

Mumby Manufacturing Ltd.

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

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

INSTALLATION INSTRUCTIONS

GEN III MUMBY REMOVABLE BALL GOOSENECK HITCH

Model MUM – 04747

1999 - 2010 GMC/Chevrolet 2500 and 2007 - 2010 3500 Trucks

Mumby Manufacturing Ltd.
 MUMBY REMOVABLE BALL GOOSENECK HITCH
 Model MUM - 04747
 Fits Chev/GMC HD Trucks 2010 and older

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 1.75"	Carriage Bolts
2	1	Safety Chain Plate	10	6	1/2" x 1-1/4"	Carriage Bolts
3	1	Crossbrace Back	11	8	1/2" x 1-1/2"	Hex Head Bolts
4	1	Crossbrace Front	12	2	5/8" x 1-1/2"	Hex Head Bolts
5	1	Centerplate	13	2	1/2" x 8-1/4"	U Bolts
6	1	Right Side Bracket 1	14	18	1/2"	Hex Nuts
7	1	Left Side Bracket 1	15	6	5/8"	Hex Nuts
8	2	Side Bracket 2	16	18	1/2"	Lock Washers
			17	6	5/8"	Lock Washers
			18	6	5/8"	Flat Washers
			19	1	R-07	"O" Ring
			20	2	GMC	Spacer

1. Drill an 1/8" pilot hole, centered between the wheel wells as follows:
 44-1/8" from rear of truck bed on short box trucks
 49-1/8" from rear of truck bed on long box trucks

2. Drill two $\frac{1}{2}$ " holes 5" and 5 $\frac{3}{4}$ " 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 $\frac{3}{4}$ " 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. Cut out and remove the section of heat shield over the rear axle between the two box support braces.
6. Slide 2-1/2" x 2-1/2" cross member with center circular receiver notch cut out (Rear cross member) through notch, (Open angle will face towards front of truck) move towards back of truck. 2" x 2" cross member can now be slide in (Open angle facing front of truck, same orientation as rear cross member)



7. From underneath truck insert $\frac{1}{2}$ " bolt through the driver's side of the front cross member. Slide the rubber O-ring over bolt as shown in picture below. Make sure "O"-ring is tight against cross member so the nut can be tightened properly. The "O" ring is used to hold the bolt in place over the fuel tank where accessibility is eliminated once the center plate is bolted to the cross member.



8. Install cross members to center plate with $\frac{1}{2}$ " bolts and lock nuts. (Do not tighten.
9. Insert carriage bolts through end of each cross member. On each side of the rear cross member, slide (2) $\frac{5}{8}$ " washers over the carriage bolt below the cross

member before attaching side plates. These spacers are required to level the center plate.

10. Bolt side plates together, tighten and attach to cross members as shown in the above illustration. **HAND TIGHTEN ONLY.**
11. Insert GMC spacer item #21 into slotted hole in frame behind factory box support brace and bolt bracket to the frame using a 5/8" x 1-1/2" hex bolt, lock washer and hex nut. Repeat on both sides of truck.
12. From outside of truck, insert 1/2" x 5" hex bolts through top and bottom holes in the side of side bracket, above and below the frame, through the backing plate and fasten with a lock washer and nut. Repeat on both sides of truck
13. Ensure all bolts are tightened now.
14. 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 – 04747

Center Box Part # 750

Mounting Box Part # 747

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

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