



## Master Your Terrain

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### Heavy Duty Chassis Stiffnerz Jeep Cherokee

#### Installation Instructions

Congratulations for purchasing a TNT. Heavy Duty Chassis StiffnerZ for your Jeep® Cherokee. Please observe proper shop safety procedures when performing this install. Use proper eye and hearing protection as required and use safe jack stands/supports, place appropriately for supporting the vehicle while you work on it.

#### STEP 1

Start by placing the vehicle in an area that it can be worked on safely.

Support the transmission and remove the transmission crossmember and if installed the transfer case skid.



**STEP 2**

Begin by removing the paint and or undercoating applied to the Uni-body as shown in the following pictures. For best results the Uni-rails should be ground to bare metal.



Forward Uni-rail section



Center Uni-rail section



Rear uni-rail section

After the Uni-rail section has been prepped place the StiffnerZ™ to be installed up to the body and ensure that all edges around the StiffnerZ™ are clean and prepped for welding, grind as needed.

**STEP 3**

Install the StiffnerZ™ as shown below by aligning the 3 slots with the nut inserts in the frame so that the transmission crossmember fasteners can still be installed.





When properly installed the rear most tab on the vertical leg of the Stiffner should bottom out against the rear spring hanger as shown below.



**STEP 4**

Using a floor jack and a block of wood, place the jack as shown in the picture below:



Jack the StiffnerZ™ into position which will form the StiffnerZ™ to the contour of the body, as shown in the following pictures.





Ensure the rear cutouts fit around the rear spring hanger as shown:



When the StiffnerZ™ are in position begin stitch welding them onto the body. Take necessary precautions associated with welding on a vehicle. TNT recommends that welding be done by a qualified welder. Once the StiffnerZ™ are welded into position paint or undercoat them as desired. Reinstall all transmission mounting parts removed earlier and enjoy a noticeable improvement to your chassis.



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