

Instructions for Trigger kit

MODELS: XJ12; XJS „D“ System E.F.I.

The distributor trigger board, 54429153, has been superseded by a kit, part number AEU 1683. The kit contains the following:

Kit AEU 1683

Trigger Board	DAC 2746
Rotor Arm	DAC 2745
Mounting Grammets	(4) Part of Fitting Kit AAU 8447
Nylon Fixing Bolts	(4) Part of Fitting Kit AAU 8447
Fibre Washers	(4) Part of Fitting Kit AAU 8447
4-Way Snap Connector	NSS
Bullet Terminals	(2) NSS
Cable Clamp	NSS
Washer	(2) NSS

This trigger board replaces the existing reed type trigger board.

Quantity	Component	Part number
1	Hall Effect trigger board	54429351
1	Rotor arm	54400048
4	Mounting grommets	-
4	Nylon fixing bolts	-
4	Fibre washers	-
1	4-way snap connector	-
2	Bullet terminals	-
2	Washers	-

Removing reed type trigger board

1. Disconnect battery.
2. Disconnect the manifold pressure sensor/T-piece pipe from the T-piece.
3. Disconnect trigger board 3-pin socket.
4. Disconnect HT leads from coil and spark plugs. Ensure the leads are suitably marked.
5. Remove distributor cover complete with leads.
6. Remove rotor arm.
7. Remove the trigger board complete with mounting bushes by releasing four securing screws.

Fitting hall effect trigger board

1. Fit the four red rubber bushes to the new board. See Fig.1. Do not use the black bushes fitted to the feed type board.
2. Secure the board to the distributor with the four bolts and washers supplied. Fit the white insulating bush to the outlet slot in the distributor body.
3. Fit new rotor arm. Check clearance between rotor arm heel and trigger board. Should be not less than 0.030" (0.76 mm) or more than 0.090" (2.28 mm). If less fit washer(s) supplied beneath the rotor arm.
4. Reposition distributor cover. Crank engine to ensure rotor arm does not foul trigger board or cover.
5. Secure cover. Reconnect HT leads and pressure sensor pipe.

Wiring

1. Connect the new trigger board 3-pin socket to the harness plug.
2. Cut the white lead connected to terminal SW of the 9BR ballast resistor 3" (75 mm) away from the 8-way cable connector which is located centrally, near to the manifold balance pipe and the bulkhead.
3. Solder or crimp a bullet terminal to each end and fit them to the 4-way snap connector supplied, together with the additional trigger board lead.
4. Tidy wiring and reconnect battery.

