#### PRO DEGREE WHEEL

### #6120

#### Installation Instructions

## FINDING TOP DEAD CENTER

Locate Top Dead Center (TDC) by using one of three methods.
positive stop, (2) dial indicator, (3) positive stop through spark plug hole with heads installed.

Bolt a pointer to cylinder block. A heavy wire or metal strip pointer, heavy enough to hold a permanent position. If cylinder heads are removed, use either a positive stop or dial indicator.

- 2. Find the highest point of piston travel and tighten degree wheel with TDC (0) mark in line with pointer. Now securely mount positive stop or dial indicator to top of block. Rotate engine clockwise until piston touches. Stop, check reading on degree wheel.
- 3. Rotate engine counter clockwise until piston touches. Stop again, check reading on degree wheel. TDC is halfway between the stop readings divided by two. Use a specific reading on the dial indicator to achieve the same use as a positive stop.
- 4. The method used with cylinder heads installed is accomplished by welding or brazing a rigid rod onto the bottom of a spark plug, so when tightened into spark plug hole, will extend into cylinder bore approximately 1/2". Then follow procedure used with positive stop method.

# CHECKING CAMSHAFT TIMING

 Install camshaft, timing gears, timing chain, and align timing marks in usual manner using factory timing marks. Install pointer and degree wheel. Find TDC using one of three methods described in instructions above.

Insert intake and exhaust lifters for cylinder being checked. Mount dial indicator (one with one inch of travel recommended), securely to the cylinder block, keeping indicator stem aligned with travel of lifter.

