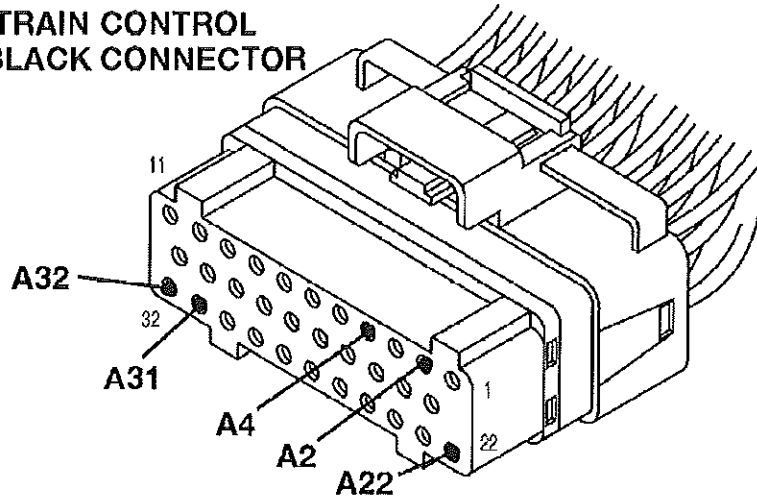


TEST NTC-11A CHECKING THE PCM POWER AND GROUND CIRCUITS

Perform TEST NTC-1A OR NTC-10A Before Proceeding

TJ BODY

POWERTRAIN CONTROL MODULE BLACK CONNECTOR



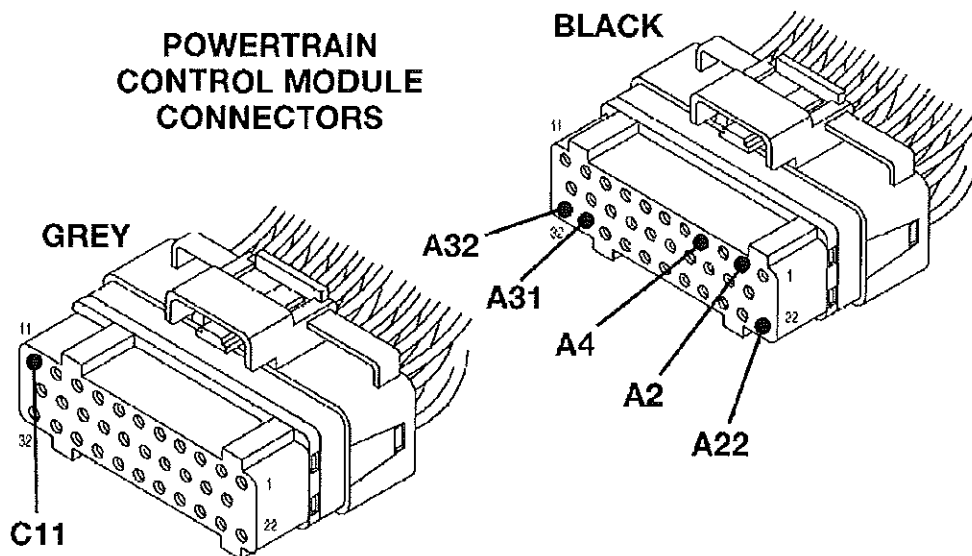
CAV	COLOR	FUNCTION
A2	RD/LG	Ignition Switch Output
A4	BR/YL	Sensor Ground
A22	RD/WT	Fused B(+)
A31	BK/TN	Ground
A32	BK/TN	Ground

