



BLUE OX[®]

Gooseneck Hitch

DH1205

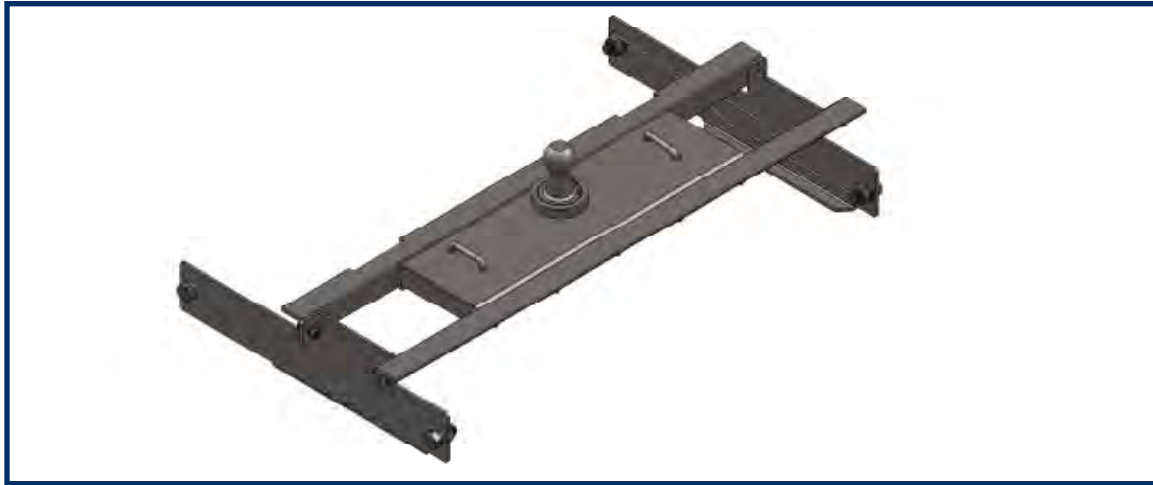
2004-11 Ford F-150 Long and Short
Beds New Body Style Only
(No 2004 Heritage models)

2011 Ford F-150 Raptor SVT

Installation Instructions

Please read these instructions in their entirety before attempting to install or operate this equipment.

Serial Number



The Gooseneck Hitch is rated to 30,000 lbs. Gross Towing Weight and 7,500 lbs. Tongue Weight.



WARNING

Refer to your vehicle's owner's manual for maximum towing capacity. **DO NOT** overload your vehicle - failure to follow vehicle manufacturer's recommendations could result in damage to your vehicle, personal injury or death.



WARNING

Failure to read and follow these instructions could result in separation of the trailer from the truck, causing property damage, loss of towed vehicle, personal injury or death.

