## **DIAGNOSIS** (Continued)

	TEST STEP TOWERS	RESULT	ACTION TO TAKE
A7	CHECK ELECTRICAL RESISTANCE OF FUEL PUMP		
rijoo.	Check for continuity through fuel pump by connecting ohmmeter to pump power and ground wire leads as close to fuel pump as possible.	Yes Annual Control of the Control of	If fuel pump runs, GO to A8. If fuel pump does not run, GO to A10.
	Is there continuity through the fuel pump?	No No and exist annum of a soluting a soluti	RECHECK as in A2. If fue pump runs, GO to A3. If fuel pump does not run, RECHECK fuel pump connectors for oversize connectors or other source of non-continuous electrical circuit.
		3. 1.20 kg (3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	SERVICE as required, GO to A3.
A8	CHECK FUEL PUMP STATIC PRESSURE (IN-LINE FUEL FILTER CHECK)	ALE O TO REMAIN PLETTER PLET.	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
	<ul> <li>Install a second fuel pressure tester on schrader valve equivalent installed between fuel pump and the in-line fuel filter, as close to fuel pump as possible.</li> <li>Operate fuel pump as in A3 and compare pressure observed at the fuel injection supply manifold with the pressure observed at the fuel pump.</li> <li>Is pressure at fuel pump within 68 kPa (10 psi) of fuel injection supply manifold pressure?</li> </ul>	Yes a manageth organia No esuce symptom man ent of the distribution of the second of the distribution of the continuous entropy and the continuous of the Caspa Had	REPLACE in-line fuel filte and GO to A3. If pressure is OK, GO to A4. If pressure is not OK, RECHECK fuel lines for kinks or other restrictions. SERVICE
	NOTE: When fuel pump is not in operation, the fuel delivery system is at the same pressure, regardless of location of pressure tap. Therefore, both gauges should read the same pressure when pump is not in operation. Any difference in pressure readings when fuel pump is not in operation is due to pressure gauge error.	THE SERVICE OF SERVICE	and RECHECK as in Step A3.
A9	TEST FUEL PUMP CHECK VALVE		
	<ul> <li>Install fuel pressure tester on schrader valve equivalent installed between fuel pump and in-line fuel filter, as close to fuel pump as possible.</li> <li>Operate fuel pump momentarily as in A2 and bring pressure to about system pressure.</li> <li>Observe fuel pressure for one minute.</li> <li>Does pressure remain within 34 kPa (5 psi) of starting pressure over one minute period?</li> </ul>	Yes No	GO to A5.  REPLACE fuel pump assembly. RECHECK pressure as in Step A3.
10	CHECK STATIC FUEL PUMP CURRENT DRAW	100 680 July 2 2 2 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2	ka k
	<ul> <li>Install an ammeter in series with the fuel pump electrical circuit.</li> <li>Operate fuel pump as in A2.</li> <li>Is current draw within 2-9 amps?</li> </ul>	Yes  APPRICATE AND THE PRICE OF	Static test of fuel pump is OK. GO to A14 to check injectors. Dynamic testing may be required to detect root cause.
		To promote the company of the promote the	REPLACE fuel pump assembly. If current is high, contamination may be a concern. INSPECT
		dibby bus diev 5.01 wed valu Tareflov	fuel tank for debris and
11	CHECK FUEL PRESSURE REGULATOR	i sas primaren Wilsen operation in compa kan	esit not meteve
	<ul> <li>Disconnect return line at fuel pressure regulator.</li> <li>Connect outlet of regulator to appropriate receptacle to catch return fuel.</li> <li>Run fuel pump as in Step A2.</li> </ul>	Yes No	GO to A18.  REPLACE fuel pressure regulator. RECHECK pressure as in Step A3.