DIAGNOSIS AND TESTING (Continued)

CONUNCTION OF THE STEEL SHOWS A CONTROL TO THE CONTROL OF THE CONT CLUSTER TOO DIM (Continued)

ni amanana kang	TEST STEP	RESULT	\triangleright	ACTION TO TAKE
TB3	CHECK DIMMER VOLTAGE			en e
	Disconnect battery ground cable.	No	>	REPLACE cluster.
	Remove cluster as outlined and disconnect Connectors A and B.	Yes	>	SERVICE Circuit 19 and
	 Connect battery ground and turn ignition to RUN. 		Syste	dimmer for short to battery or run circuits.
	 Ensure headlamps are off. Measure dimmer voltage to ground (Connector A, Pin 19). 	en e		WORRGANDERO BAT
	Is voltage greater than 3 volts?	Pinyodni Tarcia		

PINPOINT TEST TC: has Valletings and the sales are DISPLAY SCRAMBLED, SEGMENTS HALF ILLUMINATED (GHOST SEGMENTS), SEGMENTS BLINKING OR MISSING, DISPLAY INCORRECT ALL THE TIME, DISPLAY STUCK WITH ALL SEGMENTS ON.

TEST STEP		RESULT	ACTION TO TAKE
TC1	VERIFY CONDITION		
	Turn ignition switch from OFF to RUN and observe the display prove out. All segments on one second,	Prove out	System OK.
	all segments off one second followed by a normal	Prove out does not	REPLACE cluster.
N 100 (1 CN 2010)	display.	operate properly	INCI CAOL Cluster.

PINPOINT TEST TD: CLUSTER WILL NOT DIM OR DOES NOT DIM PROPERLY MUSE Of ABBRIDGE 1888

	TEST STEP CONTROL	RESULT	ACTION TO TAKE
TD1	VERIFY CONDITION TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	News and the second of the	g alvode agstjolf 🔞 🕟 🔻
	 Turn ignition to RUN. Turn headlamps on. Dimmer should control cluster illumination from 65 percent to almost off. Does cluster dim properly? 	Yes HOTTORU No Vynder TTAG	System OK. GO to TD2.
TD2	CHECK DIMMER VOLTAGE		
	 Disconnect battery ground cable. Remove cluster as outlined. Connect battery ground cable. 	Yes No	System OK. REPLACE cluster.
	 Turn ignition to RUN. Turn headlamps on. Voltage at Connector A, Pin 13 should vary from 5 volts to battery voltage while operating dimmer. Does voltage vary within range? 	The act of the control of the contro	2000 XEE OF CHEST CARE THE CHEST CHE

PINPOINT TEST TE: TEMPERATURE GAUGE DISPLAY BLANKS OUT THERMOMETER SYMBOL AND LIGHTS TOP TWO AND BOTTOM TWO BARS OF GAUGE

	TEST STEP RAIC DOT 8	RESULT		ACTION TO TAKE
TE1	VERIFY CONDITION EDURAGE		18 198	
	. A few temperatories for Persilies I in the I	ili eart a parties comme		GO to TE2.
TE2	CHECK FOR TEMPERATURE SENDER SHORT		fo hiad	i sea of adeito . e
	Unplug wire temperature sender. Turn ignition to RUN. Temperature gauge should indicate COLD with	Temperature gauge indicates as specified		REPLACE temperature sender.
	bottom bar illuminated.	Temperature		GO to TE3.
in No Purkinadamps OFF		gauge does not	84,641	
		indicate as specified	i 8 chest	
TE3	CHECK FOR SHORT IN WIRING			
	Disconnect battery ground cable. Unplug wire temperature sender. Remove cluster.	Resistance greater than 15,000 ohms		REPLACE cluster.
	 Measure resistance between Pin 4A and Pin 8A (GND). 	Resistance less than 15,000 ohms		SERVICE wiring Circuit 39 for shorts.