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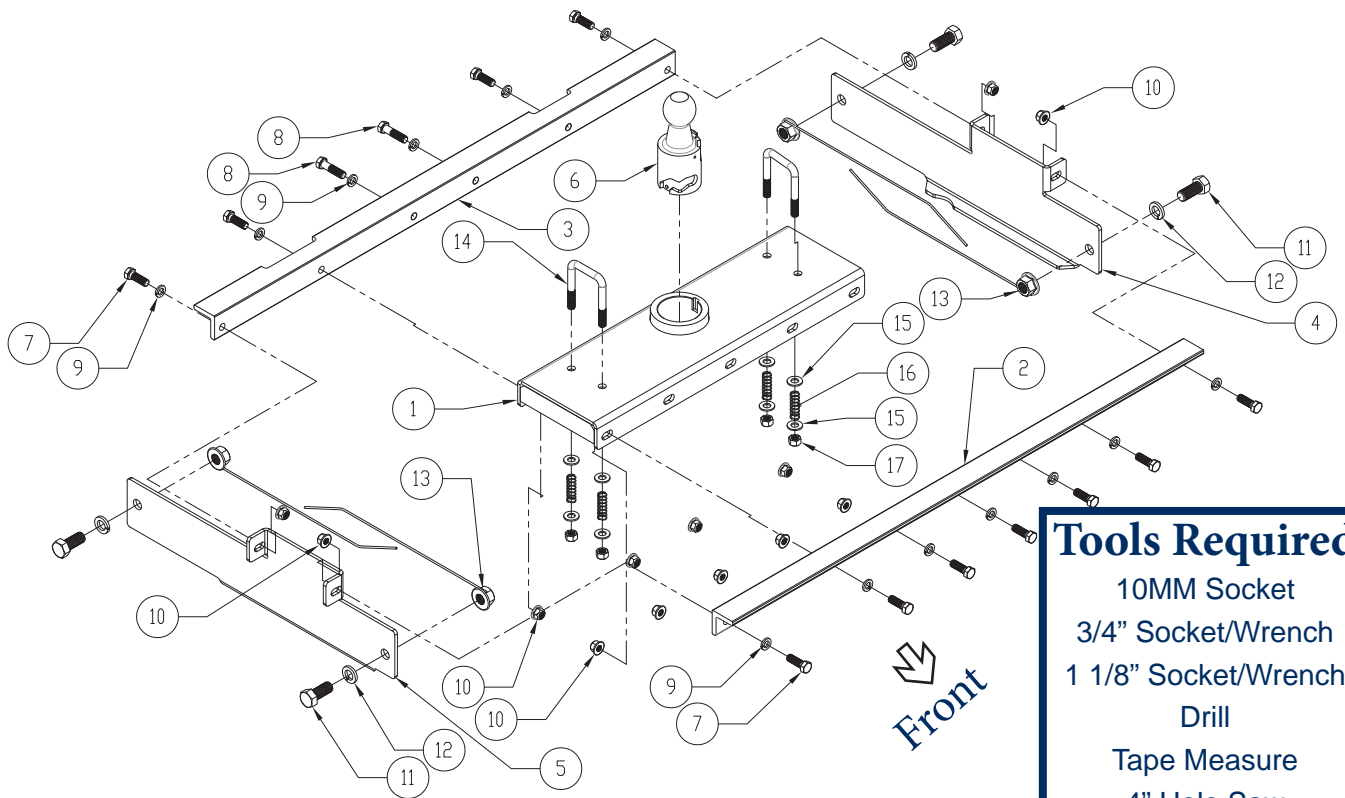
1. Trailer brakes are required.
2. Insure vertical clearance for the ball when in the stored position by verifying it will not hit brake lines etc.
2. Do not use any open flame under the truck bed to cut or weld. There is extreme danger of explosion or fire.
3. Vehicle must be securely blocked and brakes set before beginning to work underneath the vehicle.
4. Do not clamp hitch over any wiring or brake lines.
5. Always make sure trailer is loaded slightly tongue heavy. Do not pull a trailer that is lighter on the tongue end.
6. The installer must instruct the operator on proper ball installation and locking procedures.
7. Be sure the user receives all instructional materials.

If the Gooseneck Hitch is in an accident, it must be replaced. DO NOT use it again! An accident can cause unseen damage and using it again could result in more damage or serious injury. DO NOT use the Gooseneck Hitch if it is damaged or missing parts.

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Parts List

Ref. No.	Qty.	Part #	Description
1	1	61-6829	WLDM'T, CROSSMEMBER, DH1205
2	1	105-1547	ANGLE, FRONT, DH1205
3	1	105-1546	ANGLE, BACK, DH1205
4	1	101-7677	PLATE, END, DS, DH1205
5	1	101-7678	PLATE, END, PS, DH1205
6	1	62-3604	BALL ASSEMBLY, DIAMOND HITCH
7	11	201-0051	1/2-13 X 1 1/2 HEX BOLT GRD.5, ZP
8	2	201-0283	1/2-13 X 2 HEX BOLT, GRD 5, ZP.
9	13	203-0012	1/2 LOCK WASHER, ZP
10	13	202-0072	1/2-13 HEX FLANGE WHIZ LOCK NUT, ZP
11	4	201-0514	3/4-10 X 1 3/4 HH BOLT GR 5
12	4	203-0014	3/4 LOCK WASHER, ZP
13	4	61-6859	WLDM'T, 3/4-10 FLANGE WHIZ NUT W/18
14	2	201-0275	U-BOLT, 1/2-13 X 3 3/4 X 2 1/2 ZP
15	8	203-0005	1/2 FLAT WASHER, ZP
16	4	222-0091	SPRING, COMP, .60 OD X 2 L X Ø.049
17	4	202-0094	1/2-13 HEX NYL. INS. LOCK NUT, ZP



