



Pro Oil Pan for Z32/VG30DE(TT)

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Parts List

(Qty)	Description
(1)	BDE-8000 Oil Pan
(1)	BDE oil pan pickup tube
(18)	M6x1.0x25 Studs
(18)	M6x1.0 12 Point Nuts
(2)	-6 ORB Plugs
(1)	-6 ORB x 1/8" FNPT Temp Sensor Adapter
(1)	8mm x 1/4" Drive 12 Point Magnetic Socket
(1)	Red LocTite 271

Tools needed for installation

- 6mm Allen wrench (for ORB plugs)
- 4mm Allen wrench (for studs)
- Wrench for ORB Temp Sensor Adapter
- 10" 1/4" Drive Socket Extension
- 12mm wrench for oil pump pickup bolts
- 10mm wrench for oil pump pickup bolts
- RTV

Painting your oil pan

BDE supplies the oil pan unpainted - you will need to paint the outside of the oil pan to prevent rust.

Stud Installation

- Twin turbo blocks have a set screw that plugs one oil pan bolt hole near the oil filter tree, this set screw will need to be removed and discarded.
- Clean any RTV out of the oil pan bolt holes in the engine block and oil pump, degrease and dry.
- Degrease and dry the studs.
- Fit test the studs into the block and oil pump to ensure all will thread in and leave 11 to 12mm above the gasket surface
- Place a drop of red Loctite 271 onto the stud ends that are opposite the Allen drive ends.
- Install the studs into the block and oil pump with the Allen drive end towards the oil pan.
- **Do not use any Loctite on the 12 point nuts.**

Dipstick

With the Pro Oil Pan bolted to your engine block, test fit the dipstick in its tube to verify it can turn the corner into the oil pan guide tube.

Pickup Tube

Apply a small smear of RTV where the pickup tube bolts to the oil pump as a gasket.

Gasket and End Seals

The BDE Pro Oil Pan uses RTV and OE end seals for gaskets - aftermarket one-piece gaskets are not recommended.