models will need more trimming of fascia for the pull ears to pass through.



17. Reinstall fascia and top plastic cover with plastic push fasteners.