

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST A: TACHOMETER INOPERATIVE, ERRATIC, WRONG INDICATION

TEST STEP		RESULT	ACTION TO TAKE
A1	CHECK OPERATION	Inoperative Erratic or wrong indication	GO to A2.
	<ul style="list-style-type: none"> Check tachometer operation. 		GO to A3.
A2	CHECK FUSE	Yes No	GO to A3.
	<ul style="list-style-type: none"> Check tachometer fuse. Is fuse OK? 		REPLACE fuse.
A3	CHECK WIRING	Yes No	GO to A4.
	<ul style="list-style-type: none"> Check for loose wiring connections in engine compartment and at instrument cluster. Are all connections OK? 		SECURE loose connections.
A4	CHECK RESISTANCE AND VOLTAGE	Yes No	GO to A5.
	<ul style="list-style-type: none"> Disconnect battery. Remove instrument cluster and make resistance and voltage checks at 14401 wire harness connector as follows (refer to pin locations below): <ul style="list-style-type: none"> Check Pins 6 and 11 resistance to chassis ground—should read 1 ohm or less. For Taurus/Sable check Pin 7 resistance to negative terminal of ignition coil should be 1 ohm or less. For Taurus SHO models check Pin 7 resistance to Pin 6 of DIS module. Should be 1 ohm or less. Connect battery. Turn ignition switch ON. Check for + 12V at Pin 10. Turn ignition switch OFF. Disconnect battery. 		Condition is not in tachometer. SERVICE wiring.
<p>14401 HARNESS CONNECTOR TO INSTRUMENT CLUSTER AS VIEWED FROM REAR OF HARNESS K19356-A</p>			
<ul style="list-style-type: none"> Is all voltage and resistance within specifications? 			
A5	CHECK CONNECTOR CLIPS	Yes No	REPLACE tachometer.
	<ul style="list-style-type: none"> Check for loose tachometer connector clips on rear of instrument cluster, or damaged printed circuit. Are connector clips OK? 		TIGHTEN or REPLACE clips. REPLACE printed circuit.

TK16970B