- ### Tools Required
- 10MM Socket
 - 3/4" Socket/Wrench
 - 1 1/8" Socket/Wrench
 - Drill
 - Tape Measure
 - 4" Hole Saw
 - 1/4" Drill Bit
 - 19/32" Drill Bit
 - Loctite® RED
 - Plywood

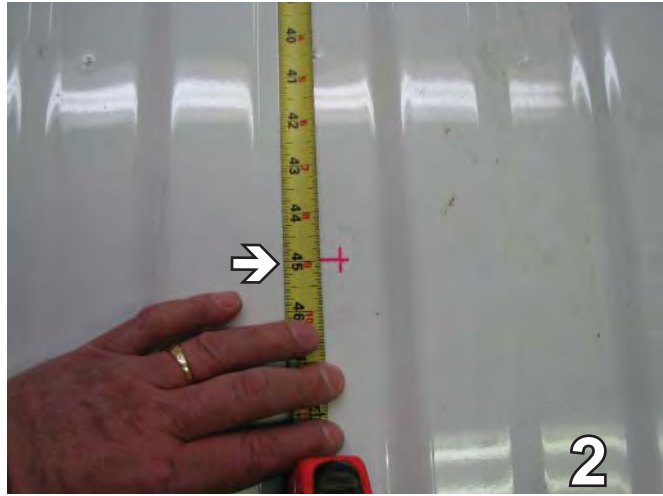
Important:

Use only genuine factory replacement parts on your Gooseneck Hitch. Do **NOT** substitute homemade or non-typical parts. If a bolt is lost or in need of replacement, for your safety and the preservation of your hitch, be sure to use a replacement bolt of the same grade (In most cases it will be Grade 5, please reference the parts list above). Replacement parts may be ordered through your nearest Blue Ox® Dealer or Distributor. Failing to follow and/or altering these installation instructions in either installation or required equipment will void the manufacturer's warranty.

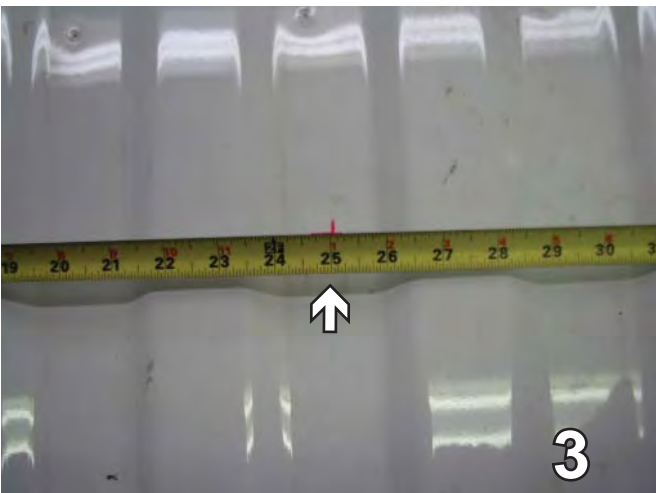
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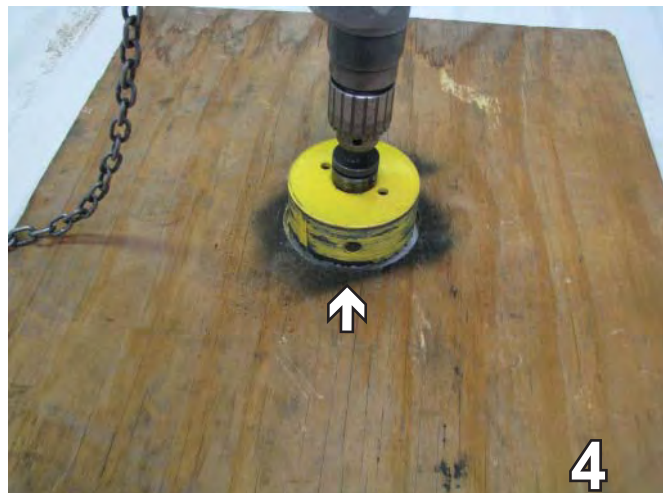
1. Using the jack handle tool which is located behind the driver's back seat, remove the spare tire as per the truck's owner's manual.



2. On the topside of the bed, measure from the rear of the bed (not the tailgate) forward 45" and mark. This is for both short and long bed models with the new body style only. DH1205 will not work with 2004 Heritage model.



