



**Fitting instructions for PACEMAKER HEADER Part No. PH 5000A PH 5000M PH 5000V**  
to suit  
**Holden Commodore VN -VS 5 litre E.F.I.**

**\*Note:** For the ease of fitment, these Headers are specially designed to be installed from underneath.

- 1) Place steering column in lock position and remove key. This is important when **Airbags** are installed
- 2) Disconnect battery and or place an anti zapper across the leads.
- 3) Remove spark plugs manifolds and engine pipes to the catalytic converter. After carefully cleaning the face of the cylinder head, place gaskets onto head using the end bolts only. **\*Note:** this gasket can mistakenly be placed on to the head back to front, causing partial coverage of the exhaust ports.
- 4) Unbolt knuckle on steering column and place to one side, then after removing the two bolts that hold the rack to the cross member, unbolt and remove the L.H. ball joint. Remove the steering rack from the cross member brackets and then using a spanner on the shaft of the steering rack, wind clock wise moving the rack to the drivers side.
- 5) Fitment of headers to VN VP VR model Commodores fitted with the large starter motor. Remove the starter motor bolts and slide the starter motor forward into the engine bay, then remove the dust cover from the bell housing. Trim the dust cover as per diagram. 1 (the trimming of the dust cover applies to cars fitted with automatic transmissions only), **\*Note:** the procedure for the fitment of headers to VR & VS model Commodores, which are fitted with **HI Torque small starter motors** is the same as the above however it is not necessary to remove the starter motor to perform this task, as the dust cover can still be removed to be trimmed and the header is designed to clear the starter motor when it is installed.
- 6) Place L.H. header into engine bay and leave loose. To fit R.H. header, move the knuckle at the end of the steering shaft on top of chassis and position header into the engine bay again leaving loose.
- 7) Replace trimmed dust cover, starter motor and steering rack. Place sealant on face of headers and fit on to the end bolts. Reassemble steering shaft onto rack, and reinstall the rack to the original position.
- 8) Locate and tension remaining header bolts.
- 9) Place a smear of sealant around ball outlet of each header and complete the installation of the y branch. **Note: when fitting this product to a GETRAG Manual, you will need to use an auto Y branch. You will also need to remove a little bit of the cooling fin with a small grinder to acheive a good fit.**

