BASEPLATE 9518186
Nissan Frontier, Pathfinder & Xterra

Pin Height - 23"  Center - 24"

Please order replacement parts by PART NO. and DESCRIPTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>00059</td>
<td>WASHER, .375 FLAT</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>00061</td>
<td>NUT, .375 HEX</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>00613</td>
<td>BOLT, .375NC X 6&quot; HEX GR.5</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>07288</td>
<td>WASHER, 12MM LOCK</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>07432</td>
<td>WASHER, 12MM FLAT</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>13674-76</td>
<td>CROSSMEMBER</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>13675-76</td>
<td>SPACER TUBE</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>13778</td>
<td>BOLT, 12MM-1.25 X 50MM HEX GR.8.8</td>
<td>8</td>
</tr>
<tr>
<td>9</td>
<td>14559-76</td>
<td>WAHER, .25 THICK</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>14560-76</td>
<td>LONG BOTTOM BRACE</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>14561-76</td>
<td>SHORT BOTTOM BRACE</td>
<td>2</td>
</tr>
<tr>
<td>12</td>
<td>14562-95</td>
<td>FRAME SPACER TUBE</td>
<td>4</td>
</tr>
<tr>
<td>13</td>
<td>14567</td>
<td>BOLT, .375NC X 9&quot; HEX GR.5</td>
<td>2</td>
</tr>
<tr>
<td>14</td>
<td>5937</td>
<td>PLUG MOUNT KIT</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>10280</td>
<td>SHIM (NOT SHOWN)</td>
<td>8</td>
</tr>
<tr>
<td>16</td>
<td>12329</td>
<td>LOCTITE (NOT SHOWN)</td>
<td>2</td>
</tr>
<tr>
<td>17</td>
<td>12979</td>
<td>PULL EAR COVER &quot;A&quot; (NOT SHOWN)</td>
<td>1</td>
</tr>
<tr>
<td>18</td>
<td>12980</td>
<td>PULL EAR COVER &quot;B&quot; (NOT SHOWN)</td>
<td>1</td>
</tr>
</tbody>
</table>

Please order replacement parts by PART NO. and DESCRIPTION
Introduction

**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.**

**WARRANTY POLICY, OPERATOR MANUALS, PARTS MANUALS & REGISTRATION**

Go online to www.demco-products.com to review Demco warranty policies, operator manuals and register your Demco product.

---

**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**

<table>
<thead>
<tr>
<th>Size</th>
<th>Grade</th>
<th>Torque</th>
<th>Size</th>
<th>Grade</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16”</td>
<td>5</td>
<td>18 ft/lbs</td>
<td>8mm</td>
<td>8</td>
<td>23 ft/lbs</td>
</tr>
<tr>
<td>3/8”</td>
<td>5</td>
<td>30 ft/lbs</td>
<td>10mm</td>
<td>8</td>
<td>45 ft/lbs</td>
</tr>
<tr>
<td>7/16”</td>
<td>5</td>
<td>50 ft/lbs</td>
<td>12mm</td>
<td>8</td>
<td>78 ft/lbs</td>
</tr>
<tr>
<td>1/2”</td>
<td>5</td>
<td>75 ft/lbs</td>
<td>14mm</td>
<td>8</td>
<td>125 ft/lbs</td>
</tr>
</tbody>
</table>
1. Open hood and remove 4 or 6 plastic push fasteners from grill depending on the year.

2. Pathfinder/Frontier - Remove four plastic turns from front of grill.

2a. Xterra - Pull the grill out to gain access and remove 5 plastic push fasteners from behind the grill.

4. **Pathfinder/Frontier** - Remove plastic shield from bottom of bumper by removing six bolts.

5. **Pathfinder/Frontier** - Remove belly pan by removing 8 bolts.

4a. **Xterra** - Remove eight bolts and four phillips head screws from the bottom of the facia.
6. **Frontier** - Remove one bolt on each side.

6a. **Pathfinder** - Remove two bolts on each side on the inner fender.

6b. **Xterra** - Remove one screw on each side on the inner fender and two on the fender lip.

7. **Pathfinder/Frontier** - Remove two bolts from under bumper.

