

# INSTALLATION MANUAL

# 60663

## Level of Difficulty

Easy

## Weight Capacity

Gross trailer weight (GTW)	30,000 lbs.
Vertical load	7,500 lbs.

## Parts List

Item	Qty	Description
1	1	Cross arm, driver side
2	1	Cross arm, passenger side
3	1	Offset gooseball
4	1	Extension arm, short
5	1	Extension arm, long
6	2	Carriage bolt, M10
7	2	Hex head bolt, M10
8	4	Nylon lock nut, M10
9	6	Flat washer, M10

## Tools Required

Ratchet	Socket set
Torque wrench	--

## Torque Specifications

M10 bolt	35 ft-lbs.
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Use above torque setting unless otherwise noted

## Product Registration

CURT stands behind our products with industry-leading warranties. Provide feedback and help us to improve our products by registering your purchase at: [warranty.curtgroup.com/surveys](http://warranty.curtgroup.com/surveys)

## ⚠ WARNING

Never exceed the vehicle manufacturer's recommended towing capacity. This may result in separation, damage to 5th wheel hitch, vehicle, trailer and / or cause serious injury or death.

Provide this entire installation manual to the end-user. Fully instruct and demonstrate the operation of this 5th wheel hitch to the end user. Include the importance of observing all warnings contained herein, including warning labels on 5th wheel hitch mid section. Serious injury or death may result if the warnings below are not observed.

Do not expose hands, body parts or clothing anywhere between the truck and trailer. Extreme care should be observed to avoid serious injury to self, property and observers.

Never position yourself or others under the trailer's kingpin area (danger zone) during coupling and uncoupling. Improperly coupled trailers can separate and drop without notice.

## Product Photo



## NOTICE

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

To help prevent damage to the product or vehicle, refer to the specified torque specifications when securing hardware during the installation process.

## Maintenance

To protect the product, wax after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

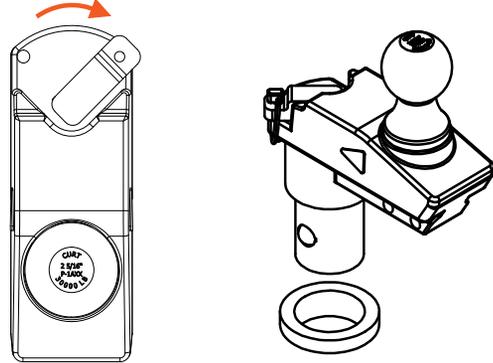
# ASSEMBLY

## Parts List

Item	Qty	Description
1	1	Cross arm, driver side
2	1	Cross arm, passenger side
3	1	Offset gooseball
4	1	Extension arm, short
5	1	Extension arm, long
6	2	Carriage bolt, M10
7	2	Hex head bolt, M10
8	4	Nylon lock nut, M10
9	6	Flat washer, M10

## Step 1

Remove the locking pin from the offset gooseball. Unlock the offset gooseball handle and insert the gooseball into the gooseneck collar in the bed of the truck. The arrow located on the side of the gooseball will be pointing towards the cab of the vehicle.



## Step 2

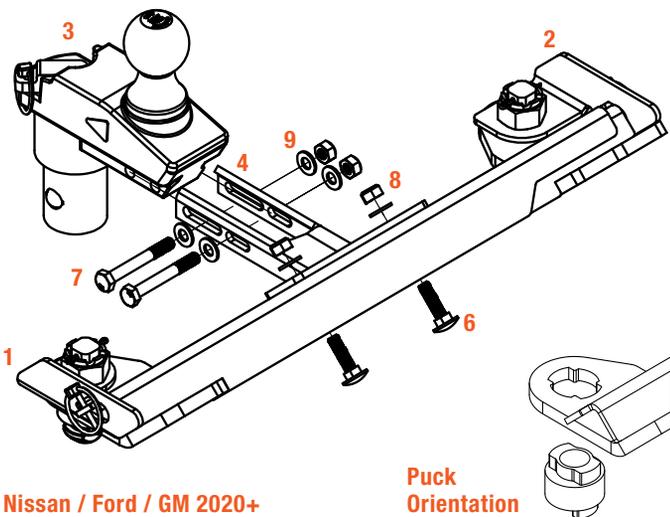
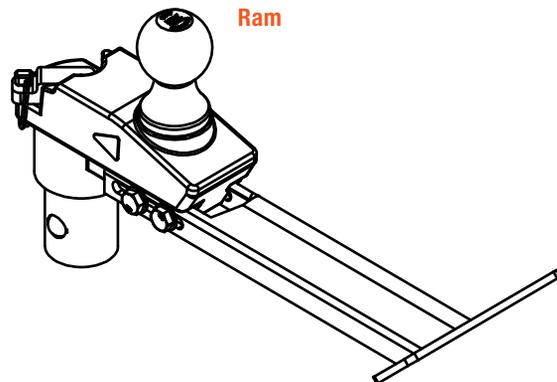
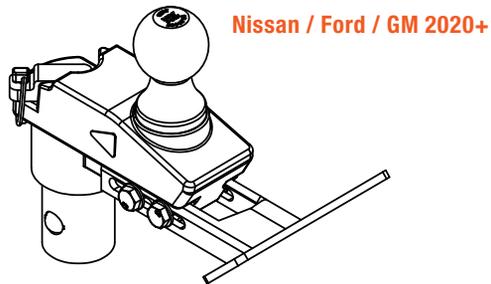
Insert the extension arm into the channel on the front of the gooseball.

