

IGNITION TIMING CHECK

To check the ignition timing on 250-275-330 engines, the following steps are required:

1. Remove the inspection plate on the top of the bellhousing.
2. Clean all markings on the flywheel with solvent.
3. Connect an electronic timing light (strobe) to cylinder #1 on the right bank.
4. Start the engine and allow it to idle below 1000 RPM.
5. Aim the timing lamp into the inspection port above the flywheel; LOAF should be near the fixed pointer.
6. Increase the RPM to 4500 RPM, 42AM should be indicated at the pointer.
7. Stop the engine and connect the timing light to cylinder #7 on the left bank.
8. Start the engine and let idle below 1000 RPM.
9. Aim the timing light into the inspection port above the flywheel; LOAF should be near the fixed pointer.
10. Increase the RPM to 4500 RPM: 42AM should be indicated at the pointer.
11. If any adjustment is required, loosen the three bolts on the distributor and rotate top until timing is correct.
12. Tighten all distributor nuts, and replace the inspection port cover.

NOTE: Ignition points should be clean and adjusted to .014" gap.