

Mumby Manufacturing Ltd.

INSTALLATION INSTRUCTIONS

GEN III MUMBY REMOVABLE BALL GOOSENECK HITCH

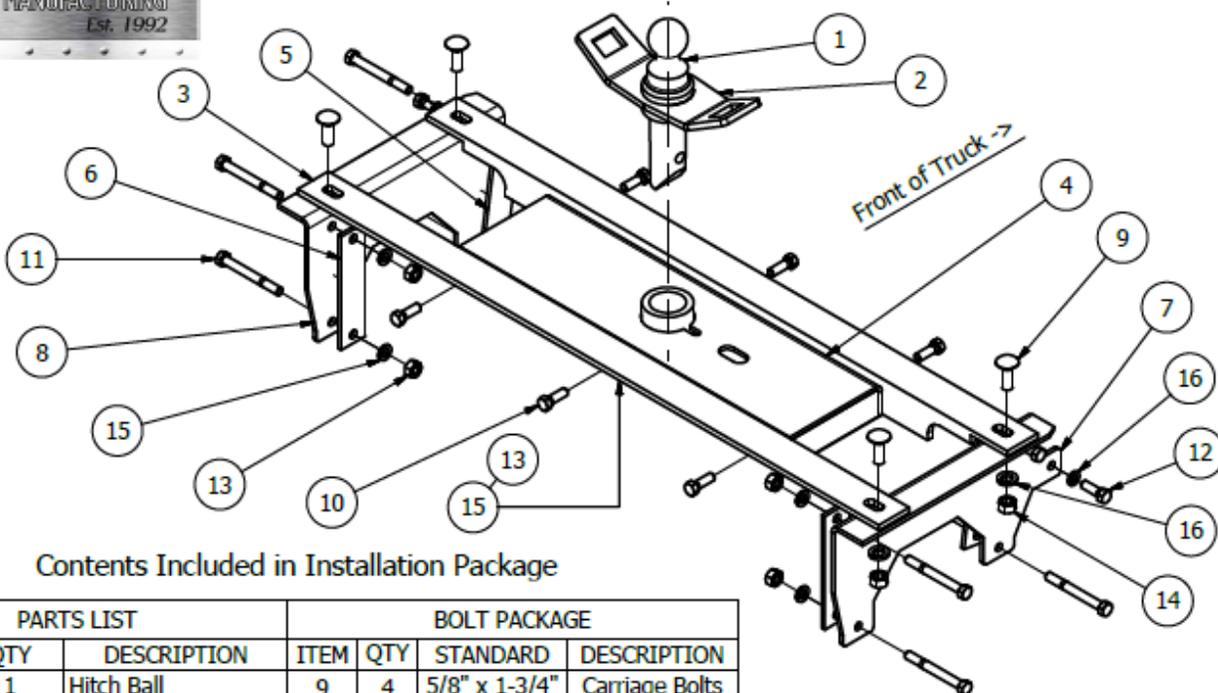
Model MUMT – 047D

Fits 2003 – 2013 Dodge 2500 & 2003 – 2012 Dodge 3500



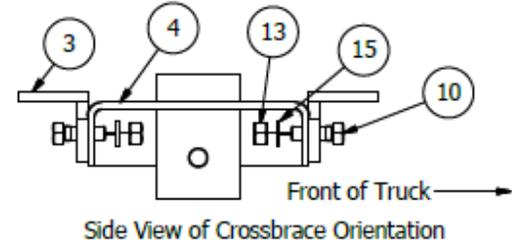
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 MUMBY REMOVABLE BALL GOOSENECK HITCH
 Model MUM - 047D
 Fits Dodge 3500 Trucks 2003-2012 and Dodge 2500 2003-2013

Installation Overview



Contents Included in Installation Package

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



1. From inside the truck box, drill an 1/8" pilot hole, centered between the wheel wells and measured from the back of the box as follows:
41-1/8" from the rear of the truck bed on a short box truck
43-1/8" from the rear of the truck bed on a long box truck.
2. From the pilot hole drill two 1/2" holes 5" and 5 3/4" off, to the passenger side to accommodate the lever used to release the ball latch and to provide a view of the locking indicator.
3. Using a 3-1/2" hole saw, drill the receiver hole through the floor of the truck box, 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 box support brace to slide 2-1/2" angle iron cross members through.



5. Slide the 2.5"x 47" angle iron cross members between the frame and the truck box, above the wheels orientated so the open angle of the rear brace is facing to the back of the truck and the open angle of the front brace is facing towards the front of the truck.
6. Bolt the ball receiver assembly to the cross members (Release pin is to the passenger side of the truck) with the (6) 1/2" x 1-1/2" bolts provided.
7. On 2010 and newer models, there is a grounding stud on the driver's side that must be removed and the grounding cable remounted on the inside of the frame.
8. On the driver's side the brake cable bracket and remounted once the hitch is installed.
9. 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. **Loosely fasten the angle bracket to the cross members with the 5/8" carriage bolts supplied. (The carriage bolts must be installed at this time, as access to install the carriage bolts is eliminated once the angle brackets are clamped in place).**
10. Tighten 5/8" dowel bolt and lock washer through the threaded hole in the angle bracket into the truck frame.

11. Place one of the 3/8 x 8" x 2 1/2" plate on the inside of the frame (lined up with the back holes in the bracket) and bolt across with the 1/2" X 4 1/2" bolts supplied. Place one of the 3/8" x 8 1/2" x 2 1/2" plates on the inside of the frame (lined up with the front holes in the angle bracket) and bolt across with the bolts supplied. Tighten the clamping bolts.
12. 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 – 047D

Center Box – Part # 650 **Mounting Kit** – Part # 47D

Ph: (306) 682-1477 Toll Free: 1-888-682-1477 Fax: (306) 682-2028

Email: mumbyhitches@sasktel.net Website: www.mumbyhitches.com