

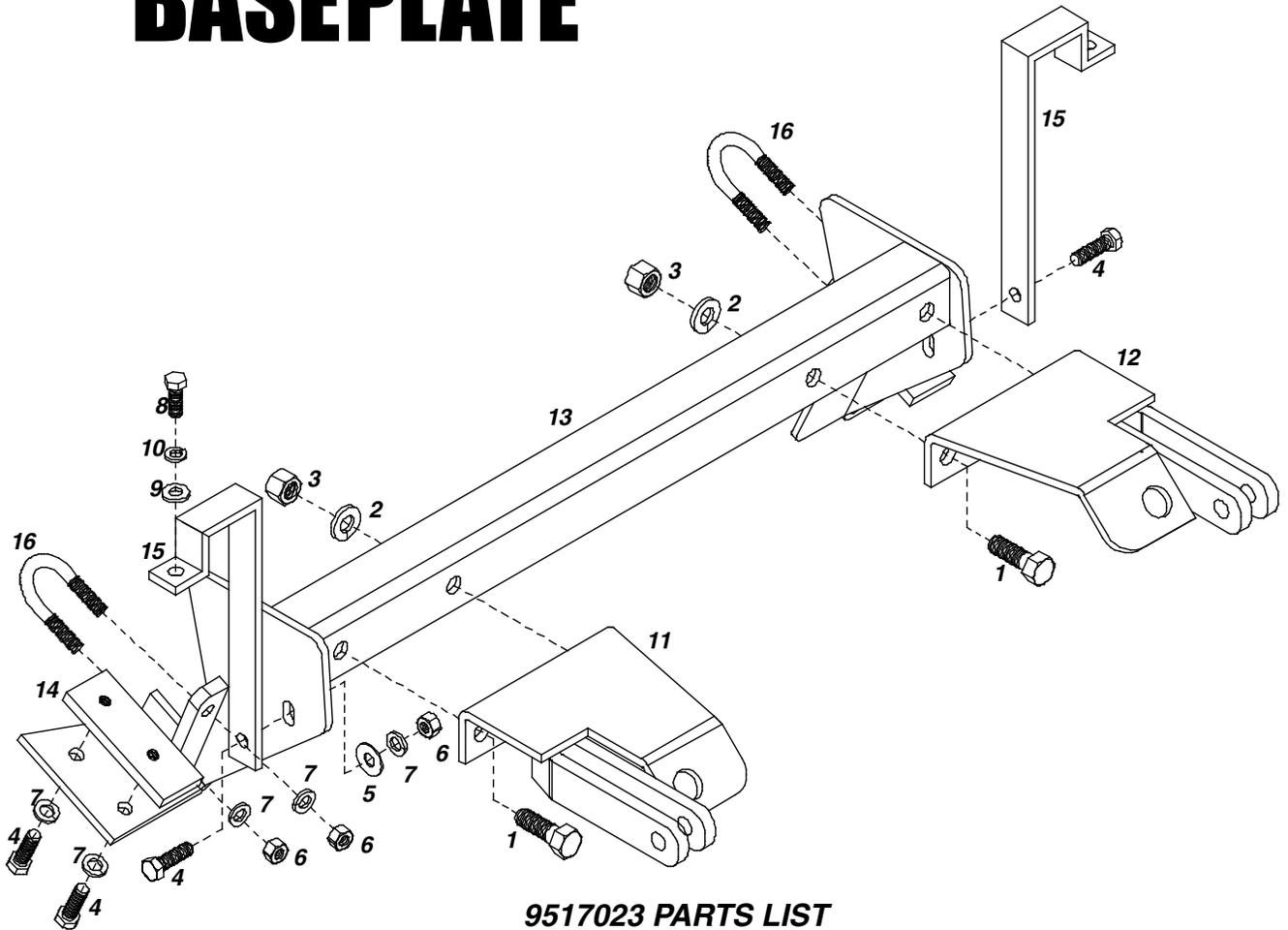
Demco

GEO Tracker
(2 Door Only)

Centers-21" Pin Height-16"



