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PLEASE READ before beginning installation.

Lingenfelter Performance Engineering / Magnacharger C5 Corvette intercooled supercharger kit installation instruction notes and revisions:

For 03/04 version of Magnuson Installation Manual

Page 40, 41 and 42 Steps 133, 134, 135, 136, 137, 138, 139 DO NOT pull back the wires for the intake air temperature (IAT) sensor. On 2001 and newer cars, the IAT sensor remains in the mass air flow sensor (MAF). On 1997 to 2000 cars, the IAT sensor needs to be mounted in the air filter assembly. On 1997-2000 cars, if you purchased the optional Donaldson high flow air filter assembly, the IAT sensor should be installed in place of the filter change gauge found on the air filter assembly. If you did not purchase the optional Donaldson air filter assembly, you will need to drill a hole into the factory or aftermarket air filter assembly for the IAT sensor. Use the provided rubber grommet and the provided IAT sensor and install them into the air intake assembly. Do not use the grommet installed in the aluminum intake manifold. Make sure your intake manifold has the aluminum IAT sensor plug installed (in place of the IAT sensor shown in the image in step 133).

Page 43 Step 146 High performance air filter assembly is not included. Lingenfelter Performance Engineering (LPE) recommends the installation of a Donaldson high flow air filter assembly.

Page 47 Step 158 The Superchips Micro Tuner is not included. You may purchase an LPE Programmer, you may purchase a spare new Powertrain Control Module (PCM) from LPE or any GM dealer and ship it to LPE, or you need to ship your Powertrain Control Module (PCM) to LPE for calibration. The PCM is the cast aluminum assembly with two large rectangular connectors found in the passenger side front wheel well behind the portion of the inner fender towards the rear of the vehicle. A 7 mm socket is required to disconnect the harness connectors from the PCM. Be careful when removing and installing the PCM not to damage the mounting brackets. Be sure to have the ignition key in the off position (or removed from the vehicle) when disconnecting the PCM.

NOTE: LPE recommends the installation of a 160°F thermostat as part of the installation of your supercharger package. Make sure that if you do not already have a 160°F thermostat, that you install one at the same time as installing the supercharger package. 160°F thermostats for the 1997-2003 (# HYP1014) and the 2004 (# LN1001) Corvettes are available from LPE.

If, after reading the instruction manual and these revisions, you have any questions regarding the installation of the supercharger system, please contact LPE at 260-724-2552 and we will be happy to help guide you through the installation process.