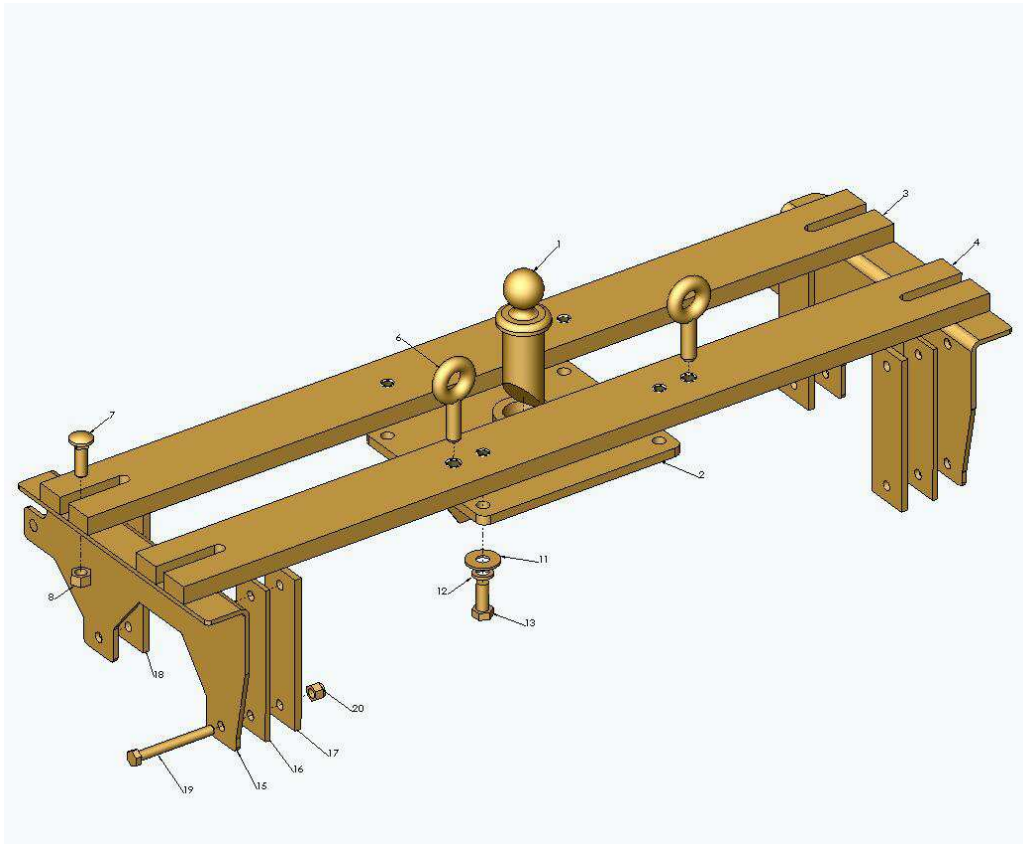


Mumby Manufacturing Ltd.

INSTALLATION INSTRUCTIONS

MUMBY REMOVABLE BALL GOOSENECK HITCH

Model MUM – 047D



1. Slide the 1"x4"x47" support plates between the frame and the truck box, above the wheels. More working space can be made by jacking up the rear of the truck up slightly. Put a temporary spacer approximately 1" between the plate and the frame.
2. Place the angle bracket against the frame so the threaded hole in the front of the bracket, lines up with existing hole in the truck frame, then bolt it up to the support plates. (On the driver's side, the top bolt that holds the brake cable bracket to the frame must be removed to access the existing hole. The brake cable bracket can then be angled a bit and tightened on with just the lower bolt.) Tighten 5/8" dowel bolt and lock washer through the threaded hole in the angle bracket into the truck frame. *If your truck has a box liner you may want to put spacers between the support plates and the angle bracket to raise the sleeve higher in the floor of the truck box.

3. Use the 1/4"x8"x2 1/2" plate as a spacer between the frame and the angle bracket (at the back). Place 3/8 x 8" x2 1/2" plate on the inside of the frame and bolt across with the 1/2" X 4 1/2" bolts supplied. Use one of the 3/8" x 8 1/2" x 2 1/2" plates on the inside of the frame at the front of the angle bracket and bolt across with the bolts supplied.
4. Bolt the ball receiver temporarily to the bottom of the support plates. Use temporary spacers (not supplied) to assure receiver stays level with the support plates (Flat washers can be used for temporary spacers - approximately 1/2".)
5. Drill a pilot hole in the floor of the truck box up through the ball receiver to ensure the proper location of the hole. To ensure the pilot hole is centered in the receiver, a 2" hole saw inverted so that the saw teeth are pointing downwards, can be used to guide the pilot bit. **NOTE:** The release pin must be removed prior to inserting the 2" hole saw in the receiver. There is some side-way adjustment for this hole, because of the slots in the plates, but there is **NO** adjustment front to back.

Remove the ball receiver from the support plate and then proceed to drill the 3" hole in the floor for your ball to fit into.

6. Drill two 1/2" holes 5" and 5 3/4" from the centre of the 3" hole (off to the side) to accommodate the lever used to release the ball latch and to provide a view of the locking indicator.
7. A packet of an anti-seize compound has been included with the new hitch. Open the packet and lightly cover the shank of the ball with the contents. The locking has been pre-coated at the factory. 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 or an anti-seize compound. Periodic lubrication and cleaning of the ball shank is necessary for your removable ball hitch to keep performing properly.

Components in the MUM – 047D

<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>	<u>Description</u>
1	– Ball Assembly (Includes Ball)	1	– Release lever
2	– 47" Plates	1	– Storage Case
1	– Bolt Kit	1	– Plastic Plug
1	– Dodge Bracket Kit		
1	– Safety Chain Plate		

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