PRIUSOVERLANDING.COM GEN 3 TRAILER HITCH INSTALLATION

All products built and designed by PriusOverlanding.com are intended for off-road use and should be assembled, installed, and used according to PriusOverlanding.com's recommendations. PriusOverlanding.com products should be used safely with good judgment towards others and the environment. By installing PriusOverlanding.com Products on your vehicle you assume all liability. PriusOverlanding.com will not be held liable for damages or loss associated with the installation or use of its products.

HITCH INCLUDED HARDWARE

2” INCH TRAILER HITCH	1

REQUIRED TOOLS NEEDED

SAFETY GLASSES
17MM AND 19MM SOCKETS
TORQUE WRENCH
PRY BAR
5-INCH EXTENSION
SOCKET WRENCH

DO NOT USE IMPACT.

EXCESSIVE TORQUE MAY RESULT IN FAILURE AND CAUSE THE OEM NUT WELDED TO THE FRAME TO BECOME DISLODGED!

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INSTRUCTIONS

LOWER PLASTIC MARK A 5” WIDE BY 3-1/4” TALL SQUARE AT THE CENTER OF THE BUMPER ON THE BOTTOM PLASTIC COVER FOR TRIMMING IN A LATER STEP.	REMOVE THE (6) PLASTIC CLIPS ON THE BOTTOM PLASTIC COVER, (4) PLASTIC SCREW CAPS AND (1) 10MM NUT.	LOWER PLASTIC COVER TO EXPOSE THE AREA FOR HITCH INSTALLATION.
LOWER THE EXHAUST USE THE PRY BAR TO REMOVE THE ISOLATOR ROD FROM THE RUBBER EXHAUST HANGER FOUND ABOVE THE EXHAUST MUFFLER. YOU MAY NEED TO USE SOAPY WATER TO LOOSEN THE ROD.	**REMOVE THE EXHAUST BRACKET** USE THE 17MM SOCKET AND 5-INCH EXTENSION TO REMOVE THE BOLTS HOLDING THE EXHAUST BRACKET IN PLACE. SET THE BRACKET ASIDE, AS YOU WILL BE REINSTALLING IT.	REMOVE THE TOW HOOK USE THE 17MM SOCKET AND 5-INCH EXTENSION TO REMOVE THE TWO BOLTS HOLDING THE TOW HOOK IN PLACE. THE TOW HOOK IS LOCATED ON THE DRIVER SIDE. STORE THESE IN A SAFE PLACE, AS YOU WILL NOT BE REINSTALLING THE TOW HOOK.

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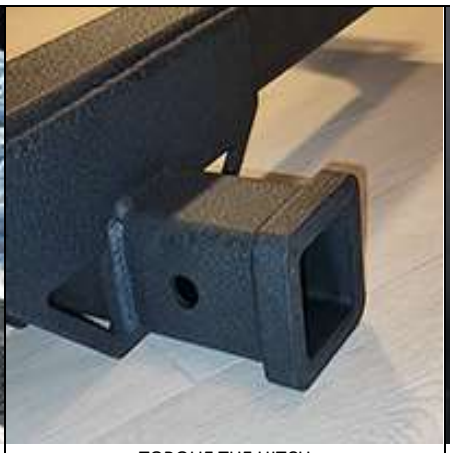
POSITION THE HITCH

LIFT THE HITCH INTO POSITION. PUT THE EXHAUST BRACKET BACK IN PLACE SANDWICHING THE HITCH BRACKET BETWEEN THE FRAME RAIL. ATTACH USING THE OEM BOLTS. REPEAT ON THE DRIVER SIDE WHERE THE TOW HOOK WAS PREVIOUSLY..



TORQUE THE HITCH

THE TORQUE HITCH FITTED WITH THE 17MM SOCKET AND TORQUE THE M12 BOLTS TO 72 FT. LB. YOU SHOULD HEAR A CLICKING SOUND AFTER THE CORRECT AMOUNT OF TORQUE IS APPLIED.

WITH THE EXHAUST BRACKET AND HANGER BACK IN PLACE, RAISE THE EXHAUST BY RETURNING THE ISOLATOR ROD TO THE EXHAUST HANGER. THE EXHAUST SHOULD NOT TOUCH THE HITCH.

[SPECIAL NOTE]

**** WEIGHT LIMITS ****

THE FURTHER YOUR LOAD EXTENDS FROM THE TRAILER HITCH, THE LIGHTER YOUR LOAD NEEDS TO BE. IF YOUR LOAD IS WITHIN 3 FEET(OR 18" FROM HITCH TO CENTER OF LOAD), THE MAX. LOAD IS 530LBS. IF YOUR LOAD EXTENDS BEYOND 4 FEET(OR 24" FROM HITCH TO CENTER OF LOAD), THE LIMIT DROPS TO 150LBS. THE FURTHER AWAY THE LOAD IS FROM TRAILER HITCH THE HEAVIER THE LOAD IS ON IT AND YOUR VEHICLE.

****NOTICE OF METAL BENDING REQUIRED****

ON SOME MODELS, THE LITTLE METAL LIP ON THE SPARE TIRE WELL MAY REQUIRE SLIGHT HAMMERING TO FLEX INWARDS TOWARDS THE FRONT OF VEHICLE IN ORDER FOR THE HITCH TO ALIGN WITH BOLT HOLES PROPERLY.

[SPECIAL NOTE]

****NOTICE OF MAINTENANCE REQUIRED****

PERIODIC TIGHTENING OF THE BOLTS BOLT WITH A TORQUE WRENCH TO AT LEAST 70-72LBS EVERY FEW MONTHS IS NEEDED TO PREVENT MOVEMENT OF THE TRAILER HITCH.

****NOTICE OF CUTTING REQUIRED****

SOME CUTTING IS REQUIRED ON EXHAUST BRACKET TO FIT AROUND THE HITCH PROPERLY

[SPECIAL NOTE]

OUR HEAVY DUTY SPRING COMPARED TO AN OEM SPRING, FOR ADDITIONAL CLEARANCE AND SUPPORT, WE RECOMMEND OUR HEAVY DUTY LIFT SPRINGS.

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WARNING Your vehicle may have a lower tow rating than this trailer hitch. If your vehicle’s tow rating is less than the rated towing capacity on your Torklift Central trailer hitch, your trailer hitch capacity is limited to your vehicle’s factory rated towing capacity.

FOR EXAMPLE: the label on your PRIUSOVERLANDING.COM trailer hitch states it's capacity is rated for 500 pounds tongue weight and 5,000 pounds towing weight. However your vehicle's factory rated towing capacity is limited to only 350 pounds tongue weight and 3,500 pounds towing weight. In this example your maximum towing capacity of your PRIUSOVERLANDING.COM trailer hitch is limited to 350 pounds tongue weight and 3,500 pounds towing weight as stated by your vehicle’s maximum factory tow rating.

*DANGER*Never exceed your vehicle's manufacturer's recommended towing capacity which may be a lower rating than this trailer hitch

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