

EMMISSION CONTROL SYSTEM'S DIAGRAM (LATE 280SL AUTOMATIC GEARBOX)

UPDATED 28-MAY-2020

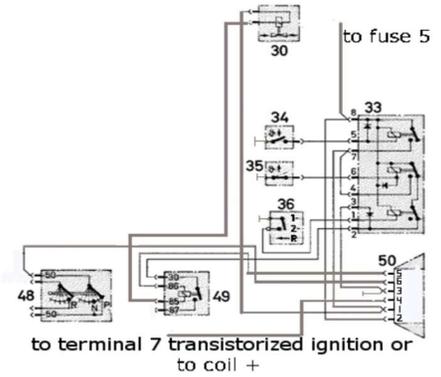
OVERVIEW AND DIAGRAMS



The numbers in red relate to the picture on the left

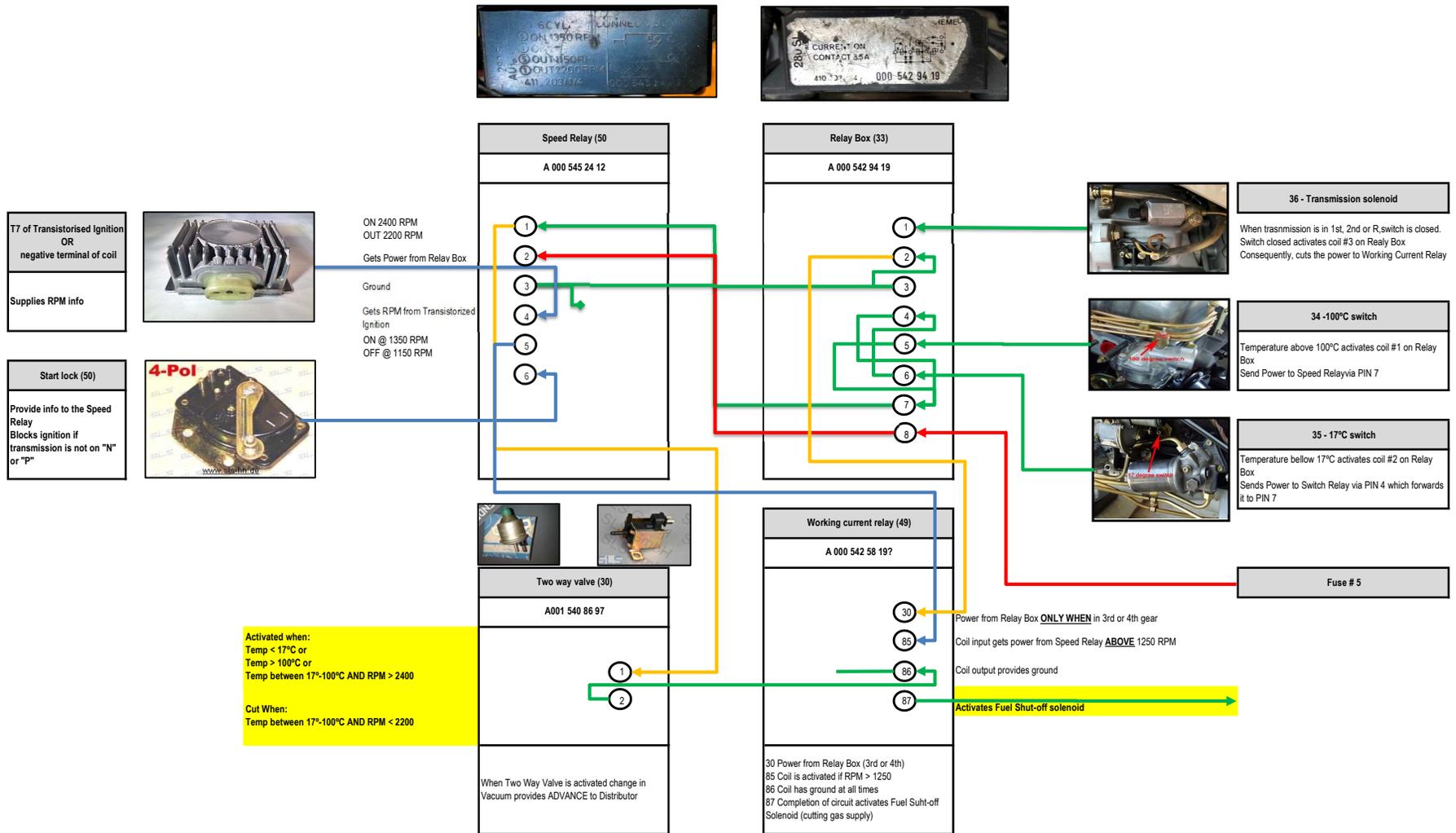
4	5
Speed Relay	Relay Box
29	9
Working current relay	Two way valve

- 30 - Two Way Valve
- 33 - Relay Box
- 34 - 100°C switch
- 35 - 17°C switch
- 36 - Transmission solenoid
- 48 - Start lock
- 49 - Working Current Relay
- 50 - Speed relay



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When the **Two Way Valve** is engaged (current flows), it opens atmospheric pressure to distributor and therefore, cancel retard.

ADVANCE is provided when

		<u>Switch used</u>
a) Temperature of the coolant bellow 17°C	----->	17°C
b) Temperature of the coolante above 100°C	----->	100°C
c) Within normal temperature, if the engine goes above 2400RPM	----->	RPM 2200-2400

Cutting the Two Way Valve provides RETARD do the Distributor

l) Within normal temperature, if the engine goes bellow 2200RPM	----->	RPM 2200-2400
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**Shut-off solenoid, cuts fuel to zero, when:**

a) Car is in 3rd or 4th gear	----->	Transmission
b) Engine speed above 1250 rpm, and	----->	RPM 1150-1350
c) Accelerator is idling	----->	Venturi