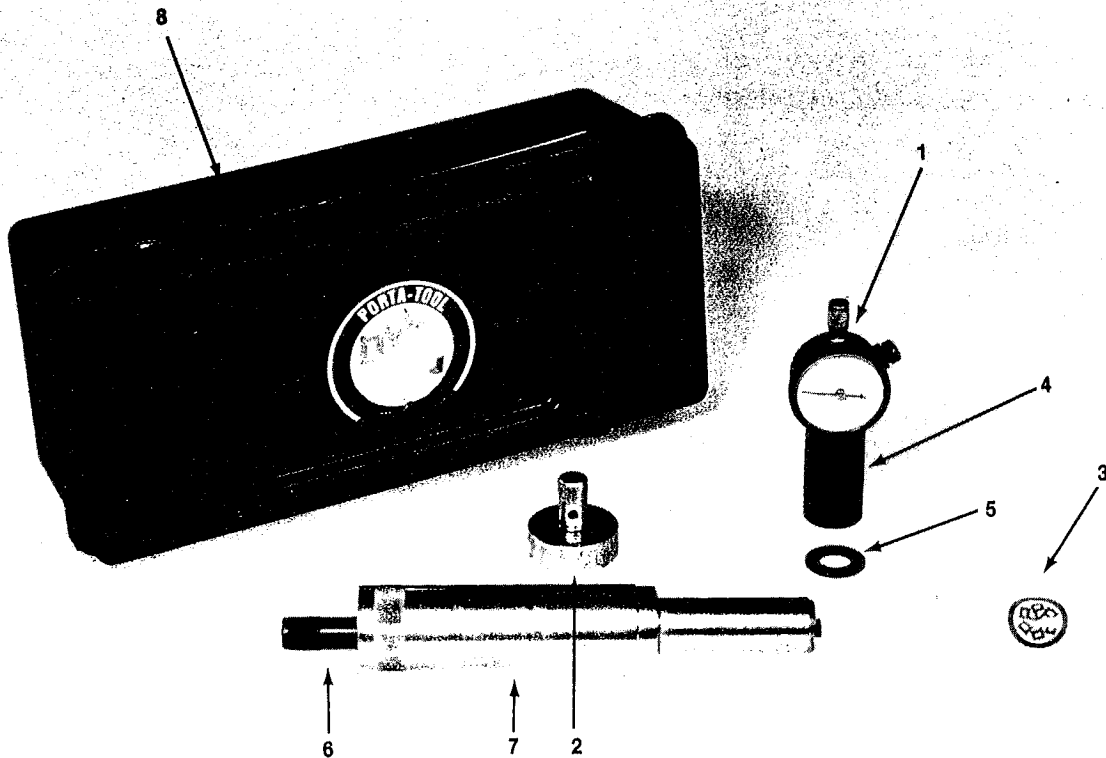


Instructions for use of PT-5050

INJECTOR PROTRUSION CHECKER

READ CAREFULLY BEFORE USING

Here is a tool designed to quickly and accurately measure injector protrusion without removing the cylinder heads. Well proven on all Cummins 5-1/8 and 5-1/2 bore engines, it now adapts to the new Cummins "K" engines.



| DET. # | PART # | PART DESCRIPTION | AMT. |
|--------|-------------|-------------------|------|
| 1 | PT-5050-001 | Dial Indicator | 1 |
| 2 | PT-5050-006 | Setting Standard | 1 |
| 3 | PT-5050-010 | Main Shaft Cover | 1 |
| 4 | PT-5050-011 | Dial Gauge Holder | 1 |
| 5 | PT-5050-012 | Spacer | 1 |
| 6 | PT-5050-013 | Main Shaft | 1 |
| 7 | PT-5050-014 | Main Body | 1 |
| 8 | PT-5050-019 | Plastic Box | 1 |



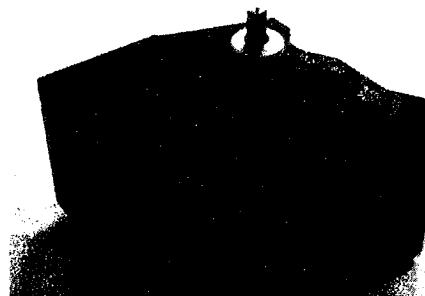
Kent-Moore
TOOL DIVISION

P.O. BOX 647 ■ 827 JEFFERSON AVE.
CLOVIS, CALIFORNIA 93613
Telephone: 209/299-4351



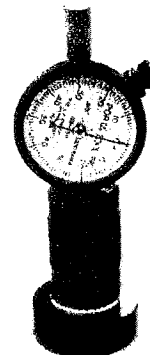
PORTA-TOOL
PRODUCTS

AFTER REMOVING INJECTOR, SLIDE TOOL INTO INJECTOR SOCKET, MAKING SURE THE TWO MARKS ON TOP OF THE TOOL ARE IN OPPOSITE DIRECTIONS. PRESS DOWN AND TURN SHAFT SO THE MARKS ARE IN LINE (Fig. 1). ROTATE TOOL A FEW TIMES TO REMOVE ANY CARBON. CHECK AGAIN TO MAKE SURE THAT MARKS ARE IN LINE.



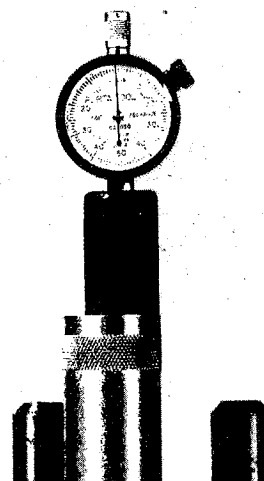
(Fig. 1)

WHEN CHECKING THE NH PROTRUSION LEVEL USE THE "SPACER" PROVIDED. PLACE DIAL INDICATOR ON SETTING STANDARD AND SET AT (0) ZERO. (Fig. 2) PLACE DIAL INDICATOR ON TOOL. (A ZERO READING IS 0.065" PROTRUSION. LIMITS ARE ± 0.005 " ANYWHERE BETWEEN THESE LIMITS IS ACCEPTED TOLERANCE.



(Fig. 2)

WHEN CHECKING THE "K-Eng" PROTRUSION, PLACE THE DIAL INDICATOR ON THE SETTING GAUGE (Less Spacer), AND SET AT (0) ZERO. (Fig. 3) PLACE DIAL INDICATOR ON TOOL. A ZERO READING IS 0.100" PROTRUSION. LIMITS ARE ± 0.005 ". ANYWHERE BETWEEN THESE LIMITS IS ACCEPTED TOLERANCE.



(Fig. 3)

