

Mumby Manufacturing Ltd.

INSTALLATION INSTRUCTIONS

MUMBY REMOVABLE BALL GOOSENECK HITCH

Model MUM – 0474F150

1. Slide the support plates between the frame and the truck box. The 1"x4"x47" goes in front and the 1"x1.5"x46" is in the back.
NOTE: More working space can be made by jacking up the rear of the truck up slightly.
2. Place the angle bracket against the frame so the notch on the top of the bracket is towards the back of the truck under the truck box cross member. Bolt the angle bracket to the support plates using the 5/8" carriage bolt in the 1"x4" plate and a 1/2" x 1 1/2" hex bolt (with lock washer and flat washer) in the 1"x1 1/2" plate.
3. Place 3/8" x 7 1/2" x 2 1/2" plate on the inside of the frame, towards the front of the truck and bolt across with the 1/2" x 5 1/2" bolts supplied. Repeat this step on the back of the bracket with the 1/2" x 4 1/2" bolts supplied.
4. Tighten all bolts on the hitch frame, leaving 1/4" space between the 1 x 1 1/2" plate and the floor support brace over the rear axle.
5. From underneath truck, drill an 1/8" pilot hole through the center of the truck box (side to side measurement), 2" behind the 1" x 4" support plate.
6. From in truck box, drill two 1/2" holes 5" and 5 3/4" from the centre of the pilot hole (off to the passenger side) to accommodate the lever used to release the ball latch and to provide a view of the locking indicator. Using the 1/8" pilot hole as a guide, drill 3" – 3 1/8" hole to accept ball receiver.
7. Remove 1/2" bolts that fasten 1"x1 1/2" cross brace to side bracket. Bolt receiver to support plates and fasten 1"x1 1/2" cross brace to side bracket.
8. Once all bolts are tightened and hitch is secured to truck, Drill 5/16" hole in remaining hole in frame and thread in self tapping 3/8" bolt on each side to anchor hitch to frame.
9. For proper maintenance, the ball **MUST** be removed regularly and the shank of the ball and the locking pin cleaned and 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 – 0474F150

<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>	<u>Description</u>
1	- Ball Assembly (Includes Ball)	1	- Release lever
1	- 47" Plate	1	- Storage Case
1	- 46" Plate	1	- Plastic Plug
1	- Safety Chain Plate	1	- Bolt Kit
1	- 2004 F150 Bracket Kit		

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