

## POTENIOMETER UPGRADE KIT Jaguar Series 3 and Jaguar XJS & Rover V8

Part Number: **EAC2670**



This kit is based upon the Jaguar information bulletin C-11 issue date 05/01 (XJS) Referring to part number JLM20971/CBE where the original 73256A Lucas 193SA designed EAC2670 equipment is no longer available.

### Kit contents:

- EBC3566\_A X1 throttle shaft
- EBC3568\_A x1 throttle coupling
- PA602200 x1 1/16" x 5/8" roll pin
- EAC9576\_A x1 cast thorrle adaptor housing
- SH101101 x5 M4 x 10mm hex set screws
- WC104001J x5 M4 form C plain washers
- UFS1193R x2 #10 x 3/8" hex set screws
- EAC9634\_O x1 potentiometer
- AW102/T x2 #10 plain washers

### Fitting Guidelines:

1. Insert throttle shaft and adjust existing cast rotor to wlloe the round base plate to seat in the recess of the casting with the holes aligned.
2. Secure the shaft base plate with the #10 x 3/8" hex scews and the #10 washers ensuring that the base plate is still seated in the recess.
3. Fit the throttle coupling over the shaft and then insert the roll pin through this and the hole in the shaft (tap the pin gently through if it cannot be done by hand).
4. Offer up the cast throttle adaptor housing over the shaft and coupling and onto the steel platform locating the feet of the casting over the two existing tapped holes; for the third hole mark the platform and then remove the casting.
5. Drill the marked spot through the 3.3mm drill and then tap an M4-0.7 thread and clean.
6. Fit the cast throttle adaptor housing with the three sets of M3 x 10mm hex screws and M4 washers.
7. Fit the potentiometer into the throttle coupling slot and secure it with the remaining two sets of M4 x 10mm hex screws and M4 washers.
8. Set the throttle petentiometer calibration as described in the service manual, noting that values are the same for both and early (black bourns) pot and later (red) pot (key on, engine off reading will be in the range of 0.31V-0.33V).

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