

INSTALLATION INSTRUCTIONS

Vishnu Turbo Down Pipe
2011 + BMW 135i/335i
Race Application Only
Part # EMC-01B13-0000

Materials supplied:

1. (1) Vishnu Turbo Down Pipe
2. (2) Exhaust Gaskets
3. (4) Bolts
4. (4) Washers/Nut

Equipment needed:

1. Assorted Sockets Deep/Short (13 mm, 12 mm, 8 mm)
2. Assorted Swivels and Extensions
3. Wrenches (13 mm, 12 mm)
4. Torques bit (E18 , E10)
5. Oxygen Sensor Socket



WARNING:

**IF YOU ARE NOT EXPERIENCED IN THE AREA OF
AUTOMOTIVE MECHANICS WE STRONGLY URGE
THAT YOU REFER THIS INSTALLATION TO YOUR
MECHANIC.**

Notes:

- Vishnu Downpipes are for Race Applications only and may not be used on public highways. Please check with your local laws for further information.
- Installation of a Vishnu Downpipe should only be performed by a qualified mechanic experienced in the installation and removal of exhaust components.
- Use of a hoist is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported by safety stands and wheels are blocked.
- Vishnu Downpipe are marked with a part number (located at the middle section of the Downpipe) designating it to face down towards the ground during install.
- After installation, it is always important to inspect all bolts and flanges for exhaust leaks.

Installation: (Note: Be careful exhaust components may be hot)

1. Lift vehicle up and securely support all lifting points. Please make sure that the jack stands are in proper positions before working underneath the car. *(A hydraulic lift is highly recommended but not needed to lift vehicle).*

Warning: Do not work under a vehicle being held up by a jack only. Place jack stands securely under the vehicle in the manufacture specified location.



2. Remove Under Carriage Splash Guard

Next you will need to unbolt the rear flanges attached to the mid pipe and also unbolt the downpipe support bracket attached to the transmission using the torque sockets. (NOTE: Use an extension and swivel for easy access to bolts) See (Fig 1)



3. Next you will need to unbolt the V flange near the turbo. Keep the hardware as it will be reused (Fig.2)



4. Unbolt both O2 sensors that are located after the turbo. See (Fig.3)

Note: use EXTREME caution when handling O2 sensors as they are very sensitive to even light impact.



5. Remove OEM Down Pipe

Next, We will be Installing the Vishnu Downpipe

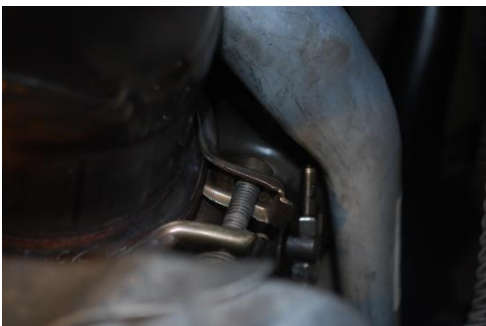
6. Re-Install the Transmission Support Bracket to the Vishnu downpipe loosely. See (Fig. 4)



7. Re-Install O2 Sensors before mounting the Vishnu Downpipe for the sake of easy access

Note: use EXTREME caution when handling O2 sensors as they are very sensitive to even light impact.

8. Mount the Vishnu Down Pipe and slightly tighten the OEM V-Flange several turns to hold it in place
(NOTE: Alignment is key, match all holes on bracket to transmission holes and slightly tighten torque screws) See (Fig 5)



9. Use supplied gaskets and hardware to mount to existing midpipe.
(NOTE: Use an extension and swivel for easy access to bolts) See (Fig 6)



10. Re-Install Torque screws to transmission bracket
11. Re-Tighten all bolts (V-Flange, Midpipes, Transmission Bracket, Torque Screws)
12. Start the vehicle and check your installation for leaks.
13. Done!!! Enjoy the benefits of your new Vishnu Down Pipe