

Fitting Instructions – Single Full Length Exhaust (Turbo Back)

Tools required:

10mm socket and/or spanner
14mm socket and/or spanner
300mm extension bar
Tools to remove wheel
Tools to remove airbag (if applicable)
Anti-seize

This exhaust is a DPF delete system. If your model vehicle is a DPF model, ensure that the required tuning has taken place prior to starting vehicle.

*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. Fitting the Dump Pipe

Ensure the factory 3 bolt gasket remains in place on the turbo studs. Place the dump pipe section onto the studs, aligning the bolts with the holes. Install the 3 x 10mm factory nuts retained from the original exhaust by placing your hand inside the dump pipe and finger tighten. The dump pipe will generally position itself in the correct position, tighten the bolts.

NOTE: a 300m extension bar and knuckle may be required to tighten bolts.

Place the 3 x 3/8" bolts into the flange of the opposite end of the dump pipe with the ends of the bolts pointing in the direction of the exhaust flow.

NOTE: The dump pipe section has a 1/8 NPT female port installed for an EGT gauge, if this is not used, you will need to install a 1/8 NPT brass male plug.

Step 2. Fitting the DPF Delete Section

Remove the 3 x temperature sensors and O2 sensor from the factory DPF and install into the DPF delete section in the same sequence you removed them from the factory DPF.

Generally, this section is easier installed by sliding it over the top of the back of the gear box cross member, ensure that the hanger is placed onto the factory mount and the 2 x M6 nuts are finger tight before attempting to connect this piece to the dump pipe section. Place the supplied gasket between the dump pipe section and the DPF delete section, align the holes and slide the bolts through and install 1 x flat washer and 1 x spring washer on each bolt prior to the nut. Finger tighten.

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

Place the 3 x 3/8" bolts into the flange of the opposite end of the dump pipe with the ends of the bolts pointing in the direction of the exhaust flow.

Step 3. Fitting the Centre Section

Fit the centre section of pipe, the factory rubber mount behind the centre cross member will require a small twist to align the exhaust hanger onto the mount, install the 2 x M6 nuts and finger tighten. Place the supplied gasket between the DPF delete section and the Centre section, align the holes and slide the bolts through and install 1 x flat washer and 1 x spring washer on each bolt prior to the nut. Finger tighten.

Place the 3 x 3/8" bolts into the flange of the opposite end of the dump pipe with the ends of the bolts pointing in the direction of the exhaust flow.

Step 4. Fitting the Tail Section

If you have greaseable shackle pins on your vehicle, the top pin may require to be spun 180 degrees to ensure clearance for the exhaust tail section.

The passenger side rear wheel will need to be removed; air bag will need to be disconnected from the top of the chassis rail (if applicable).

A second set of hands maybe required to fit this section. One person will need to be under the vehicle. The second person will need to gently slide the section of pipe through from the back of the vehicle. Locate rear exhaust hanger first, install the 2 x M6 nuts and finger tighten. Gently locate the second to last exhaust hanger, install the 2 x M6 nuts and finger tighten.

Place the supplied gasket between the Centre section and the Tail section, align the holes and slide the bolts through and install 1 x flat washer and 1 x spring washer on each bolt prior to the nut. Finger tighten.

Step 5. Completing your install

Starting from the front of the exhaust tighten the M6 nuts on all hanger mounts. Starting from the Dump pipe section, tighten all 3/8" bolts on the flanges from front to back.

NOTE: ensure the gasket is aligned correctly with the outside profile of the flange prior to tightening.

Brake cleaner can be used with a clean cloth to remove any fingerprints or contamination from install. Once the exhaust is installed correctly, re-connect airbag (if applicable) and put the rear wheel back on.

Ensure all sensors are connected and appropriate tuning has been completed, start your vehicle. At approx 1000km, re-check tension on the 3/8" bolts to ensure they are still tight.