

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST A:

INSUFFICIENT OR NO A/C COOLING—FIXED ORIFICE TUBE CYCLING CLUTCH SYSTEM

TEST STEP	RESULT	ACTION TO TAKE
A1 VERIFY THE CONDITION		
<ul style="list-style-type: none"> ● Check system operation. ● Does system cool properly? 	Yes No	INSTRUCT vehicle owner on proper use of the system. GO to A2.
A2 CHECK A/C COMPRESSOR CLUTCH		
<ul style="list-style-type: none"> ● Does the A/C compressor clutch engage? 	Yes No	GO to A3. REFER to clutch circuit diagnosis in this section.
A3 CHECK OPERATION OF COOLING FAN		
<ul style="list-style-type: none"> ● Check to ensure electro-drive cooling fan runs when the A/C compressor clutch is engaged. ● Is cooling fan operational? 	Yes No	GO to A4. REFER to engine cooling fan circuit diagnosis, Section 03-03.
A4 COMPONENT CHECK		
<ul style="list-style-type: none"> ● Underhood check of the following: <ul style="list-style-type: none"> — Loose, missing or damaged compressor drive belt. — Loose or disconnected A/C clutch or clutch cycling pressure switch wires/connectors. — Disconnected resistor assembly. — Loose vacuum lines or misadjusted control cables. ● Inside vehicle check for: <ul style="list-style-type: none"> — Blown fuse/proper blower motor operation. — Vacuum motors/temperature door movement—full travel. — Control electrical and vacuum connections. ● Are components OK? 	Yes No	GO to A6. SERVICE and GO to A5.
A5 CHECK SYSTEM		
<ul style="list-style-type: none"> ● Check system operation. ● Does system operate properly? 	Yes No	Condition corrected. GO to A1. GO to A6.