

# DSPS Wastegate Sensor Fitment Procedure.

Starting with the complete wastegate assembly.



Remove the wastegate from the casting assembly.



Remove the x4 M5 Knuts to release the wastegate cap. **Caution – the cap is being forced up by the wastegate spring.**



Carefully remove the wastegate cap & spring.





Clamp the wastegate valve head in a vice using aluminium jaws. Be sure not to clamp the heatshield.



Remove the M6 washered Nut from the valve stem.



Clean the thread & then apply Loctite 620.





Fit the M6 magnet-nut to the thread.



Torque the magnet-nut to 14Nm using a 'crow's foot' type socket.



Remove from the vice & clean off any excess Loctite from the magnet-nut. Refit the spring & cap.



Lift the main body up & ensure that the diaphragm is seated correctly. Push down on the cap against the spring & refit the x4 M5 retaining Knuts.





Torque the x4 M5 Knuts to 7Nm.



Fit the sensor & retaining keep plate to the cap using x2 M3 cap head bolts using Loctite 243 & torque to 2Nm.



Refit the wastegate to the casting assembly using the 3 retaining plates & x6 HT Knuts.

