

PRECISION TOOLS FROM



"Your Automotive Measuring People"

Micrometers

Rod & Tubular Types

Inside

Outside

Depth

Sets

Dial Indicators & Test Sets

Magnetic Bases

Machinists Tools

Dial Calipers

Electronic Digital Calipers

Torque Wrenches

Cylinder Bore Gages

Write For Catalog



"Your Automotive Measuring People"



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6447, 6448, 6449 and 6642



6447 TIME SAVER MAGNETIC BASE

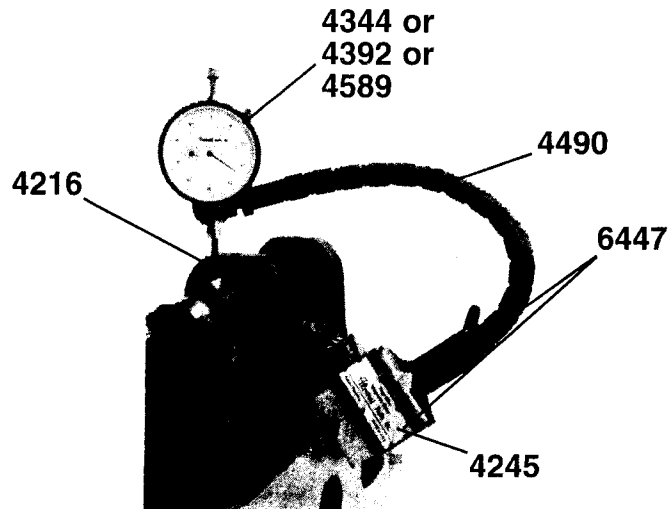
**6448 1" RANGE TIME SAVER DIAL
INDICATOR SET**

OR

**6449 30mm RANGE TIME SAVER DIAL
INDICATOR SET**

OR

**6642 1" RANGE HIGH PRECISION TIME
SAVER DIAL INDICATOR SET**



Number

4344	1" Range Indicator, .001" Grads
or	
4589	1" Range Indicator, .0005" Grads
or	
4392	30mm Range Indicator
4216	Contact Point (part of indicator)
4490	Flex-Arm
6447	Magnetic Base w/Flex-Arm
4245	Magnetic Base only

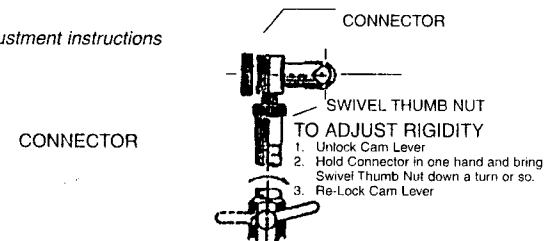
Some uses for the Time Saver Dial Indicator Set:

Checking – camshaft wear
 valve guide wear
 timing gear backlash
 pinion gear backlash
 driveshaft runout
 disc brake runout
 transmission shaft end play
 crankshaft end play

Setting Up The Time Saver Dial Indicator Set

1. Unlock the cam lever on the magnetic base so that the fingers will slide up and down. Push all the fingers down to their maximum extension.
2. Attach the base and push the finger segments down to properly conform to the irregular surface.
3. Cycle the cam enough to compress the gaps between the segments, maneuver the base to desired angle and then cycle the cam completely around to lock the fingers in place.
4. Loosen the round nut on the indicator clamp and insert the indicator shank through the hole. Tighten the nut to lock the indicator in position.
5. Position the indicator plunger against your work piece so that it is slightly depressed. Rotate the cam lever to lock the flex-arm in place. If the arm will not lock in position, adjust the cable tension by turning the knurled nut, located under the cross head, at the outer end of the arm. (See illustration).

Tension adjustment instructions



6. In locking the arm in position, do not overtighten the lever. This will weaken and eventually break the cable. It is necessary to only tighten sufficiently to hold the arm in position. Cable breakage is not covered by warranty.

To Take a Reading

The #4344 dial indicator is graduated in increments of .001". One full revolution of the large pointer is .100" and ten full revolutions is 1.000".

The #4392 dial indicator is graduated in increments of .01mm. One full revolution of the large pointer is 2.0mm and fifteen full revolutions is 30mm.

The 4589 dial indicator is graduated in increments of .0005". One full revolution of the large pointer is .050" and twenty full revolutions is 1.000".

A revolution counter, (small pointer), is provided to assist in taking long travel readings. It is to be used in conjunction with the large pointer.