

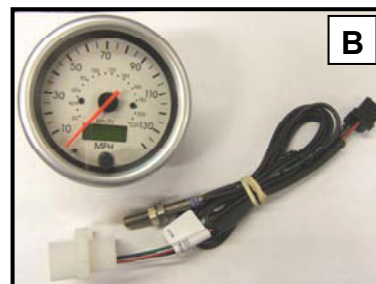
The speed transducer operates by measuring the rotational frequency of the driveshaft, actually sensing the position of the lobro joint allen key bolts, or the brake disc mounting bolts. This means the position of the transducer sensing point to the head of the bolt, is critical to the operation of the transducer.

The type of transducer fitted to the vehicle is dependant on which speedometer gauge is to be fitted.

**A** – Standard VDO black face dials

**B** – Upgrade Smiths white face dials

The transducer and fitting procedure is different for both.



### **Tools Required**

27mm spanner or an adjustable spanner  
13mm socket  
Torque Wrench

### **Fitting The Transducer For VDO Gauges**

The speedometer transducer is fitted at the rear of the chassis to the right hand side adjacent to the differential and immediately above the right hand driveshaft.

1. Screw one lock nut onto the transducer, followed by a plain washer. Fit the transducer from the top, through the chassis mounting bracket. Find the correct connector on the wiring loom and attach to the transducer.

- 1 x 18mm lock nut
- 1 x 18mm plain washer

2. Secure the transducer in place with another plain washer and lock nut

- 1 x 18mm lock nut
- 1 x 18mm plain washer

3. Adjust the position of the transducer by moving the lock nuts or by bending the chassis mount.

The tip or sensing end of the transducer must be positioned 1.0mm to 3.0mm from the head of the allen key bolts.

