

OTHER CENTRAL TOOLS FOR 2-CYCLE ENGINE TIMING

6485 ROLLER CONTACT KIT - Use this kit with our Timing Gage on engines with angled spark plugs. Roller will prevent contact from binding against piston.

6484 EXTENDER KIT - For engines requiring extra adaptor length because of cooling shrouds, very large fins, etc.

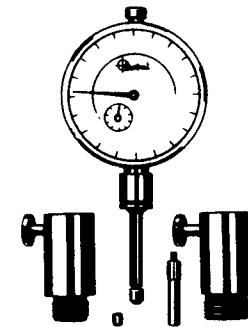
6486 HEAD-OFF KIT - The kit contains all items necessary for using our Timing Gage with the head removed.

6480 TIMING GAGE - This gage will give a direct reading on engines with angled spark plug holes, and also time engines with straight plug holes.

Set No.	Range	Graduations	Reading	Indicator #	Adaptors				
					#4228 10mm	#4225 12mm	#4220 14mm	#4221 18mm	
6487	1"	.001"	0-100	4341					
6488	1"	.001"	0-100	4341		X			
6617	1"	.001"	0-100	4341	X	X			
6489	30mm	.01mm	0-2.0	4390			X		X
6490	30mm	.01mm	0-2.0	4390			X		X
6618	30mm	.01mm	0-2.0	4390			X		X



**2-CYCLE ENGINE
TIMING GAGE
6487, 6488, 6489
6490, 6617, 6618**



Central Tools, Inc.
Your Automotive Measuring People

TIMING GAGE INSTRUCTIONS

1. Remove spark plugs and ground spark plug wires.
2. Screw adaptor into spark plug hole, finger tight. It may be more convenient to first clamp the indicator into the adaptor. Do not apply excessive force if spark plug threads are tight; the indicator may be damaged as a result.
3. Remove short contact point from indicator plunger and install long contact, finger tight.
4. Clamp indicator into adaptor with thumb screw, finger tight.
5. Locate top-dead-center of piston, loosen bezel clamp screw and set indicator to zero.
6. Back piston down to the specified number of thousandths before-top-dead-center. Consult engine manufacturer's specifications for this setting. Adjust points to open at this setting and securely lock points.
7. Check setting by rotating engine 360 degrees in direction of running rotation. If continuity test is used, light will dim when points open.

SPECIAL INSTRUCTIONS

On some engines the cooling fins may interfere with thumb screw when adaptor is installed in spark plug hole. A set screw is provided if this is encountered, or any short 10-32 screw will work.

Some engines have spark plug holes at an angle and extreme care must be used. Do not push indicator plunger up with piston or damage may result which is not covered by warranty. On any engine where the spark plug hole is at an angle it is necessary to compensate to get the correct setting.

- If spark plug hole is at 45 degree angle, multiply specified setting by 1.414. For example:

Specified setting = .150"

Indicator reading = .150" x 1.414 = .212"

- If spark plug hole is at 30 degree angle (from the line of piston travel) multiply specified setting by 1.155.

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