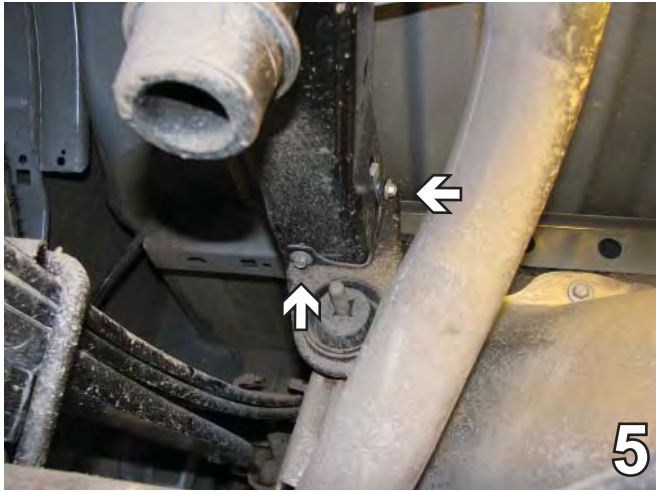
3. Measure from one wheel well to the other and mark the center. It should be at approximately 25".



4. To protect the truck bed, it is recommended to pre-drill a 4" hole in a piece of plywood. Then pre-drill a 1/4" hole as marked in the truck bed. Center the 4" hole in the plywood over the marked area and cut the hole in the truck bed with a 4" hole saw. Using plywood while drilling will help stabilize the hole saw.

When using power drills be aware of the dangers of torque and drill bit length.

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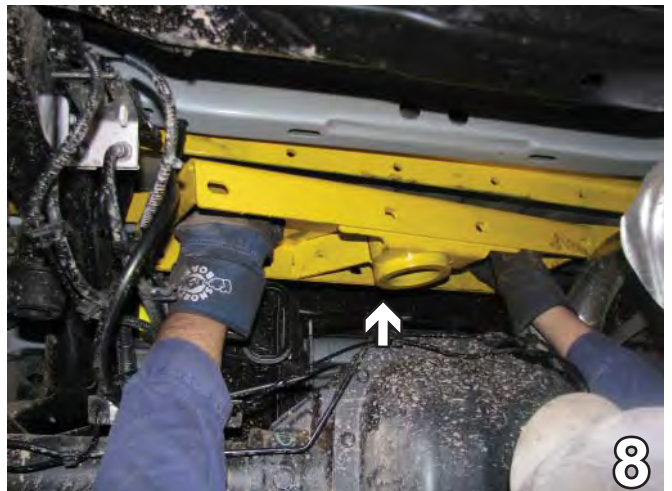
5. Using a 10MM socket remove two bolts from the back exhaust hanger. Set bolts and hanger aside to be reinstalled later.



6. Using a 10MM socket, remove one more exhaust hanger bolt up front by the muffler. Set bolts and hanger aside to be reinstalled later.



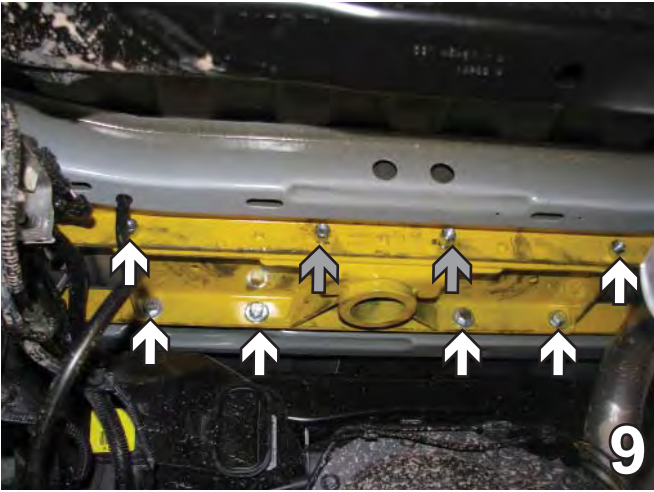
7. Slide the angle irons in from the side and set them between the frame and the truck bed. The one with the notches (shown) goes to the back of the vehicle. The one with no notches goes in the front of the vehicle.



