



Golden Eagle Mfg.

Full VTEC Conversion System

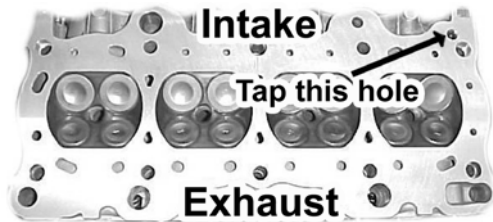
This portion of the install applies to the routing of the oil from the non-VTEC block (B18A/B or B20) to a VTEC head (B16 or B18C).

Items supplied with kit: (these items are supplied in our full kit. If you do not have the full kit, these items will still be required to complete the conversion)

- 1 - 1/8" NPT pipe tap
- 1 - 1/8" **flush** pipe plug (a "flush" pipe plug **MUST** be used. A regular pipe plug will cause oil leaks and damage to block or head.)
- 1 - steel braided teflon hose
- 1 - 3/4" boss to -6AN fitting
- 1 - -6AN to BSPT head fitting
- 2 - VTEC Conversion Dowels
- 1 - pre-machined head gasket to accept proper dowel location and bore size

Once the sandwich plate has been installed, please follow the directions below.

1. Lay the head cam side down and locate the oil hole on the head deck surface (see picture) Tap the head in this location using the supplied 1/8 NPT pipe tap. Once the hole is tapped, clean out the head thoroughly. Install the 1/8 NPT flush pipe plug using Teflon tape to ensure a good leak-proof seal. Make sure the plug sits **BELOW** the deck surface so that it does not interfere with the head gasket or block.



2. Install the VTEC Conversion dowels into the exhaust side of the block with the **small side of the dowel in the block**
3. Place the head gasket onto the block using the conversion dowels to align it properly
4. Install the head. Refer to the shop manual for install instruction of the head.

Once the head is installed and torqued down, you can now go ahead and install the VTEC oil feed line from the block to the head.

1. Locate the oil feed port plug on the head. This can be found on the intake side of the head near the distributor. (see pic) Remove the plug using a metric allen key.



2. Once you have removed the plug, you can now install the -6AN to BSPT into the oil feed port on the head. Use Teflon tape to ensure a leak proof seal. Do not overtighten.
3. Once both fittings are in the head and the sandwich plate, you can now install the oil feed hose from the sandwich plate to the new fitting in the head. It should look like the following picture

