



BX2136 Installation Instructions 1998-99 Ford Ranger 4WD

Serial No.

These vehicles weigh over 3500 lbs. and require a Class III (5000 lb) rated tow bar, hitch, and accessories. Utilization of Blue Ox baseplates with any tow bar not approved by Automatic Equipment Mfg. Company invalidates the limited warranty.

1. Read the General Instruction Sheet included with this baseplate.
2. The baseplate mounts to the frame using six bolts which are included with the baseplate.
3. The bumper will have to be removed. There is a rectangular shaped belly pan that needs to be removed to gain easy access to the bumper bolts. Four small bolts mount it to the frame.
4. One of the tow hooks needs to be removed to allow the bumper to be removed. There are three bolts which mount the tow hook. With the bolts out, the tow hook can be removed out the back of the bumper.
5. There are four nuts that hold the bumper on the end of the frame rails. Remove the bolts and set the bumper aside.
6. The baseplate fits on the inside and bottom of the frame rails near the front of the frame. There are slots in the frame that will match up to the slots in the end pieces of the baseplate. Hold the baseplate up in position and then mark the location of the two round holes in the bottom of the end pieces. Remove the baseplate and drill 17/32" holes in these locations.
7. Position the baseplate on the frame again and start the bolts. The four nut plates supplied are to be used on the bolts going into the slotted holes and the nut wires for the two drilled holes. Use the flat washers to cover the slots and apply Loctite to all bolts. When all bolts are started, tighten completely.
8. Replace the bumper, tow hook, and belly pan.
9. The dimensional variations between otherwise identical cars can be considerable. While the location and size of the holes in the baseplate were designed to allow for easy installation, it may be necessary to file a hole slightly to allow a bolt to clear.
10. Install the tow bar and safety cables according to the instructions included in their packages.
11. Do not substitute other devices if the tow bar pin and clip are lost.
12. DEALER OR INSTALLER: BE CERTAIN THE USER RECEIVES THE INSTRUCTION SHEET.



Strong As An Ox™

Tools Required

3/4" Socket
10MM Socket

18MM Socket
17/32" Drill Bit

15MM Socket
Loctite

Parts List

| Ref. No. | Qty. | Part No. | Description |
|----------|------|----------|--|
| 1 | 1 | 61-5158 | WLDM'T, BP, BX2136 |
| 2 | 1 | 101-6609 | PLATE, SUPPORT, DS, BX2170 |
| 3 | 1 | 101-6610 | PLATE, SUPPORT, PS, BX2170 |
| 4 | 2 | 61-5159 | WELDMENT, 1/2 NUT PLATE WITH WIRE |
| 5 | 4 | 61-4029 | WELDMENT, 1/2 NUT WIRE COMMON |
| 6 | 4 | 61-5208 | WLD, NUT PLT, 1/4X1X1, 3/8"/14"WIRE |
| 7 | 6 | 201-0051 | 1/2-13 X 1 1/2 HEX BOLT GRD.5, ZP |
| 8 | 6 | 203-0012 | 1/2 LOCK WASHER, ZP |
| 9 | 4 | 203-0005 | 1/2 FLAT WASHER, ZP |
| 10 | 4 | 201-0368 | 3/8-16 X 1 1/4 HEX HEAD BOLT, GRD. 5 |
| 11 | 4 | 201-0440 | 3/8-16 X 1 1/2 HEX BOLT, GRD.5, ZP |
| 12 | 8 | 203-0010 | 3/8 LOCK WASHER, ZP |
| 13 | 4 | 202-0090 | 3/8-16 HEX NYL. INS. LOCK NUT, ZP |
| 14 | 2 | 201-0553 | 1/4-20 X 1/2 HX.WSHD.TYPE F TCS, ZP |
| 15 | 2 | 201-0192 | 10-32 X 1/2 SLOT, RD. HD. SCREW |
| 16 | 2 | 203-0054 | #10 LOCK WASHER |
| 17 | 2 | 202-0047 | #10-32 HEX NUT |
| 18 | 2 | 101-5822 | ADAPTER, 4 WAY CONNECTOR |
| | 2 | 226-0046 | BASEPLATE SAFETY CABLE, 36" CL III (Not Shown) |
| | 4 | 229-0359 | QUICKLINK, 3/8, ZP (Not Shown) |

