

Mumby Manufacturing Ltd.

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INSTALLATION INSTRUCTIONS

GEN III MUMBY REMOVABLE BALL GOOSENECK HITCH

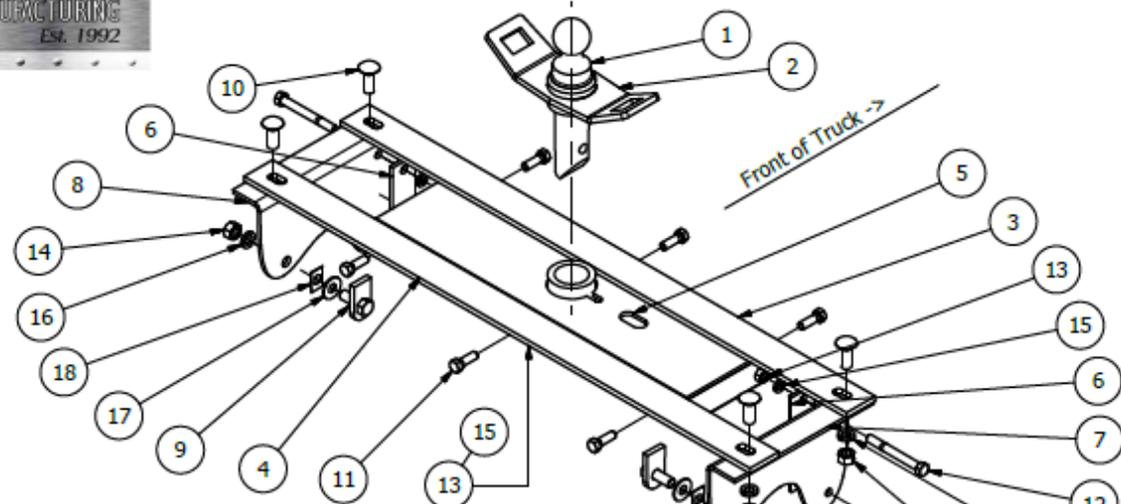
Model MUM – F150015

For 2015 and Newer Ford F150 Trucks



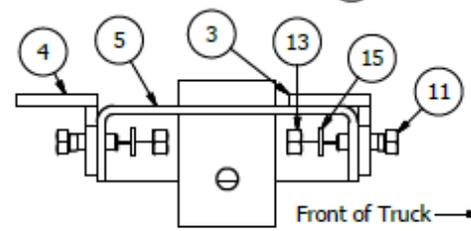
Mumby Manufacturing Ltd.
MUMBY REMOVABLE BALL GOOSENECK HITCH
MUM-F150015
Fits Ford F150 Trucks 2015 and newer

Installation Overview



Contents Included in Installation Package

PARTS LIST			BOLT PACKAGE			
ITEM	QTY	DESCRIPTION	ITEM	QTY	STANDARD	DESCRIPTION
1	1	Hitch Ball	10	4	5/8" x 1.75"	Carriage Bolts
2	1	Safety Chain Plate	11	6	1/2" x 1-1/2"	Hex Head Bolts
3	1	Front Crossbrace	12	4	1/2" x 4-1/2"	Hex Head Bolts
4	1	Rear Crossbrace	13	10	1/2"	Hex Nuts
5	1	Centerplate	14	6	5/8"	Hex Nuts
6	2	Backing Plate	15	10	1/2"	Lock Washers
7	1	Right Side Bracket	16	6	5/8"	Lock Washers
8	1	Left Side Bracket	17	2	9/16"	Spacer Washer
9	2	Bolt Holder	18	2	5/8"	Spring Nut



Side View of Crossbrace Orientation

1. Drill an 1/8" pilot hole, centered between the wheel wells as follows:
42-5/8" from rear of truck bed for all truck beds, 8' and shorter.
2. Drill two 1/2" holes 5" and 5 3/4" to the passenger side of the receiver pilot hole location. These holes are used to release the ball latch and to provide a view of the locking pin.
3. Using a 3-1/2" hole saw, cut the receiver hole in the box floor using the 1/8" pilot hole as a guide.
4. Cut out a 3/4" high and 2" wide (bottom of box flange) on the passenger side of the truck approximately 6" ahead of rear box support brace to slide 2-1/2" angle iron cross members through.



5. Slide front cross member through notch across truck frame with open angle facing towards back of truck. Move cross member towards front of truck. Now slide rear cross member in open angle facing back of truck (same orientation as front cross member)
6. Insert carriage bolts through notch at each end of cross members.
7. Insert bolts with backing plates welded on through large hole in side of frame behind spring stops above axles.



8. Pull bolt back through hole and slide spacer washer over bolt and insert it into the frame. Thread spring nut retainer clip on bolt and hand tighten to the frame to hold the bolt in place.



9. From underneath truck slide center plate in place from driver's side, up and over exhaust tail pipe.



10. Install cross members to center plate with ½” bolts and lock washers and hex nuts. (Do not tighten).
11. Attach side plates (Open angle of side plates will face out with the shorter vertical side towards the back of the truck) loosely to carriage bolts on the ends of the cross members.
12. Lift side brackets into place so the 5/8” bolt previously installed in frame is inserted through bottom hole in side bracket. Insert ½” x 4-1/2” bolts through top hole in side brackets and across frame making sure receiver is centered in the 3.5” hole in the truck box.
13. Once side plates are fastened, all nuts and bolts can be tightened.
14. Ensure all bolts are tightened
15. For proper maintenance, the ball **MUST** be removed regularly and the shank of the ball and the locking pin cleaned and lightly coated with a light lubricant. Periodic lubrication and cleaning of the ball shank is necessary for your removable ball hitch to keep performing properly.

Components in the MUM – F150015

Center Box Part # 650

Mounting Box Part # 015

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