



Red Zone

Shop Air Input
Min. 80 lbs /
Max 100 lbs

Adjuster

Whip Line Connection



Whip Lines

14 mm Adapter
Long

14 mm / 18mm
Adapter Short

Tapered Plug
Adapter



Zero Calibration Procedure

Note: This Procedure must be followed to ensure accuracy, this procedure must also be followed each time air supply is connected.



Step 1

Couple shop air to input side of tester. (Minimum of 80lbs. PSI / Max of 100lbs. PSI.)



After Zero (Red Zone)

Step 2

If needle reads after zero (Off Scale In Red Zone) continue to step 3. If the needle reads before zero (100-0 Range) continue to step 5.



Step 3

Turn adjuster counter clockwise approx. 2-3 turns. Needle will not change position drastically until air is purged from system in step 4.



Step 4

Insert whip line until air is heard purging from system, **disconnect whip line**, the needle should now be in the 100-0 range. Continue to step 5. **NOTE**: If needle is not in this range repeat step 3. (Goal is to get needle in 100-0 range)



Step 5

Turn adjuster clockwise **SLOWLY** until needle is at zero. **DO NOT PASS ZERO**, if zero has been passed repeat from step 3.

Select adapter needed and connect to whip hose. Screw adapter into spark plug hole and connect other end of whip hose into output connector. You will now be able to read the percentage of leakage for that cylinder. To test remaining cylinders, disconnect whip hose from output connector and remove from spark plug hole. Re-connect whip hose to spark plug hole and output connector.

CAUTION! KEEP HANDS, TOOLS AND OTHER LOOSE OBJECTS AWAY FROM THE ENGINE WHILE USING THIS TOOL. THE CRANKSHAFT MAY SPIN IF THE ENGINE IS NOT PROPERLY ALIGNED.