

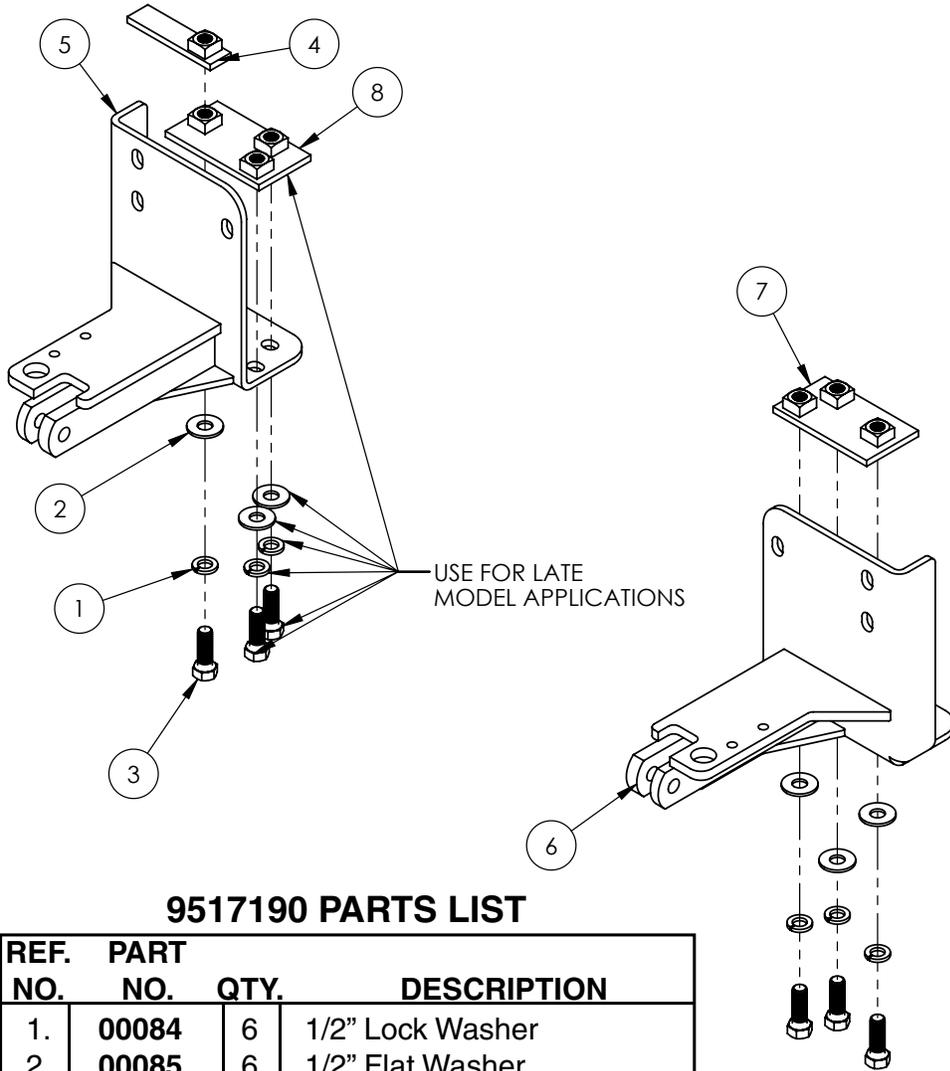


Toyota Tacoma



BASEPLATE

Pin height: 17" Centers: 30-1/2"



9517190 PARTS LIST

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	00084	6	1/2" Lock Washer
2.	00085	6	1/2" Flat Washer
3.	01254	6	1/2" x 1-1/2" Hex Bolt Gr.5
4.	12130-76	1	Nut Strip
5.	12131-76	1	Right Baseplate Pod
6.	12132-76	1	Left Baseplate Pod
7.	12133-76	1	Nut Plate
8.	14600-76	1	Nut Plate
9.	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 “LOCTITE® Blue” 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

For 2 wheel drive and late model go to page 6.



