



## Rear Differential Skidplate Install Instructions

**2008+ WRX/STi/Impreza**

**2005+ Legacy, Legacy Outback (excluding 2010-12 and 15+ 4cyl CVT)**

**2009+ Forester**

**2013+ XV Crosstrek**

Hardware: 2 M10 x 1.5 bolts 95mm with 2 nuts and 4 washers

1 – Jack up vehicle and place securely on jack-stands (or ramps). Never work under a car while supported only with a jack.

2 – Using a 17mm end-wrench or socket loosen the two nuts holding the rear differential to the rear sub-frame, the rear-facing ones up high. You don't need to but can completely remove them, the more room you give yourself easier it will be to wedge the plate in place.

3 – Using a pry bar, piece of wood, or long screwdriver pry the rear diff forward, it will slide along the rear studs. Pry against the loosened nuts to not damage ends of threads. You only need to move the diff forward a little, just enough to slide the Skidplate into place between the rear differential cover and the bushing (about 3/16" of an inch). Some people use RACHET STRAPS to pull the diff forward.

3a – Now comes the tricky part, while you're prying the rear diff forward slide the Skidplate up into position between the rear differential cover and the bushings. The slots will fit up around the studs, be sure to push the Skidplate all the way up, If you can easily access the "fill" and "drain" bolts then you know it's pushed up enough. Release your prybar and the plate will likely just hang there as the bushing presses back against it.

4 – Next you will use the long M10 bolts, washers and nuts included with your plate. Line up the front mounting holes with the two holes near the u-joint of your driveshaft. Insert the **bolt and washer** from the underside though the hole and while reaching above and screw the nut onto the bolt utilizing the last washer. Now repeat for the other side. Using a 17mm wrench hold the nut in place while tightening the bolt from the bottom. Snug bolts securely.

5 – Now you can re-tighten the rear sub-frame nuts. *30Ft/lbs is plenty for all hardware*

Don't forget this part! Clean up your tools, grab a frothy cold beverage of your choice and enjoy your new Primitive Racing rear Skidplate.

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