



Patent pending Pro OPR is an oil pressure regulation system for turbochargers. It helps prevent compressor or turbine stage oil leaking/smoking and takes the guesswork out of oil restrictor sizing for more efficient and effective oil delivery. The Pro OPR increases the Oil Pressure relative to the reference boost pressure. A true plug and play setup for oil feed to turbochargers, additional restrictors not required.

- -4 AN ORB port fittings
- 1/8" NPT Reference port for ramping Oil Pressure with Boost Pressure
- 1/8" NPT gauge port for data logging
- Suitable for all oils
- **Directional** inlet feed logic
- Non-adjustable, set and forget

Mechanical Data

Control diameter	3mm
Mass	70g
Filter Mesh Size	-44 Micron
Safe working pressure max.	1100 kPag / 160 psi / 11 bar
Outlet Pressure	275-344kPag / 40-50 psi / 2.7 -3.4 bar
Actuator life	>10000k cycles @ 180°C ambient
Typical Rise Rate	Air Pressure 1 PSI : Oil Pressure 0.85 PSI <i>(May Vary depending on Oil)</i>
Inlet:	1x -4 AN
Outlet:	1x -4 AN
Gauge:	1x 1/8" NPT
Boost Reference:	1x 1/8" NPT

Thermal Data

Min. Operating Temperature	-30°C
Max. Operating Temperature	150°C @ 30 Minutes

Material Data

Beryllium (Be)	0%
Main body	6262 T6 anodised Al.
Valve	6262 T6 anodised Al.
Springs	Range 2 Zinc Plated
Filter	304 SS mesh
Elastomers	HNBR

Order Data Refer to catalogue for accessories

TS-0811-0012	OPR Turbo Oil Pressure Regulator
TS-0801-1012	ProOPR Turbo Oil Pressure Regulator (Boost-Referenced)
TS-0402-2023	0-100psi Liquid Filled Gauge
TS-0801-3002	TS OPR V2 Billet Bracket
TS-0801-3001	TS OPR V2 Rebuild Kit Inc Filter 44um
TS-0804-3002	TS Turbo Oil Filter Element Replacement 44 micron
TS-0550-3053	1/8" NPT Straight Pushloc Fitting – SS – 1/4"
TS-0550-3054	1/8" NPT 90Deg Pushloc Fitting – SS – 1/4"
TS-0550-3055	1/8" NPT Tee Pushloc Fitting – SS – 1/4"
TS-0550-3056-	1/4" Nylon Pushloc Tubing Black – 3M

