



**BX1921 Installation Instructions
1991-95 Dodge Caravan
1991-95 Plymouth Voyager
(Not 1991-93 SE, Not 1994-95 LE, SE, ES)**

Installation of this baseplate requires drilling four 3/8" holes through the holes in the outer mounts into the vehicle's frame. The plastic covers on each side will need to be partially removed to allow for drilling access.

SPECIAL NOTICE: During tow testing of this vehicle we found that it may not track properly while turning through a sharp dip. The front wheels may stay in the turned position after the vehicle has come out of the dip and straightened out. If the van is towed for any distance with the front wheels still turned, damage to the tires and/or the front end of the van may result. Please be aware that this problem may occur and watch for it. For specific information call Automatic Equipment.

1. Read the General Instruction Sheet included with this baseplate.
2. The base plate attaches to the center motor mount and the body frame using eight bolts, six of which are provided with the base plate.
3. Below and behind the bumper, in the center of the van, is an engine mount. The mount is attached to the body with three bolts, one in the bottom center and two in the upper part. These bolts will all be removed in the next step. The engine will need to be supported while the bolts are out. Place a jack under the engine near where the mount bolts to the engine. Put enough pressure on the engine to raise the front of the van about one inch.
4. Remove the nuts from the two bolts in the upper part. Save the two nuts, they will be used for reassembly. Remove the bolt in the front of the engine mount. As the bolt is loosened the engine mount should stay in place. If the mount moves away from the frame, put more pressure on the engine with the jack.
5. In the bottom of the center engine mount is a 5/8" hole. This hole will match up to the 5/8" hole in the center mount of the base plate. Slide the nut plate into the engine mount with the nut facing up and align the nut with the hole in the engine mount.
6. With help, position the baseplate under the front of the van. The two vertical brackets on the center mount should fit over the two bolts on the center engine mount and the 5/8" hole should align with the 5/8" hole in the engine mount. The brackets on either end of the baseplate should slide up inside the frame sheet metal. The center of the mount can be pried left-to-right to help alignment if necessary.
7. Start the 5/8" bolt and lock washer into the engine mount to hold the baseplate in position. Start the nuts on the two bolts at the rear of the mount. Start the 10mm x 70mm bolt through the hole just ahead of the 5/8" bolt.
8. Four 3/8" holes will need to be drilled through the holes in the outer mounts into the frame of the van. Plastic covers will need to be partially removed on each side to allow access to drill. The baseplate can be used as a template or the hole centers can be transfer punched and the baseplate removed before drilling. If the baseplate is used as a template, apply Locktite to the four bolts already started and tighten securely before drilling.

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9. Drill the four holes and bolt the outer mounts to the van frame using the four 3/8" bolts, nuts, flat, and lock washers provided. Put the flat washers on the frame side of the hole. Locktite and tighten securely.
10. The dimensional variations between otherwise identical cars can be considerable. While the location and size of the holes in the baseplate were designed for easy installation, it may be necessary to file a hole slightly to allow a bolt to clear.
11. Install the tow bar and safety cables according to the instructions included in their packages.
12. Do not substitute other devices if the tow bar pin and clip are lost.
13. DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.

Tools Required

10mm Wrench	9/16" Wrench	15/16" Wrench
13mm Wrench	15mm Wrench	Drill and 3/8" Bit
3/8" Transfer Punch	Locktite Blue	Jack

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-3748	Weldment, Nut Plate, BX1921
2	1	61-3925	Weldment, Baseplate, BX1921
3	1	201-0493	10mm-1.5 x 70mm Hex bolt, Grd. 10.9
4	1	201-0286	5/8-11 x 1 3/4 Hex Bolt, Grd. 5
5	1	203-0103	10mm Flat Washer
6	4	201-0440	3/8-16 x 1 1/2 Hex Bolt, Grd. 5
7	1	203-0104	10mm Lock Washer
8	4	202-0003	3/8-16 Hex Nut
9	4	203-0003	3/8 Flat Washer
10	4	203-0010	3/8 Lock Washer
11	1	203-0013	5/8 Lock Washer

