

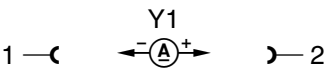


### Hydraulic Test Program – Test (Testing Starting System)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		Check operation of start valve and for leakage		Ignition: <b>OFF</b> Remove start valve and reconnect to fuel line. ECT sensor (B11/2) unplugged. Using two resistance substitution units, simulate 10 kΩ resistance (– 10°C) at connector sockets 2 and 4 as well as at sockets 1 and 3 ( 33, Figure 1 and 2). Hold start valve in a container. Engine: <b>Start</b>  Ignition: <b>OFF</b> Wipe start valve nozzle dry.	Start valve must spray fuel while cranking starter.  No drops of fuel should form.	Replace start valve. Check electrical control of start valve, see 23 ⇒ 31.0.  Replace start valve.

### Hydraulic Test Program – Test (Testing Starting System)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0		After-start enrichment		Ignition: OFF Connect test cable (033) to electrohydraulic actuator (Y1). ECT sensor (B11/2) unplugged. Using two resistance substitution units, simulate 10 kΩ resistance (– 10°C) at connector sockets 2 and 4 as well as at sockets 1 and 3 ( 33, Figure 1 and 2). Engine: <b>Start</b>	See Table I for current values.	23 ⇒ 13.0.

### Hydraulic Test Program – Test (Testing Starting System)

**Table I**      **Test and Adjustment Data**

Engine	Current at EHA with ignition ON (mA)	After-start enrichment at an engine coolant temperature of + 20°C (mA)
104	20	3 – 5 <sup>1)</sup>
119	75	5 – 8 <sup>1)</sup>

<sup>1)</sup> Read value 0 – 15 seconds after startup.