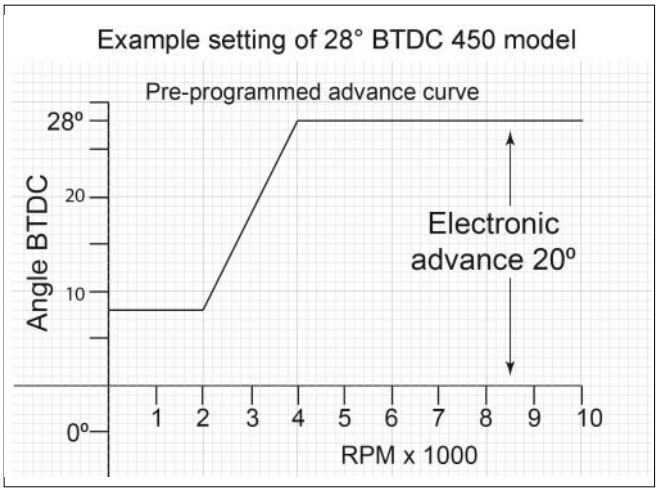
# Ducati Singles CDI ignition Kit - STK-169D


## PRODUCT FEATURES

- Complete CDI ignition system.
- Electronic pulser unit and rotor, replacing points plate and mechanical advance allows easy access for adjustment of




## Fitting Instructions

### Detailed Installation Guide

**Step 1** Remove original points plate and mechanical advance. If a grommet is fitted to the cable for the points plate this needs to be taken off and fitted to the new pulser ring lead, these are normally fitted on the 'wide case' engines.

**Step 2** The original HT coil is not required and can be taken off.

**Step 3** Fit the pulser ring in the housing, then depending on the engine type either feed the 3 cables through the exit hole in the crankcase or attach the grommet from the original cable, then feed the wires through the sleeve one at a time. Use the M4x12 screws and washers to retain the pulser ring. Attach the 3mm glass sleeve to leads then push in to the 3 way terminal housing in position shown on the wiring diagram (matching opposite connector on the wiring harness i.e. blue to blue, black to black and brown to brown (or white). Make sure lead is taped to the frame to avoid touching exhaust pipe.

**Step 4** Fit the pulser rotor, note this can be fitted in either $180^0$ degree positions as there are identical timing marks at $180^0$ and 2 magnets in the rotor. Fit the original M4 retaining screw. See Fig. 1.

**Step 5** Connect the the 3 pin plug from the pulser to the CDI. The red & green cables go the battery. Cut the HT cable to length (if required), attach the HT cap included in the kit, and connect to the spark plug.

**Step 6** The timing can be easily set with the piston at TDC (Top Dead Centre), then by rotating the pulser ring, align the correct full advance setting, as engraved on the ring, with either line on the rotor. Example shown in Fig. 1 is set at $28^0$ for a 450cc engine. This setting can be checked with a strobe light when the engine is running. The line on the rotor should be seen to align with the 'FA' engraved on the ring as rpm is increased.