

# CLASS 2 TRAILER HITCH

## R2-0501

Toyota Camry

### TOOLS REQUIRED:

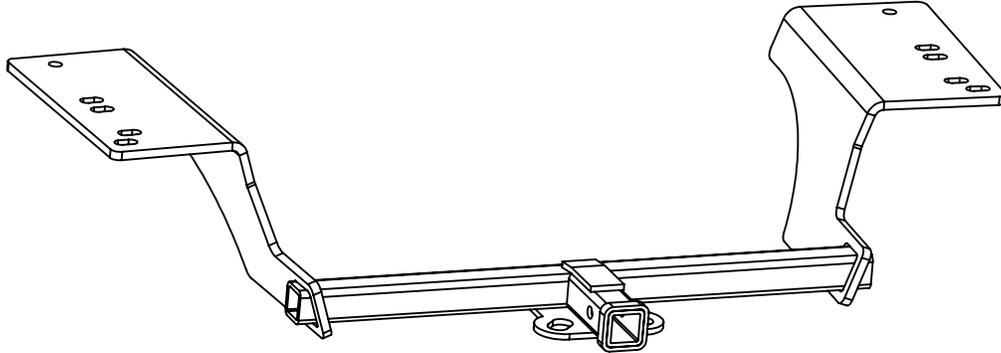
DRILLS: 1/4", 1"

WRENCHES: 10mm, 12mm, 14mm, 17mm

**3,500 LB GROSS TRAILER WEIGHT, 300 LB TONGUE WEIGHT. WARNING: CONSULT VEHICLE OWNERS MANUAL FOR TOWING RECOMMENDATIONS AND LIMITATIONS. THIS PRODUCT IS DESIGNED FOR TRAILER TOWING ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.**

### WARNING: USE ONLY RIGID HITCH APPROVED AND MANUFACTURED DRAW BAR INSERT OR WARRANTY WILL BE VOID

NOTE: INSTALL PARTS LOOSELY UNTIL ALL ATTACHMENTS HAVE BEEN MADE TO VEHICLE



1. If the appearance panel covers the frame rail on the driver's side remove the panel and return to vehicle owner or trim to fit around the hitch side plate for reinstallation later.
2. Lower the exhaust by removing the two bolts on the exhaust hanger bracket and remove the rubber isolator on the forward side of the exhaust canister. Remove the rearward rubber isolators from the muffler leaving them attached to the exhaust bracket (for dual exhaust repeat on the other side).
3. Remove the heat shield(s).
4. Raise the hitch into position and install M10 hex bolts into the existing weld nuts in the frame rails (the exhaust hanger is not needed at this step).
5. Using the hitch as a template mark and center punch the forward mounting holes on each side. Drill a 1/4" pilot hole in each frame rail.
6. Lower the hitch and drill a 1" diameter hole at the forward mounting locations. Use the frame rail as a template to mark and drill the hole in the heat shield for the 7/16" carriage bolt.
7. Using the fish wires provided insert a 7/16-14 carriage bolt and block plate into the forward mounting holes, and leave the fish wires attached.
8. Reinstall the appearance panel if it was trimmed to fit around the hitch side plate.
9. Raise the hitch back into position threading the fish wires through the forward mounting holes in the hitch. Secure with the four M10 hex bolts and conical washers through the exhaust bracket and hitch into the existing weld nuts in the frame rails. Remove the fish wires and secure the forward carriage bolts with the 7/16" heavy hex nuts and conical washers.
10. Tighten all fasteners to the appropriate torque specifications shown below.
11. Reinstall the heat shield(s) using the M6 x 1.0 x 40mm hex bolt(s) provided.
12. Raise the exhaust back into position and reattach the rubber isolators.

### TIGHTEN ALL FASTENERS TO THE TORQUE SPECIFICATIONS SHOWN BELOW

#### Hardware Package:

- |                                     |                             |
|-------------------------------------|-----------------------------|
| (4) M10 x 1.25 x 40 Hex Bolts       | (2) 7/16" Conical Washers   |
| (4) 3/8" Conical Washers            | (2) 7/16" Heavy Hex Nuts    |
| (2) 7/16-14 x 1-1/2" Carriage Bolts | (2) 7/16" Fish Wires        |
| (2) 1/4 x 1 x 2-1/2 Block Plates    | (2) M6 x 1.0 x 40 Hex Bolts |
|                                     | (1) R2-0206 Draw Bar Kit    |

### GIVE THIS INSTRUCTION SHEET TO VEHICLE OWNER

BOLT TIGHTENING TORQUE (LB-FT)			
BOLT SIZE	TORQUE	BOLT SIZE	TORQUE
3/8"	25 LB FT	8MM	20 LB FT
7/16"	50 LB FT	10MM	38 LB FT
1/2"	60 LB FT	12MM	68 LB FT
3/4"	120 LB FT		

**THIS PRODUCT COMPLIES WITH SAFETY SPECIFICATIONS AND REQUIREMENTS FOR SAE AND VESC REGULATION V-5 FOR CONNECTING DEVICES AND TOWING SYSTEMS. DO NOT MODIFY THIS PRODUCT. INSTALL ONLY ON SPECIFIED VEHICLES IN GOOD CONDITION.**

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