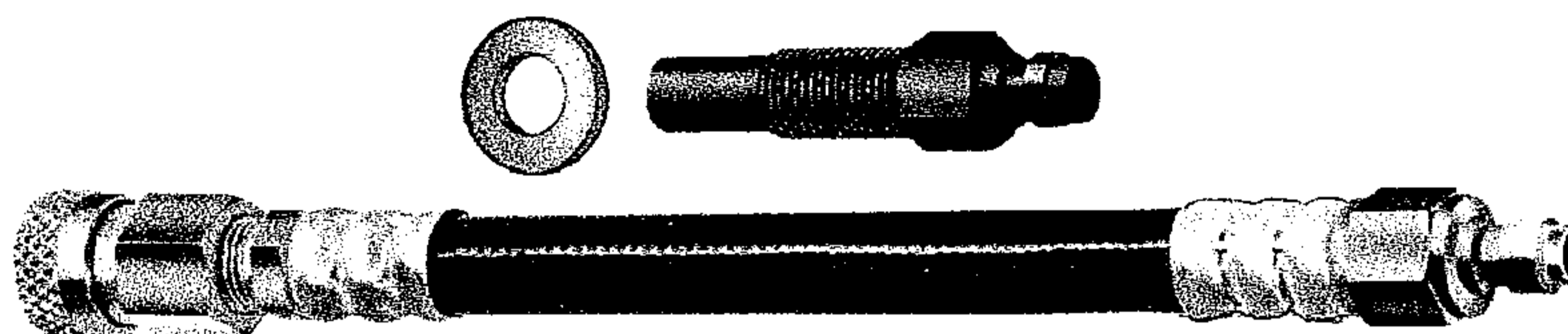


## INSTRUCTIONS

# **DIESEL COMPRESSION TESTER ADAPTER VOLKSWAGEN TURBO DIRECT INJECTION (TDI) ALH & BEW SERIES**



### GENERAL

1. Refer to the service manual for the engine model on which you will be testing.
2. Make sure the vehicle's battery is at or near full charge. It may be necessary to hook up a battery charger to perform the test.

### PREPARATION

1. Engine oil temperature must be minimum 86°F.
2. Battery voltage must be 11.5 Volt minimum.
3. Shut off fuel supply at source.
4. Disconnect fuel injector electrical connector. Remove connectors from glow plugs. Remove all glow plugs to check any cylinder.
5. Take extra care to prevent dirt, parts or tools from falling into an open glow plug port.
6. Install washer over the threads and up to the hex. Thread test adapter into the glow plug port of the cylinder to be tested. Hand tighten only.
7. Attach the female end of the extension hose to the male fitting on the adapter.
8. Attach the male end of the extension hose to the female end of the hose assembly.

### COMPRESSION TEST

1. Crank the engine at least five revolutions to obtain the highest compression reading.
2. Depress the gage relief valve to reset the gage to the zero position.
3. Repeat the procedure for each cylinder to be tested.
4. Reading should be 362 to 450 PSI (25 to 31 BAR) with a wear limit of 275 PSI (19 BAR). The acceptable difference between cylinders is 73 PSI (5 BAR).
5. Check and erase any Diagnostic Trouble Codes (DTC's) in memory.
6. After testing is completed, reinstall glow plugs and make electrical connections.