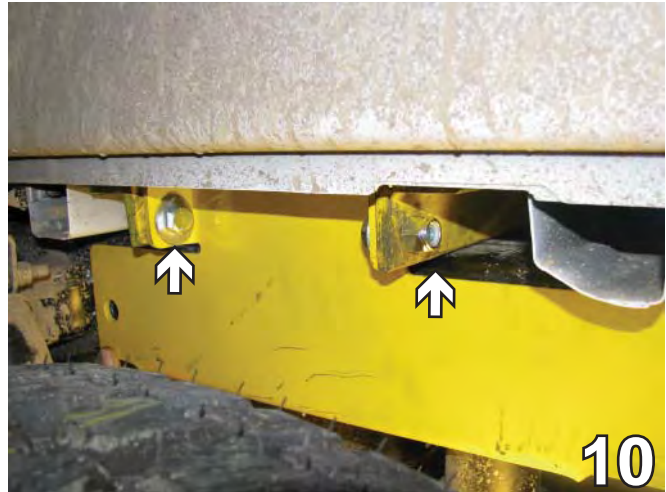
8. Slide the cross member in, align with the 4" drilled hole and hold in place.

Gooseneck hitch painted yellow for illustration. Actual hitch will be powder-coat black.

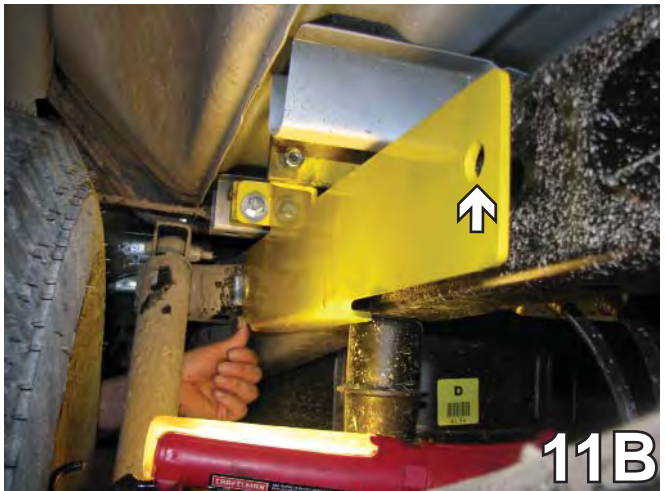
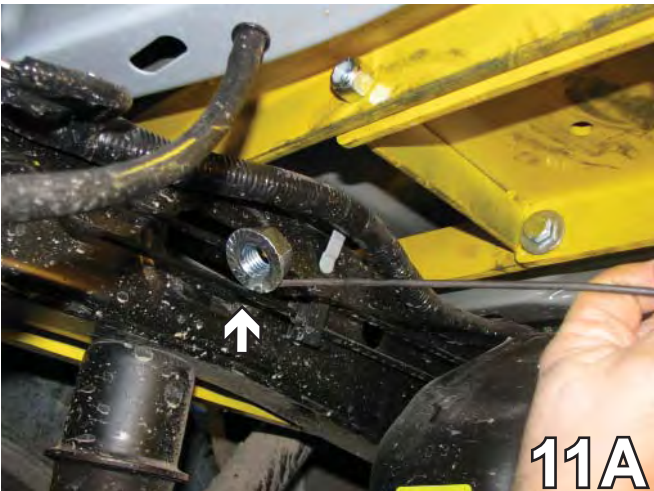
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9. Shown from the back of vehicle, start 1/2-13 x 1 1/2" hex bolts (white arrows) and 1/2" lock washers through the angle irons first then the cross member and attach with 1/2-13 lock nuts on the inside, leave them loose. In the back two middle holes, insert 1/2-13 x 2" hex bolts (gray arrows) 1/2" lock washers and 1/2-13 lock nuts.



10. Set the end plate in place between the two angle pieces. Hand tighten 1/2-13 x 1 1/2" hex bolts and 1/2" lock washers and attach with 1/2-13 lock nuts. Do this on both sides. The driver side is shown.

