

**RELEVANT PRODUCTS OF CYLINDER PRESSURE TESTER KIT**  
**REPAIR SERVICE**



Extra Thin Wall Spark Plug Socket

- BS9132** 14mm
- BS9133** 16mm
- BS9134** 18mm
- BS9135** 20.8mm



**BS8002**  
Cylinder Leak Down Tester Kit



**BS8001**  
**CYLINDER PRESSURE TESTER KIT**  
Instructions



**APO TOOL INTERNATIONAL LTD.**  
No.38 Ping An St, Changhua, Taiwan 50055  
T: +886 4 7514888 / F: +886 4 7524888  
Website : [www.bikeservice.com.tw](http://www.bikeservice.com.tw)  
E-mail : [service@bikeservice.com.tw](mailto:service@bikeservice.com.tw)

Represent.



## COMPONENT IDENTIFICATION



### Contents:

- A** 300 psi ( 20kg/cm<sup>2</sup> ) gauge.
- B** M10 hose for 16mm (5/8") spark plug.
- C** M12 hose for 18mm spark plug.
- D** M14 hose for 20.6mm (13/16") spark plug.
- E** Spare Parts.

## PRODUCT FEATURE

Designed specifically for testing motorcycle and small engines. This kit features a specially designed compression gauge and hose assembly. Plus three different size hose adaptors. Compression tester and hose lengths are designed for optimal viewing along side engine. Covers most popular motorcycle and small engine plug sizes. Corrosion resistant nickel plated finish.

- 270mm(10-5/8") flex hose assembly with quick coupler.
- 70mm (2-3/4") gauge features chrome bezel and rugged protective outer boot.
- Dual scale gauge reads 0-300 psi and 0-20 kg/cm<sup>2</sup>
- 12" flex hose - 14mm standard/plus reach (extra length supports V-Twin applications)
- 270mm (10-5/8") flex hose - 12mm standard reach, 270mm (10-5/8") flex hose - 10mm standard reach.

## PROCEDURE

1. Select an appropriate election flex hose.
2. Bring the engine up to operating temperature.
3. Remove all spark plugs (for ease of cranking) and install hose in the cylinder to be tested, making sure that the o-ring seats at the spark plug sealing surface.
4. Install the gauge to the hose with the quick release connection.
5. With the engine on/off switch in the off position begin cranking. Fully open throttle and continue to crank the engine over until maximum compression is indicated on the gauge.
6. Repeat for all cylinders.

### Important

1. Required to maintain a good seal when installing the flex hose.
2. Refer to the manufacturer's service manual for maximum and minimum compression standards.
3. Do not place the spark plugs or their caps where a spark could ignite spilled fuel or fuel vapors and cause a fire or explosion. Refer to the manufacturer's service manual for specific instructions pertaining to your application.