



## BX2104 Installation Instructions 1986-92 Ford Aerostar

- 1 Read the General Instruction Sheet included with this baseplate.
- 2 The baseplate mounts to the front underside of the van using the twelve bolts provided, six on each side of the van.
- 3 Remove the front bumper. It is held in place with seven large head bolts, three in front and four on the bottom.
- 4 Remove the plastic air dam from the bumper. It is held in place with plastic push pins which can be removed by pulling out on the center post.
- 5 Remove the two bolts on each side which hold the sway bar brackets to the frame extensions and let the sway bar swing down.
- 6 Insert a 7/16 "T" bolt into the rear hole of both lower arms, from the flange side of the arm. Install a lock washer and thread on a nut just far enough to expose the flats of the bolt. Note that the flats are 90° to the long sides of the bolt wings.
- 7 To install the lower arms onto the frame rails, position the arm under the frame rail with the long flange facing inward and the rear end angled upward. Raise the arm up and back to allow the front bracket to straddle the frame rail just behind the front cross member.
- 8 When the arm is in position, use the flats on the "T" bolt to turn and align the wings with the slot in the frame. After the wings are inserted through the slot, turn the bolt 90° so that the wings are across the slot. The flats should be about 20° from horizontal, tipped down toward the front. Hold the bolt in this position with a 5/16 wrench and snug up the 7/16 nut.
- 9 Install the upper brackets on top of the frame rails and loosely attach to the front brackets using 1/2" bolts, lock washers and nuts.
- 10 Hold the baseplate with its rear arms pointing up and back and hook the arms around the outer flanges of the frame extensions that the sway bar was bolted to. Rotate the baseplate up to align its end plate holes with the holes in the lower arms. Loosely attach with 1/2" bolts, lock washers and nuts.
- 11 When all bolts align, snug them up to hold parts in final position.
- 12 Using the baseplate rear arms as a guide, drill a 13/32" hole into the frame extensions.
- 13 Insert a 3/8" bolt through the arms and extensions and loosely secure with a lock washer and nut.
- 14 Remove the baseplates' two lower arm bolts and let the baseplate swing down in front.
- 15 Replace the front bumper and secure it with the front bolts only.
- 16 Replace the baseplate bolts and securely tighten all bolts.
- 17 Four slots must be cut in the plastic air dam. These slots are cut through the top flange and down 2 5/8". One set is 1 1/2" wide and is 29 1/8" between inside edges. The other set is two inches wide and 37 3/4" between inside edges. Mark the slots on the air dam and hold it in position to verify their location.
- 18 Cut the air dam and install it with the plastic pins and the bottom bumper bolts.
- 19 Reinstall the sway bar.
- 20 The dimensional variations between otherwise identical cars can be considerable. While the location and size of the holes in the baseplate were designed to facilitate easy installation, it may be necessary to file a hole slightly to allow a bolt to clear.
- 21 Install the tow bar and safety cables according to the instructions included in their packages.
- 22 Do not substitute other devices if the pin and clip are lost.
- 23 DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.

# Automatic

### Tools Required

3/4 Socket	10mm Socket	9/16 Socket
3/4 Wrench	9/16 Wrench	5/8 Wrench
5/16 Wrench	Torx #40 Wrench	13/32 Drill

### Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-3321	Baseplate, BX2104
2	2	61-3320	"T" Bolt
3	1	61-3324	Lower Arm, L.H.
4	1	61-3325	Lower Arm, R.H.
5	1	102-2769	Upper Bracket, R.H.
6	1	102-2770	Upper Bracket, L.H.
7	8	201-0051	1/2-13 x 1 1/2 Hex Head Bolt, Grade 5
8	2	201-0368	3/8-16 x 1 1/4 Hex Head Bolt, Grade 5
9	2	202-0003	3/8-16 Hex Nut
10	2	202-0004	7/16-14 Hex Nut
11	8	202-0005	1/2-13 Hex Nut
12	2	203-0010	3/8 Lock Washer
13	2	203-0011	7/16 Lock Washer
14	8	203-0012	1/2 Lock Washer
	2	226-0046	Baseplate Safety Cable, 36" CL III (Not Shown)
	4	229-0359	Quicklink, 3/8, ZP (Not Shown)

