

Technical Bulletin

SCM
TURBO

Oil Feed Pipe Update 789500 & 811223



APPLICATION

FPT Applications



RELATED PART NUMBERS

789500-5XXXX / 811223-5XXXX
841805-5XXXX / 856254-5XXXX



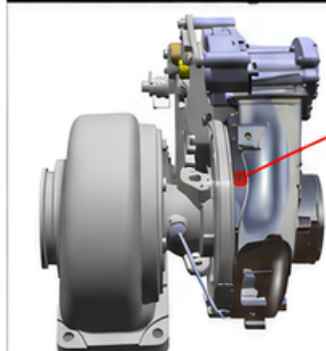
IMPORTANT

REPLACEMENT TURBOCHARGERS USE A DIFFERENT OIL INLET FLANGE CONFIGURATION.

When replacing any 789500 or 811223 turbocharger with the newer 841805 or 856254 family, the correct OEM oil feed pipe kit must also be installed.

OIL INLET FLANGE COMPARISON

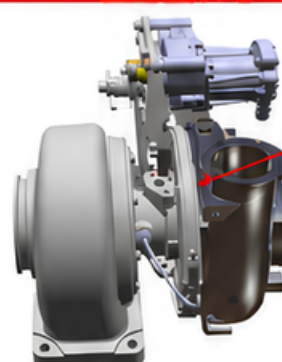
789500-5XXXX/811223-5XXXX (OLD DESIGN)



Oil inlet thread =
M16 x 1.5mm

For reference only:
FPT oil inlet
connector kit part
number
5801824665

841805-5XXXX / 856254-5XXXX (NEW DESIGN)

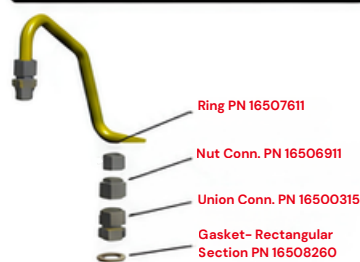


Oil inlet flange with
2 x M6 x 1.00 mm
threaded bolt holes.

For reference only:
FPT oil inlet
connector kit part
number
5802126441

Note: drawings above are for oil inlet flange reference only. Housings orientations are not correct to specific part numbers.

1x M16 (OLD PIPE)



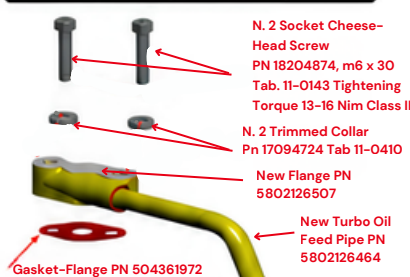
Ring PN 16507611

Nut Conn. PN 16506911

Union Conn. PN 16500315

Gasket- Rectangular
Section PN 16508260

2x M6 (NEW PIPE)



N. 2 Socket Cheese-
Head Screw
PN 18204874, m6 x 30
Tab. 11-0143 Tightening
Torque 13-16 Nm Class II

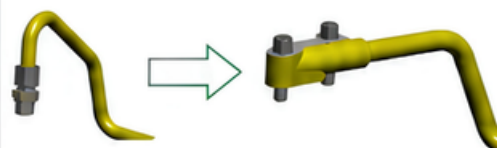
N. 2 Trimmed Collar
Pn 17094724 Tab 11-0410

New Flange PN
5802126507

New Turbo Oil
Feed Pipe PN
5802126464

Gasket-Flange PN 504361972

NEW TURBO OIL DELIVERY
CURRENT SOLUTION



For a full overview of affected turbo part numbers and new oil pipe PN for each application, please refer to the table below.

Original TC PN	Replacement TC PN	Comments
789500-5008S	841805-5011S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126419 KA (Off road application)
789500-5017S	841805-5020S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126441 KA (Off road application)
789500-5018S	841805-5014S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126447 KA (Off road application)
789500-5020S	841805-5015S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126409 KA (On road application)
789500-5021S	841805-5018S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126462 KA (Off road application)
789500-5024S	841805-5011S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126419 KA (On road application)
811223-5001S	856254-5007S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126419 KA (On road application)
811223-5009S	811223-5019S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126409 KA (On road application)
811223-5019S	856254-5004S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126409 KA (On road application)
811223-5006S	856254-5006S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126441 KA (Off road application)
811223-5008S	856254-5005S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126452 KA (Off road application)
811223-5010S	856254-5008S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126419 KA (On road application)
856254-5001S	856254-5003S	Oil inlet changed from M16 to 2X M6 bolts, new FPT oil inlet pipe PN 5802126452 KA (Off road application)