



Strong As An Ox™

BX2177 Installation Instructions

2005-10 F-350, 2wd/ 4wd, Incl. Super Duty

Serial No.

The cross member, lower air dam, and tow hooks are removed for baseplate installation. Tow hooks are not reinstalled. Holes need to be drilled. Attachment tabs are 28 3/8 inches center to center and 25 inches in height. The BX8869 is available for the vehicle.



1. Using the 21MM socket, remove three metric bolts on cross member, both sides. Set cross member aside.



2. Remove nine metric bolts from the plastic air dam, just under metal bumper, with the 6MM socket.



3. Just forward of front leaf springs and behind metal bumper, are three metric bolts on tow hook to remove using the 15MM socket. Pull tow hook forward and set aside, both sides. Tow hooks will **NOT** be reinstalled.



4. With the 18MM socket, remove the two metric bolts from metal bumper openings, both sides.



5. Hold baseplate into opening for tow hook to align with back hole, insert items 3 and 5 and tighten. Refer to drawing on last page. **Be sure and use loctite on all bolts before tightening.**



6. Reinstall four existing metric bolts and tighten. Using the 17/32" drill bit, ream out remaining holes in baseplate. **Be sure and use loctite on all bolts before tightening.**



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7. Insert items 3 and 4 into baseplate and tighten items 5 and 6 on the back side of metal bumper. **Be sure and use loctite on all bolts before tightening.**

8. Reinstall plastic air dam and cross member.

9. *The dimensional variations between otherwise identical cars can be considerable. While the baseplate was designed for easy installation, it may be necessary to tailor the baseplate slightly to compensate for auto manufacturers' tolerances. These minor adjustments may include filing a hole slightly, bending electrical rods, adding shims and/ or bending endplates.*

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.*



2005 F-350



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Tools Required

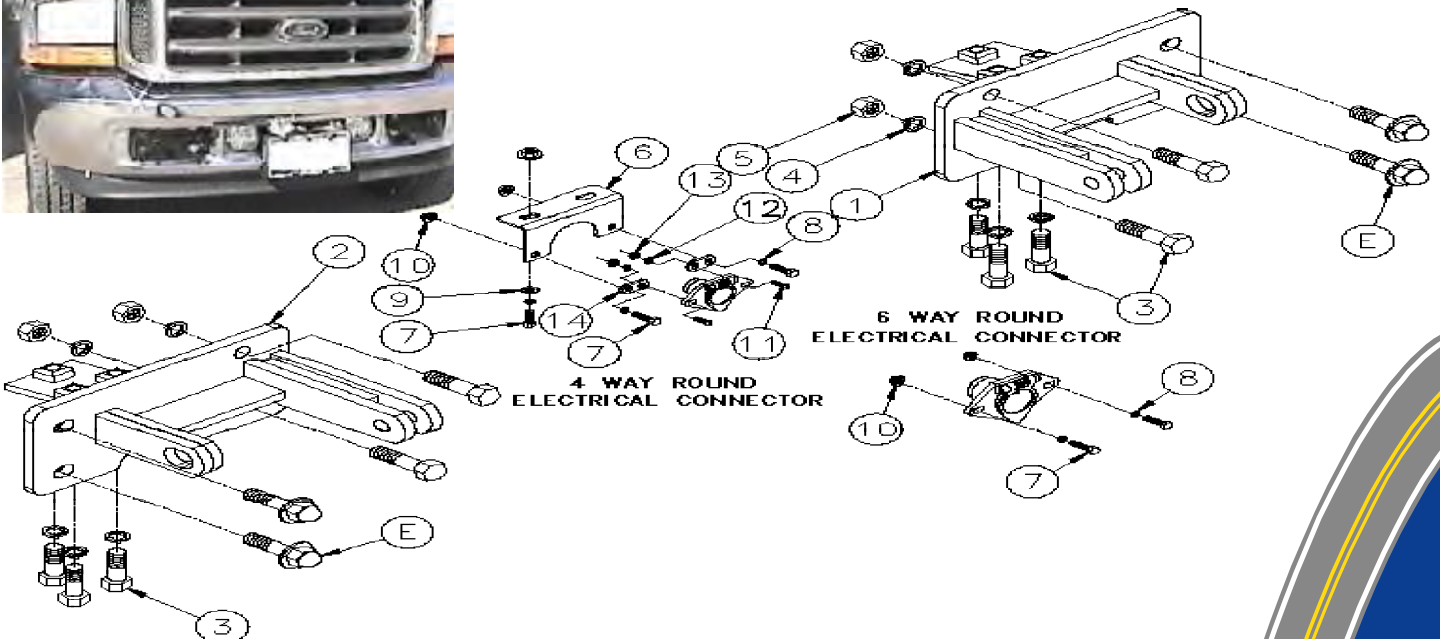
8MM Socket
15MM Socket

21MM Socket
3/4" Socket

17/32" Drill Bit
Vise Grips
Loctite Red

Parts List

Ref. No.	Qty.	Part No.	Description
1	1	61-6125	Weldment, Base Plate, DS, BX2177
2	1	61-6126	Weldment, Base Plate, PS, BX2177
3	10	201-0068	1/2-13 x 1 3/4 Hex Bolt, Grd. 5, ZP
4	6	203-0012	1/2 Lock Washer, ZP
5	4	202-0005	1/2-13 Hex Nut, ZP
6	1	101-6135	Electrical, Bracket, BX2160
7	4	201-0569	1/4-20 x 3/4 Hex Bolt, Grd. 5, ZP
8	4	203-0008	1/4 Lock Washer, ZP
9	2	203-0001	1/4 Flat Washer, ZP
10	4	202-0069	1/4-20 Hex Whiz Nut, LocZP
11	2	201-0192	#10-32 x 1/2 Slot, Rd. Hd. Screw
12	2	203-0054	#10 Lock Washer
13	2	202-0047	#10-32 Hex Nut
14	2	101-5822	Adapter, 4 Way Connector
E	4		Existing Metric Bolts
	2	226-0049	Baseplate Safety Cable, 36" CL IV (Not Shown)
	4	229-0512	Quicklink, 1/2, ZP (Not Shown)



IMPORTANT: Use only genuine factory replacement parts on your Base Plate. Do not substitute homemade or nontypical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your Base Plate, be sure to use a replacement bolt of the same grade (Usually Grade 5, refer to parts list). Repair parts may be ordered through your nearest **Blue Ox** dealer or distributor. Failing to follow and/or altering these installation instructions in either installation or required equipment will void the manufacturer's warranty. Towing behind a non-motorized vehicle will void the warranty.