



## VG30DE(TT) REMOTE OIL FILTER ENGINE BLOCK ADAPTER

Note: this adapter will eliminate the oil filter bypass valves located in the OE Twin Turbo filter tree. NA bypass valves are located in the block and you may elect to remove and plug these holes to ensure 100% of the engine oil is always filtered.



### PARTS LIST:

Qty	Description
1	BLOCK MOUNT ADAPTER
1	INLET/OUTLET ADAPTER
4	M8x1.25x18 SS CAP SCREW
2	10-24x1.125" SS CAP SCREW
1	10-24x1.375" SS CAP SCREW
2	VITON O-RING 0.691" (18mm) OD
1	VITON O-RING 0.943" (24mm) OD
1	VITON O-RING 2.637" (67mm) OD

### TOOLS REQUIRED:

6mm Allen socket  
 5/32" Allen wrench  
 Petroleum jelly  
 Oil or grease

## O-RING INSTALLATION

**Important: Always lubricate o-rings with petr oleum jelly before installation!!!**

**Important: Do NOT use silicone on the o-rings!!!**

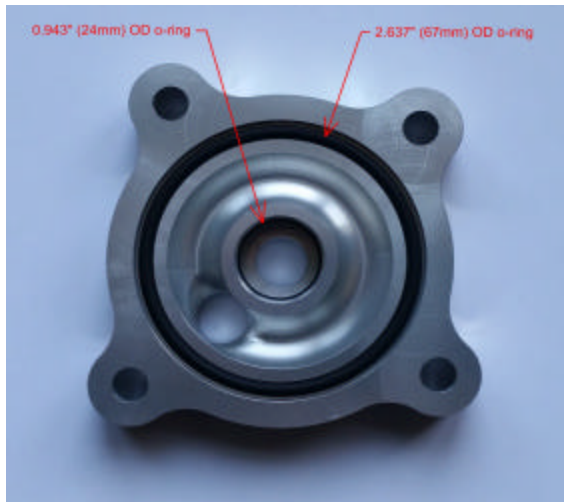


Figure 1 – back o-rings



Figure 2 – front o-rings

- Install the 0.943" (24mm) OD o-ring into the center inside groove on the back of the block adapter (Figure 1). Do NOT use an OE o-ring on this position with the BDE adapter.
- Install the 2.637" (67mm) OD o-ring into the face groove on the block adapter back (Figure 1).
- Install both 0.691" (18mm) OD o-rings into the face grooves on the "BDE" logo side of the block adapter (Figure 2).

## ADAPTER INSTALLATION

**Important: Always lubricate with oil or grease threaded holes and threads on fasteners and fittings prior to installing!!!**



Figure 3– engine block center nipple

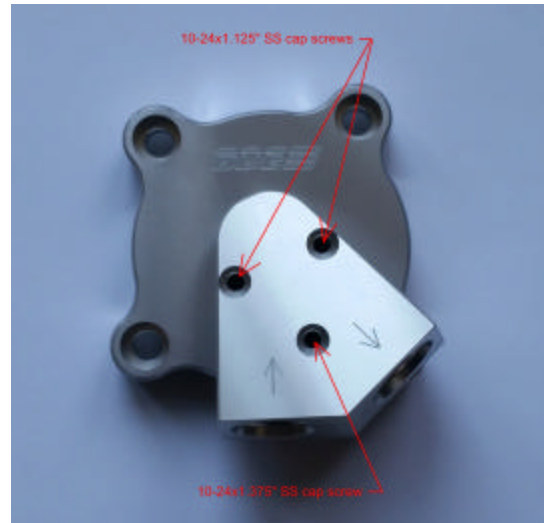


Figure 4– 10-24 cap screw locations

- Verify your engine block's oil outlet has its original center nipple installed (Figure 3), and it has no sharp burrs on it that could damage the Block Mount Adapter's center o-ring which seals on this nipple.
- Lubricate the OD of the center nipple with petroleum jelly.
- Place the Block Mount Adapter onto your engine block with the BDE logo on top (do **NOT** use a factory gasket here).
- Lubricate the four M8x1.25 Allen bolt threads, install and torque to 12 ft-lbs.
- Place the Inlet/Outlet Adapter on the Block Mount Adapter and locate it in the machined pocket.
- Lubricate the threads on the 10-24x1.125" SS cap screws and install into the two holes closest to the center (Figure 4).
- Lubricate the threads on the 10-24x1.375" SS cap screw and install into the hole closest to the engraved inlet/outlet arrows (Figure 4).

AN ADAPTER FITTINGS (not included)




The inlet and outlet bosses are machined for -10 ORB adapter fittings (7/8" -14 threads with o-ring gland) and BDE recommends using no smaller than -10 AN hose on all external oil plumbing.

As always, before installing ORB adapter fittings, lubricate the threads in the inlet and outlet as well as the threads and o-rings on the fittings.

OIL PRESSURE SENSOR MOUNTING

Due to tight clearances around the turbo and block adapter, it is probably easiest to relocate the OE oil pressure sensor to the outlet of your remote oil filter. BDE recommends using a -10 AN gauge adapter and 1/8" male NPT to 1/8" female BSPT adapter to accomplish this (see Figure 5 below for various options from Summit Racing).

**Compare**  
You've selected the following items to compare.  
[Back to Results](#)

			
<b>Brand</b>	Russell Performance	Fragola Performance Systems	Earl's Performance
<b>Manufacturer's Part Number</b>	670360	495008-BL	968699ERL
<b>Part Type</b>	Gauge Adapters	Gauge Adapters	Universal Fittings
<b>Product Line</b>	Russell AN Flare Unions and Caps	Fragola Performance Systems Pressure Gauge Adapters	Earl's Performance AN to BSPT Adapter Fittings
<b>Summit Racing Equipment Part Number</b>	RUS-670360	FRA-495008-BL	EAR-968699ERL
<b>Price</b>	\$13.97	\$14.97	\$12.57
<b>+ to Cart</b>	<a href="#">+ Cart</a>	<a href="#">+ Cart</a>	<a href="#">+ Cart</a>
	<a href="#">+ Wish List</a>	<a href="#">+ Wish List</a>	<a href="#">+ Wish List</a>
<b>Customer Rating</b>	★★★★★ (3)	★★★★★ (2)	★★★★★ (1)

Highlight Different Values [Less Information](#)




			
<b>Description</b>	Fitting, Fuel Pressure Take Off, -10 AN Male to -10 AN Female, 1/8 in. NPT Gauge Port, Aluminum, Blue, Each	Fitting, Straight, Gauge Adapter, -10 AN Male to -10 AN Female, 1/8 in. NPT Gauge Port, Aluminum, Black, Each	AN FITTING/MALE 1/8 NPT TO 1/8 BSPT FEMALE STRAIGHT ADAPTER
<b>Fitting Angle</b>	-	Straight	Straight
<b>Fitting Attachment 1</b>	Male threads	Male threads	Male NPT
<b>Fitting Attachment 2</b>	Female threads	Female swivel	Female BSPT
<b>Fitting Attachment 3</b>	Female threads	Female threads	-
<b>Fitting Category</b>	-	-	NPT to BSPT

Figure 5 – OE oil pressure sensor mount adapter options