

Mumby Manufacturing Ltd.

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INSTALLATION INSTRUCTIONS

MUMBY REMOVABLE BALL GOOSENECK HITCH

Model MUM – 17FSD

Fits 2017 & Newer Ford F250/F350

Front of Truck



Contents Included in Installation Package

PARTS LIST		BOLT PACKAGE		
QTY	DESCRIPTION	QTY	STANDARD	DESCRIPTION
1	Hitch Ball	6	1/2" x 1-1/2"	Hex Head Bolts
1	Safety Chain Plate	6	1/2"	Hex Nuts
1	Crossbrace Front	6	1/2"	Lock Washers
1	Crossbrace Back	10	5/8" x 1-1/2"	Hex Head Bolts
1	Centerplate	4	5/8" x 4"	Hex Head Bolts
1	Passenger Side Bracket	6	5/8" x 1-1/2"	Carriage Bolts
1	Driver Side Bracket	10	5/8"	Hex Nuts
1	Top Driver Front Plate	20	5/8"	Lock Washers
1	Top Passenger Front Plate	6	5/8"	Flat Washers
2	Top Rear Plates			

1. Drill an 1/8" pilot hole in the factory divot in the middle of the indent in the box floor. Drill two 1/2" holes 5" and 5 3/4" to the passenger side of the receiver hole location the same distance from the back of the box as the pilot hole. These holes are used to release the ball latch and to provide a view of the locking pin.
2. Using a 3-1/2" hole saw, cut the receiver hole in the box floor using the 1/8" pilot hole as a guide.
3. Detaching the exhaust bracket may be required for ease of installation.



4. Bolt Side brackets to frame of truck using 4"x5/8" bolts provided and tighten.
Driver's Side



Passenger Side



5. Slide top front driver plate between box floor and top of Mumby/factory side brackets so holes in plate line up with the hole in the Mumby bracket and slotted hole in the factory bracket. Attach the plates loosely to the side brackets with 5/8" x 1-1/2" bolts, flat washers and lock washers.



6. Insert two 5/8" carriage bolts into slots in plate, from the top down and repeat step 6 with front top passenger plate



7. Repeat step 7 with back top passenger and driver plates. (Both are the same)



8. Once all four plates are installed the driver's side should look like this:



And the passenger side like this:



9. Fasten the front angle brace (**open angle facing the BACK OF THE TRUCK**), to the carriage bolts in top plate on the passenger side. Attach the driver's side with 5/8" x 1-1/2" hex head bolts, lock washer and flat washer as shown. This brace has a rectangular notch cut out and two slotted holes to driver's side of the truck.



10. Attach the back angle brace to the 4 carriage head bolts in the top rear plates, (**open angle facing the FRONT OF THE TRUCK**).
11. Attach the center plate to the front and back angle brace using (6) 1-1/2"x1/2" hex bolts, 1/2" lock washers and nuts as shown, with release mechanism on passenger side.



12. Tighten the center plate to the cross members. Center the receiver bushing in the hole in the floor and tighten all remaining bolts.
13. Attach exhaust bracket if detached.

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 – 17FSD

Center Box Part # 1050

Mounting Box Part # FSD

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