



INSTALLATION INSTRUCTIONS

#64290 .. HOLDEN V8 253/308 incl. group A models

IMPORTANT: Before attempting installation please read these instructions fully.

NOTE: The PRO/RACE "All Steel" Crankshaft Vibration Damper has a precision machined inner bore which requires special attention prior to installing

1. Engine must be completely cold
2. Remove original Damper carefully, using a Damper puller or removal tool
3. **Inspect crankshaft snout to ensure there are no burrs or rust. If required polish with very fine emery paper or steel wool and wash clean**
4. Examine key, should the key be damaged or loose in the key-way groove of the crankshaft, install a new key
5. Replace the front timing cover oil seal
6. The PRO/RACE Damper can be installed just like any other Damper using a Damper installation tool. However, you can make the installation much easier by immersing the Damper in boiling water for 15 minutes, or placing in a pre-heated oven at the lowest temperature (max 250°F or 120°C) for 15 minutes. This process will expand the hub of the Damper
7. If you are **NOT** using a professional installation tool, it is **ESSENTIAL** that the Damper be pre-heated as outlined in step 6 above to expand the hub. All subsequent steps will need to be followed carefully
8. Smear crank snout and the timing case oil seal with clean oil
9. If you are not using a Damper installation tool, remove Damper from boiling water (or oven) using insulated, heat proof gloves. Smear bore of Damper with oil
10. Immediately locate Damper on to the crankshaft and rotate until the hub located in the key-way

IMPORTANT - DO NOT ALLOW DAMPER TO COOL

11. If using a professional Damper installation tool, install the Damper following the instructions supplied with your installation tool and ignore step 12
12. If you are not using an installation tool, quickly, utilizing a block of aluminium to protect the machined face, drive the Damper on the crankshaft
13. Promptly reinstall the Damper retaining bolt and washer and tension to 100 lb/ft torque

NOTE: Use LOCTITE to secure the crankshaft and pulley bolts

Should you have any difficulty installing your PRO/RACER Damper, please contact:

PRO/RACE Performance Components

Email: tech@pro-race.com

Website: www.pro-race.com

OR alternatively please contact your place of purchase or closest distributor