



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 Damper Puller or removal tool.
3. Inspect crankshaft snout and 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 keyway 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 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 locates 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, utilising a block of aluminum 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.

12. Check that the pulley alignment is correct and re-check for adequate clearance of all components before re-starting engine.

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

UK:	Real Steel:	Tel: 01 895 440 505
USA:	PRO/RACE Tech-line	Tel: 734 740 0922
Australia:	PRO/RACE Tech-line	Tel: 61 3 9584 3522 Fax: 61 3 9584 5194
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