1. Open hood and remove two screws and two plastic push fasteners from top of grill and two plastic push fasteners from bottom on each side, set grill aside.



2. Remove three plastic push fasteners from under grill.



3. Remove four plastic push fasteners from under bumper and two screws on each side.



4. Remove one screw on each side that connects fascia to fender.



5. Remove one plastic push fastener from each wheel well.
NOTE: Turn fastener 1/4 turn to remove.



6. Pull fascia out on each side to release and set fascia aside. If equipped with fender flairs remove one bolt from underneath flair and carefully pull off.



8. Remove end caps and tie down bracket or tow hook on some models. Bolts from end caps will not be reused. Bolts from tie down brackets will be reused.



7. Remove three nuts on each side of bumper and set bumper aside for later installation.



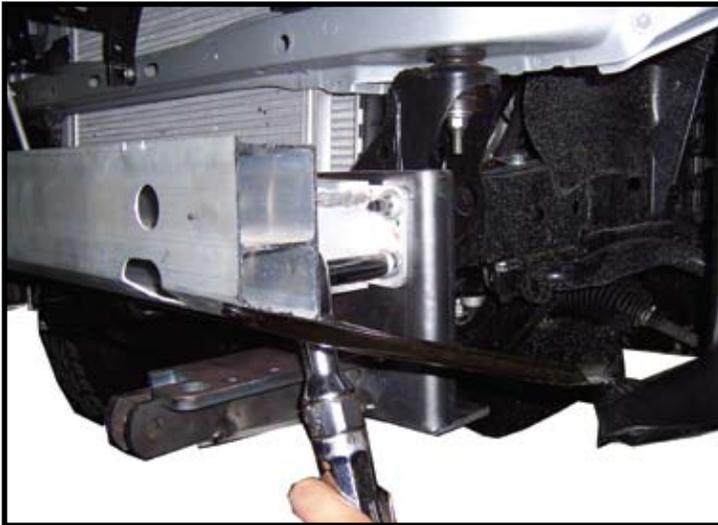
9. On passenger side slide base plate into position, insert two bolts from tie down brackets and one 1/2" bolt and nut strip. **NOTE:** Use Blue **LOCTITE**® on threads and tighten bolts according to bolt chart on front page.



10. On drivers side slide baseplate into position and clamp. Drill two 1/2" holes on inside using baseplate as template. Insert nut plate, three 1/2" bolts and washers.



12. Reinstall fascia and grill.



11. Slide bumper over baseplate brackets and tighten all bolts.



1. Open hood and remove two screws and two plastic push fasteners from top of grill and two or three plastic push fasteners from bottom, one on each side and one in middle, set grill aside. **NOTE:** Late model vehicles grill is attached to fascia do not remove at this time.



2. Remove four plastic push fasteners from under bumper and two screws on each side. For late model vehicles remove six screws and no push fasteners.



3. Remove one screw on each side that connects fascia to fender.



4. Remove one plastic push fastener from each wheel well. **NOTE:** Turn fastener 1/4 turn to remove.



5. Pull fascia out on each side to release and set fascia aside. If equipped with fender flairs remove one bolt from underneath flair and carefully pull off. On late model vehicles filler panel below head light will also be removed as fascia is removed.



6. Remove three nuts on each side of bumper and set bumper aside for later installation.



7. Place baseplate pods on bumper studs and fasten with factory nuts while pushing pod tight to bottom of frame.



11. Slide bumper on to studs and over baseplate pod. loosely tighten nuts.



8. Transfer punch the bottom three holes of each pod then remove pod.

9. Drill 1/2" holes where previously transfer punched in six spots. May want to start by drilling 1/4" holes then drill them to 1/2"



12. Insert 1/2" x 1-1/2" bolts with 1/2" flat washers and 1/2" lock washers. Tighten nuts that hold bumper. NOTE: Use Blue **LOCTITE**® on threads and tighten bolts according to bolt chart on front page.



10. Place nut plates in tubing over previously drilled holes and slide baseplate pod over bumper studs.



13. Reinstall fascia in reverse order.