BASEPLATE



9517023 PARTS LIST

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	01254	4	1/2"-13UNC x 1-1/2" Hex Bolt Gr.5
2.	00084	4	1/2" Lockwasher
3.	00083	4	1/2"-13UNC Hex Nut
4.	00523	6	3/8"-16UNC x 1.250 Hex Bolt Gr.5
5.	00059	2	3/8" Flatwasher
6.	00061	6	3/8"-16UNC Hex Nut
7.	00060	10	3/8" Lockwasher
8.	07479	2	8mm-1.25 x 25mm Hex Bolt Gr. 8.8
9.	07442	2	8mm Flatwasher
10.	07286	2	8mm Lockwasher
11.	07591-76	1	Right Attaching Pod
12.	07592-76	1	Left Attaching Pod
13.	07593-76	1	Cross Member Mount
14.	07425-95	2	Nut Strip
15.	07469-76	2	Upper Support Brace
16.	07427	2	3/8"-16UNC x 2-1/8" x 2-7/8" Rnd U-bolt
17.	12329	1	Loctite(not shown)

ASSEMBLY
OPERATION
REPLACEMENT PARTS

READ complete manual CAREFULLY
BEFORE attempting operation.

Doing Our Best to Provide You the Best

OPERATORS MANUAL

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



1. Remove one phillips screw from the center grill area. This will allow you to carefully pry off grill/headlight trim panel.



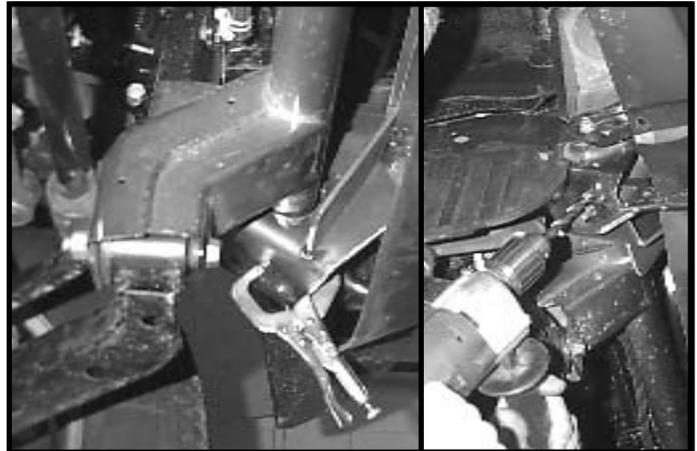
2. Remove top two bumper mount bolts with 12mm socket and ratchet. Remove one from each side, new bolts will be installed later.



3. Remove one phillips screw from each side of lower bumper fascia. Also remove tin pan on the bottom of radiator. After pan removal, replace the two bolts and save pan for resale of vehicle at a later date.



4. Push bumper fascia toward front of vehicle and place center cross member into position, as shown, and clamp in place with small C-clamp vise grip.



5. Make sure cross member is up against round cross tube and centered side to side on frame. Holes should be positioned in the center of frame rails. Drill two 13/32" holes on each side thru frame. Use base plate as template.



6. While holding one end of base plate cross member, remove one clamp and insert nut strip into frame rail. Align holes and secure with 3/8" x 1-1/4" hex bolt and lockwashers. After one side is complete repeat procedure for other side. Do not tighten bolts at this time.



7. Install upper support brace loosely onto bumper mount using a 8mm x1.25 x 25mm hex bolt, flatwasher and lockwasher on each side.



9. Install 3/8" x 2-7/8" u-bolts around round frame tub through base plate, on each side and secure with four 3/8" lock washers and 3/8" hex nuts and tighten.

10. While pushing upward on cross member, tighten four frame bolts first, then tighten upper support brace bolts on bumper bracket. Now tighten lower bolt in upper support brace that attaches to cross member.



8. Secure lower end of upper support brace using a 3/8" x 1-1/4" hex bolt, flatwasher, lockwasher and hex nut. This end attaches to cross member side plate thru slotted hole.



11. Install left and right attaching pods with four 1/2" x 1-1/2" hex head bolts, lock washers and hex nuts. **NOTE: Chain anchor holes must be mounted toward center of vehicle.** Tighten all bolts according to torque specifications on front page.

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Find out more trailer hitches and towing we have.