

Fitting Instructions – Twin Shorty Exhaust (DPF Back)

Tools required:

10mm socket and/or spanner
14mm socket and/or spanner
Stanley knife or air saw
Loctite (optional)
Anti-seize

*316 Engineering takes no responsibility in the suitability of this product for your requirements.
We recommend you check your local state laws prior to fitting this product.*

Step 1.

Unplug O2 sensor and remove factory exhaust from DPF back. Retain the two nuts from the first factory rubber mount and the O2 sensor.

Step 2.

Install the first section of the exhaust onto the factory DPF and first mount using the 2 x M10x1.25 bolts and factory M6 nuts retained from step 1. (finger tighten bolts only)

NOTE: Each bolt is recommended to be coated with anti-seize, handle with care to ensure the coating remains on the bolt.

Step 3.

Install O2 sensor, tighten, and reconnect plug.

Step 4.

Install the supplied chassis mounts, align the bend in lower tabs to slot into the rectangular chassis holes. Ensure brake lines have sufficient clearance on drivers side to prevent rubbing.

2 x M8 bolts/washers & flange nuts are required for this installation, the M8 flange nuts with the welded tags are inserted through the matching rectangular outside chassis hole.

Bend rods to line up the flange nuts to the bolts inside the chassis rail & tighten, flange nuts are self-tightening and do not require a secondary spanner. Snap off welded tags after flange nuts have been tightened.

****Loctite is recommended on the thread of the flange nuts.****

Step 5.

A small radius is required for clearance in the factory plastic spat/guard to allow pipe clearance. This can be done using either an air saw or Stanley knife.

**Step 6.**

Bolt cylindrical rubber mounts to the chassis brackets using the supplied M8 washer and M8 locknut and tighten to the chassis mounts.

Install drivers' side and passenger pipe after radius has been cut in spat/guard.

Ensure the pipe mounting tabs have a M8 washer & locknut holding them to the top of the cylindrical rubber mount.

Use supplied P clip and M8 bolt to hold the excess loop of the Handbrake cable to the floor of the chassis using the factory M8 hole directly above the handbrake cable.

****This needs to be done before Y piece install****

Step 7.

Remove the 90-degree bracket and white clip off the diesel supply line, locate the higher white bracket on top of the cross member and move the diesel line back 2-3 clips and cut off plastic excess if needed.

****the diesel lines sit side by side and cable tie together to allow room for pipes****



Step 8.

Install the Y pipe.

Place one bolt into each hole of the Y pipe flange to hold into place and loosely install the nut, once this done remove the bolts one at a time and slide the gasket in-between the flanges & re-install all 3 bolts.

Once all the gaskets are installed, firm up the bolts but don't tighten, check the alignment of the exhaust, and adjust side to side as needed for correct clearance.

Once the exhaust is aligned, tighten all bolts starting from the DPF working towards the back of the vehicle.