8. **Pathfinder/Frontier** - Remove four bolts from top of bumper and set facia aside or remove three plastic push fasteners from the bottom of the bumper and three from the top.
9. Remove bumper by removing four bolts (bolts will not be reused).

10. **Pathfinder/Frontier** - Remove two plastic push fasteners from each radiator air dams and trim above baseplate crossmember and reinstall.

11. Center baseplate over bumper holes and clamp. Route cooler line and hose as shown in bottom picture. Fasten baseplate using supplied 3/8" bolts, washers and nuts (as shown on cover) place bushing in bracket as shown in picture and tighten. It may be necessary to drill holes with 3/8" drill bit drill from backside (may remove one plastic push fastener to allow inner wheel well to move out of way). Use supplied shims if needed. Use blue **LOCTITE®** on all bolts and tighten all bolts according to chart on front page. **NOTE:** for some item #9 spacer and 3/8" x 9" bolt item #4 may be required as shown in the top picture. **NOTE:** Frontier and Xterra use parts 1, 2, 7, 3. Pathfinder use parts 1, 2, 7(all 4), 13.
12. Remove tow hook bolts and put install bottom bracket with 12mm x 50mm bolts, 12mm lockwashers, and 12mm flat washers. Repeat on drivers side and install bushings between frame and brace as the tow hook is.

13. Replace bumper support with longer supplied 12mm bolts, lock washers and flat washers. Place thick washer between baseplate and bumper.

14. If equipped with a cooler line bend cooler line back so it does not contact the baseplate.

15. Reinstall bumper, belly pan and grill.

16. Plug mount (item #14) may be installed if desired in convenience holes on either chain anchor or as desired.

NOTE: Excess material may be trimmed from bracket.
1. Open hood and remove 4 or 6 plastic push fasteners from grill depending on the year.

2. Release six plastic spades from back side of the grill and remove.

3. Remove three plastic push fasteners from top of facia just below where grill was removed.

4. Remove two screws from each wheel well as shown in the left picture. Remove two screws from behind wheel well insert on each side as shown in right picture.

5. Remove three plastic push fasteners from bottom side of bumper facia.

6. Remove two screws from each side of lower part of facia in front of wheels.
7. Remove four screws from bottom of facia behind air dam, remove two screws from skid plate, and remove facia.

8. Remove bumper by removing four bolts (bolts will not be reused).

9. Remove six nuts and wire from facia support tin and remove.

10. Remove air deflectors from each side of radiator by removing two plastic push fasteners. Trim drivers side as shown in left picture and the passenger side as shown in picture on the right. Set aside to be reinstalled later.

11. Cut right side cooler line brace as shown. Remove one nut from top portion of the cut cooler line bracket and remove as shown.

12. Trim passenger side of facia support bracket as shown and reinstall.
16. Center baseplate over bumper holes and clamp. Route cooler line and hose as shown in bottom picture. Fasten baseplate using supplied 3/8" bolts, washers and nuts (as shown on cover) place bushing in bracket as shown in picture and tighten. It may be necessary to drill holes with 3/8" drill bit drill from backside (may remove one plastic push fastener to allow inner wheel well to move out of way). Use supplied shims if needed. Use blue LOCTITE on all bolts and tighten all bolts according to chart on front page. **NOTE:** for some item #9 spacer and 3/8" x 9" bolt item #4 may be required as shown in the top picture. **NOTE:** Frontier and Xterra use parts 1, 2, 7, 3. Pathfinder use parts 1, 2, 7(all 4), 13.

15. Using a nylon wire tie (not supplied) secure cooler line up and out of the way and reinstall facia support tin. Reinstall air deflectors.

14. With both hands carefully bend cooler line as shown.
17. Remove tow hook bolts and put install bottom bracket with 12mm x 50mm bolts, 12mm lockwashers, and 12mm flat washers. If not equipped with a tow hook, use bushings like on drivers side. Repeat on drivers side and install bushings between frame and brace as the tow hook is.

18. Replace bumper support with longer supplied 12mm bolts, lock washers and flat washers. Place thick washer between baseplate and bumper.

19. Reinstall facia and grill in reverse order.

20. Plug mount (item #10) may be installed if desired in convenience holes on either chain anchor or as desired. NOTE: Excess material from plug mount bracket may be trimmed.