**For Nissan / Ford/ GM 2020 +** use the short extension arm (#4).

**For Ram** use the long extension arm (#5).

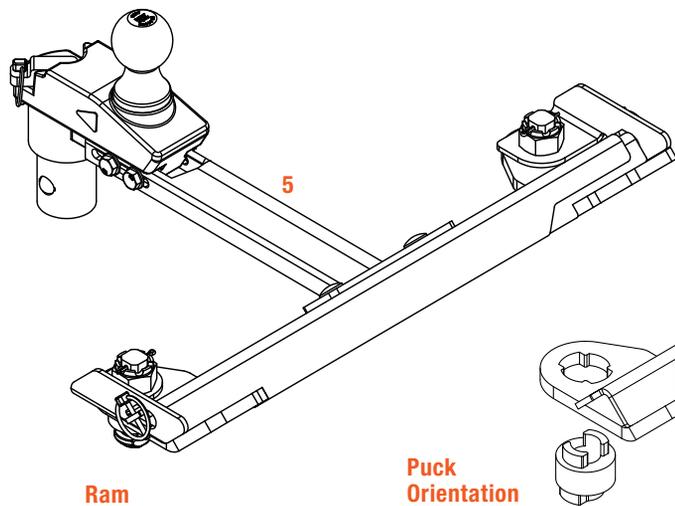
Secure the extension arm using two M10 hex bolts (#7), four M10 flat washers (#9) and two M10 nylon lock nuts (#8).

Snug the hardware but do not fully tighten.



Nissan / Ford / GM 2020+

Puck Orientation



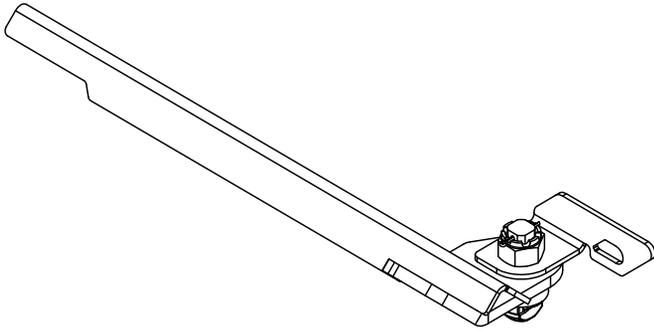
Ram

Puck Orientation

### Step 3

Remove the handle lock pin and unlock the handle on the passenger-side cross arm (#2). Mount the cross arm assembly into the pucks in the bed of the truck.

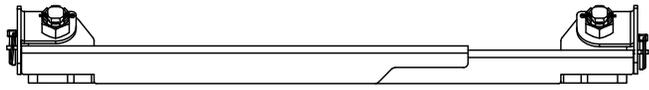
Close and secure the handle using the handle lock pin.



### Step 4

Repeat step 3 to mount the driver-side cross arm (#1).

**Note:** The driver-side cross arm will overlap the passenger-side cross arm (#2).



Driver side

Passenger side

**Note:** Slight resistance should be felt as the handles are rotated closed. If the handles will not close with moderate pressure, you must adjust the locking T-bolt; see 'T-bolt Adjustment'.

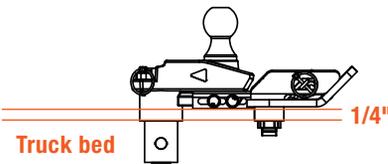
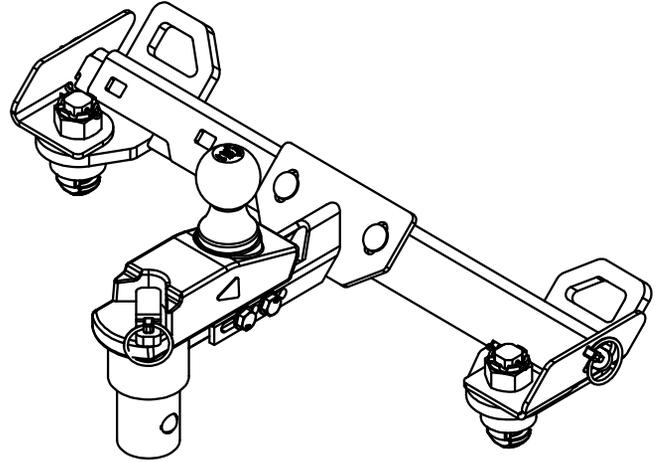
#### **WARNING**

Forcing the handle closed may damage the locking bolt and handle, possibly resulting in trailer detachment. Confirm both locking bolts are engaged in the truck bed puck mounts and the castle nuts are secured with the cotter pins. Ensure both handles are securely locked with the safety pin.

### Step 5

Slide the extension arm forward until the face meets the flat of the cross arms.

Secure the extension arm to the driver- / passenger-side cross arms using two M10 carriage bolts (#6), two M10 flat washers (#9) and two M10 nylon lock nuts (#8). Torque all M10 hardware to 35 ft-lbs



**Note:** Ensure extension arm does not rest on truck bed. Recommended minimum is a 1/4" gap.

### T-Bolt Adjustment

The locking T-bolts are pre-installed to ease installation. Due to possible variation in the truck's mounting locations, some adjustments may be required. If one or more of the locking handles will not close, begin adjustment by removing the cotter pin securing the castle nut above the handle. See figure below.

Next, loosen the castle nut 1/4-turn while pressing down on the T-bolt. Reattempt to close the locking handle. If the handle closes, re-secure the castle nut with the removed cotter pin. If the handle does not close, loosen the castle nut 1/4-turn while pressing down on the T-bolt and reattempt to close the locking handle.

