



Renault Range

Type

S/Section

All Types

All Types

10

10

## ENGINE OIL PRESSURE

- Engine : All Types
- Gearbox :

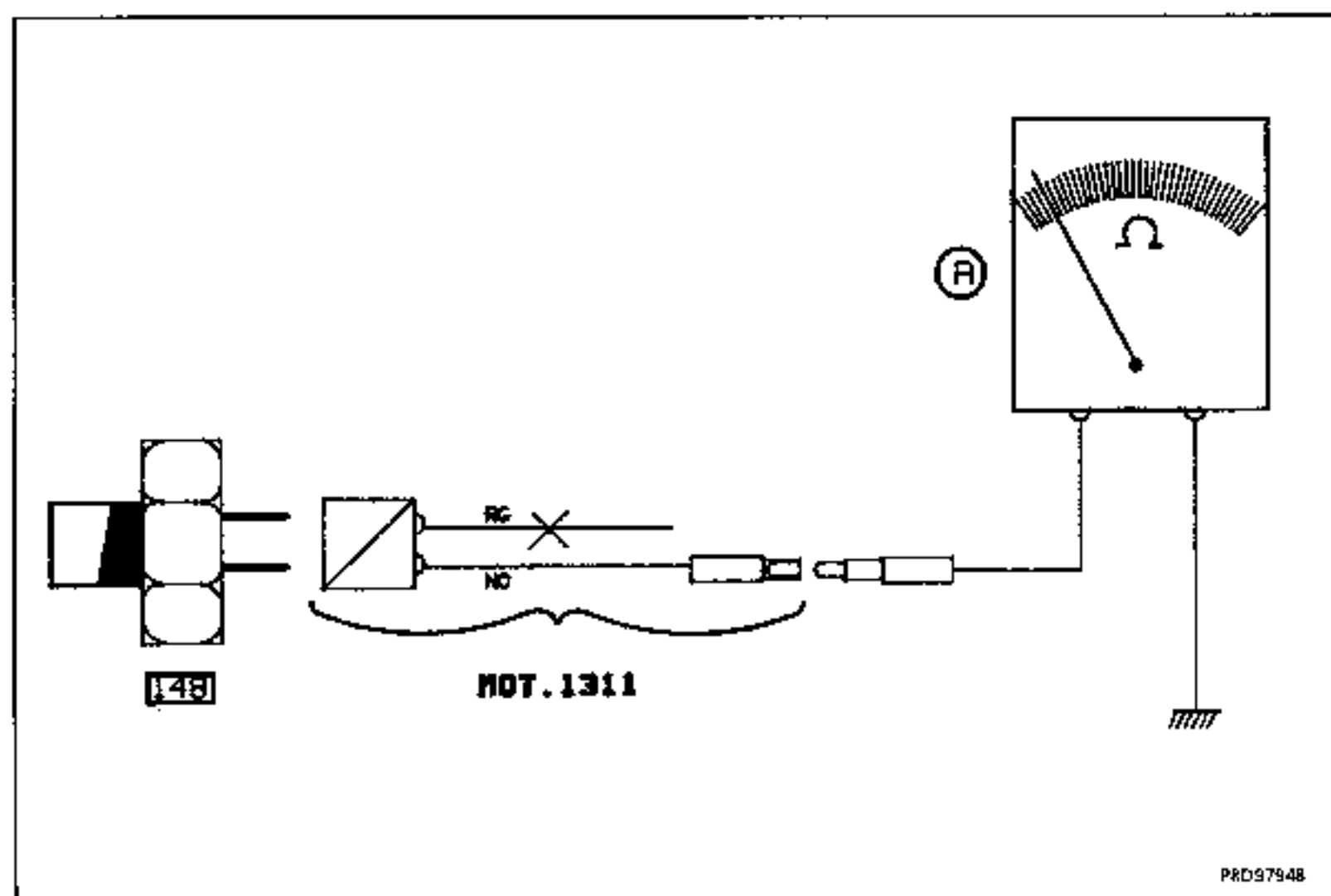
Basic Manual :

All Workshop Repair  
Manuals

This Technical Note provides information on the oil pressures of current engines and cancels all other values.

ENGINE TYPES	ENGINE SPEED IN RPM	MIN. PRESSURES AT 80°C (BARS)	TOOLING Mot. 836-05
C1C, C1E, C1G, C3G, C1J, C2J, C3J	IDLING SPEED 4000	0.7 3.5	C + E + F
C1J TURBO	IDLING SPEED 4000	1.3 3.2	G + F
F All types	1000 3000	1.2 3.5	B + F
E All types	IDLING SPEED 4000	1 3	C + F
J5R, J6R, J7R, J7T, J8S (atmospheric)	IDLING SPEED 3000	0.8 3	B or C + F
J8S TURBO	IDLING SPEED 3000	0.8 3.5	
J7R TURBO	IDLING SPEED 3000	1 3	
J7R 12 valve J7T 12 valve	IDLING SPEED 3000	1.25 3	
G8T	1000 3000	1.6 4	C + E + F
Z6W, Z7U, Z7V	900 4000	2.2 4.4	B or C + F
Z7W	IDLING SPEED 5500	1 4	
Z7X	IDLING SPEED 4000	2.2 4.4	
S8U, S9U	IDLING SPEED 4100	0.8 3.5	C + E + F

For the following engine types J8S, Z7X, S8U, S9U, the engine oil pressure can be measured using a multimeter :



148 Oil pressure transmitter

Mot. 1311 Extension piece

A Multimeter

Disconnect the oil pressure transmitter connector.

Fit the extension piece of tool Mot. 1311 onto the oil pressure transmitter.

Fit a spacer between the extension piece and the multimeter earth (A).

The ohms resistance will increase or decrease relevant to the oil pressure (see chart).

Resistance of the sensor in relation to the pressure, in increasing values,  
at ambient temperature :

ENGINE TYPES	PRESSURE IN BARS	RESISTANCE IN OHMS	ENGINE SPEED IN RPM
J8S - Z7X	0	$270^{+15}_{-0}$	0
	0.8	236	IDLING SPEED
	2.2	178	IDLING SPEED
	3.5	126	3000
	4.4	98	4000
S8U - S9U	0	$272^{+20}_{-0}$	0
	0.8	237	IDLING SPEED
	3.5	86	4100