

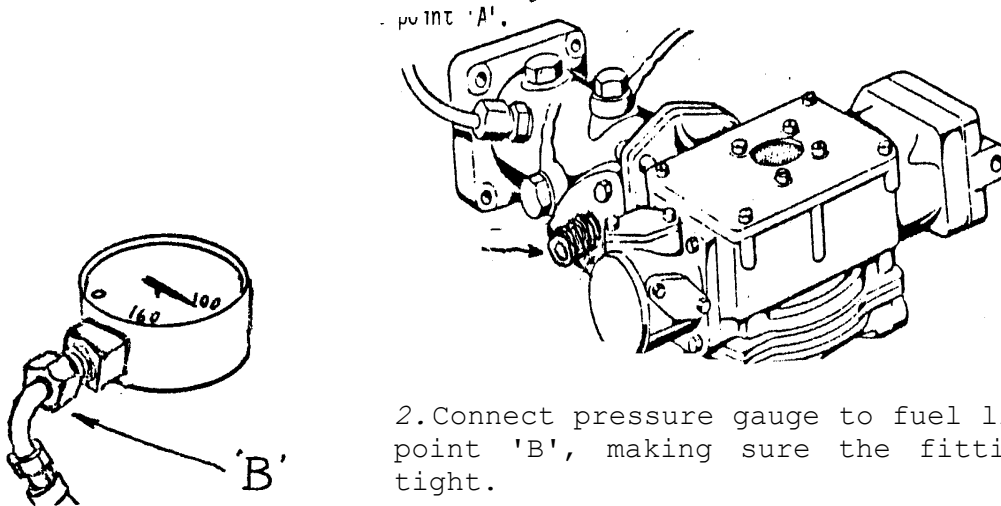
## Lucas Fuel Injection Problem? Possibly the Fuel Pump?

By Walter Loeliger

Winter 1998

Here is an instrument to determine if your injection fuel pump delivers the correct fuel pressure of 100 PSI. It has the correct British threaded fitting, have one of these in your cars tool kit in case you get stuck on the road. To use:

1. Switch off ignition and disconnect high pressure fuel line at point A.



2. Connect pressure gauge to fuel line at point 'B', making sure the fitting is tight.

3. Switch on ignition. Pressure should show 100 PSI as the pump RPM slows down.

If the pressure shows less than 100 PSI, first check all electrical connections, including fuses and ground leads for corrosion, loose fit, etc., before blaming the pump. The problem may also be in the electric motor of the pump, including collector failure, misaligned armature, top bearing failure. The pump parts could also be just worn to far.