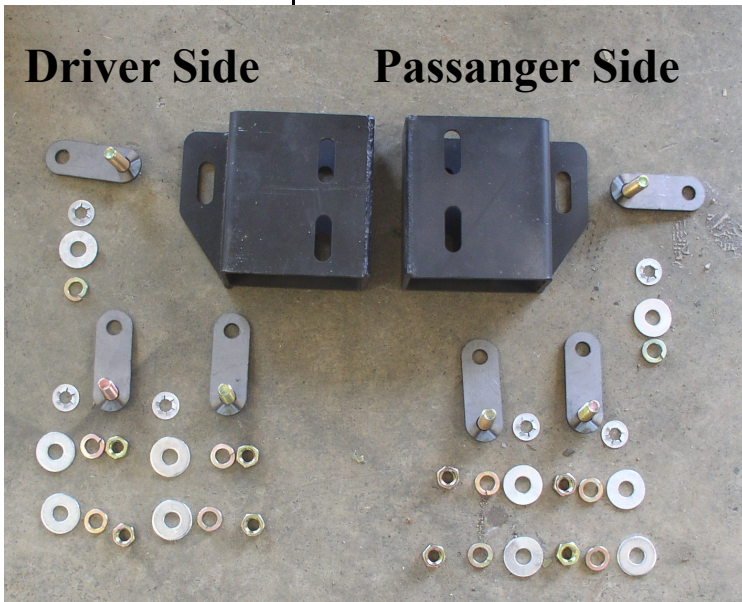




1997-2003 Ford F150 Installation Instructions

Item NO.	Hardware List	Quantity
1	Frame Mount Brackets	2
2	Single Bolts	10
3	Galvanized Keepers	10
4	Flat Washers	10
5	Lock Washers	10
6	Nuts	10
7	Winch Ready Billets	1 Set



1. Start by Removing Stock Bumper and tow hooks. See View A
2. Now you will prep the frame horn. Using a cut wheel you need to cut the frame horn flush with the mounting bracket . See View B



View A



View B

4. Install the single bolt plate, slide the bolt plate through the back of inner bumper mount . Use a deep socket and push the keepers over the bolt to keep it from dropping out the back of inner bracket.. See View C

5. Apply the Frame brackets to the inner bumper mount with flat washers, lock washers and nuts. as pictured in View D slightly tighten enough that the frame bracket will move up and down and side to side.

6. Apply 2 single bolt plate to frame mount brackets as pictured 2 on each side. Slide the single bolt plate through the bracket and secure with keepers by using a deep socket to push keep on to bolt as in View E. At this time you need to apply lighting and winch to bumper. See Winch Instructions

7. Now you are ready to mount bumper to frame horn. Slide the bolt through frame horn holes , use flat washers, lock washers and nuts to slightly tighten . You will have up and down and side to side adjustment. When you have it in adjustment tighten all bolts with a impact wrench.

8. You might want to tack weld the brackets in place and to the frame to insure no movement.

9. Trim the wheel well and tuck in to the back of the end cap to the bumper