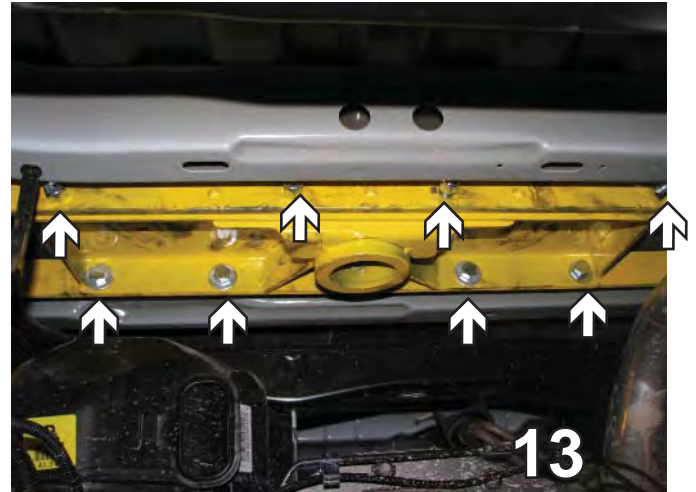


11. Insert the whiz nuts inside the large hole on the frame rail and align with the outside holes on the end plates. Start the four 3/4-10 x 1 3/4" hex bolts with 3/4" lock washers and attach to whiz nuts with wire on the inside, then tighten. Use Loctite on all bolts. Do this to both sides.

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12. Use Loctite on all bolts. Tighten all bolts connecting plate ends to the angle irons (white arrows). Do this on both sides. The driver side is shown.



13. Finally tighten the bolts in the cross member. Use Loctite on all bolts.

BE SURE TO USE LOCTITE® RED ON ALL BOLTS BEFORE TIGHTENING. TIGHTEN ALL BOLTS ACCORDING TO TORQUE SPECIFICATIONS.



14. Using the cross member as a template, drill with a 19/32" drill bit the two holes for the u-bolts. Do this on both sides.



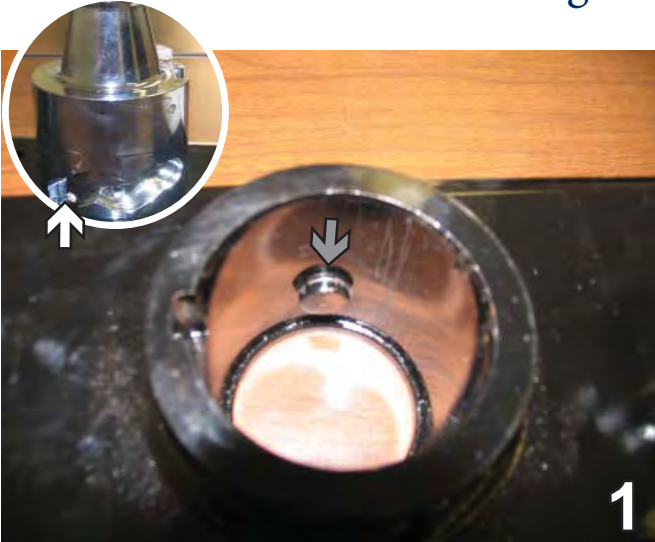
15. Insert the 1/2-13 U-bolts from the top side of the truck bed and attach the 1/2" flat washers, springs, 1/2" flat washers and 1/2-13 lock nuts below.

16. Hook the exhaust back up using the existing brackets and existing hangers.

17. Reinstall the spare tire to its original location.

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Installing the Revers-A-Ball



1. Align pin (see grey arrow) with slot in hitch (see white arrow). Drop into receiver cylinder and depress locking tab.



2. Twist the ball 30 degrees clockwise while lifting slightly until ball drops into position and locking tab snaps in place.

Removing the Revers-A-Ball



1. Push in the locking tab and then lift and rotate the ball assembly counterclockwise. Continue rotating and lifting until the ball stud clears the receiver cylinder.

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Storing the Revers-A-Ball



1. Align pin with storage slot in hitch.



2. Push in the locking tab and let the ball assembly drop into the receiver cylinder.

3. Pull the ball straight up to remove it from the stored position.

Customer Service Commitment

Blue Ox is committed to providing you with exceptional customer care throughout your lifetime with our products. Our team is here to assist you with any questions you may have regarding the performance of your product. Simply call 1-402-385-3051 and you can speak with our customer care team.

Additionally, please visit our website to see which rallies our Destination America team will be attending. For a nominal fee, our service technician will service your towing system to ensure it's in proper working condition. Also, as a commitment to our customers, should you visit our factory you can stay at our full service Blue Ox campground at no charge along with enjoying a factory tour.

Again, thank you for being our customer and for the confidence you have shown in the performance of our products. It is because of customers like you we enjoy the success we have today.



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