FIG. 1

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ZJ BODY

POWERTRAIN CONTROL MODULE CONNECTORS



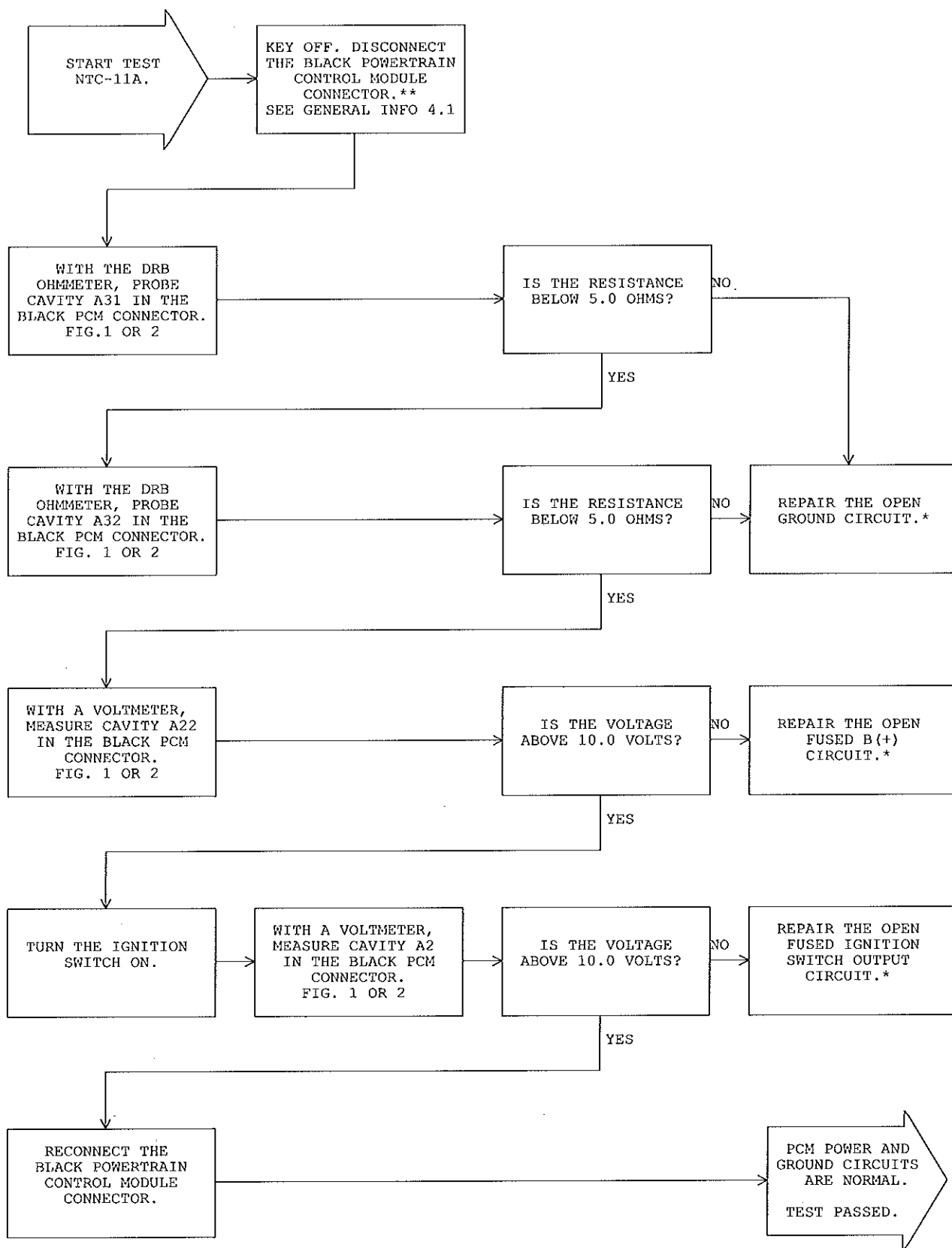
CAV	COLOR	FUNCTION
A2	OR	Fused Ignition Switch Output
A4	BK/LB	Sensor Ground
A22	RD/YL	Fused B(+)
A31	BK/TN	Ground
A32	BK/TN	Ground
C11	YL/RD	12-Volt Supply

FIG. 2

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TEST NTC-11A CHECKING THE PCM POWER AND GROUND CIRCUITS

Perform TEST NTC-1A OR NTC-10A Before Proceeding



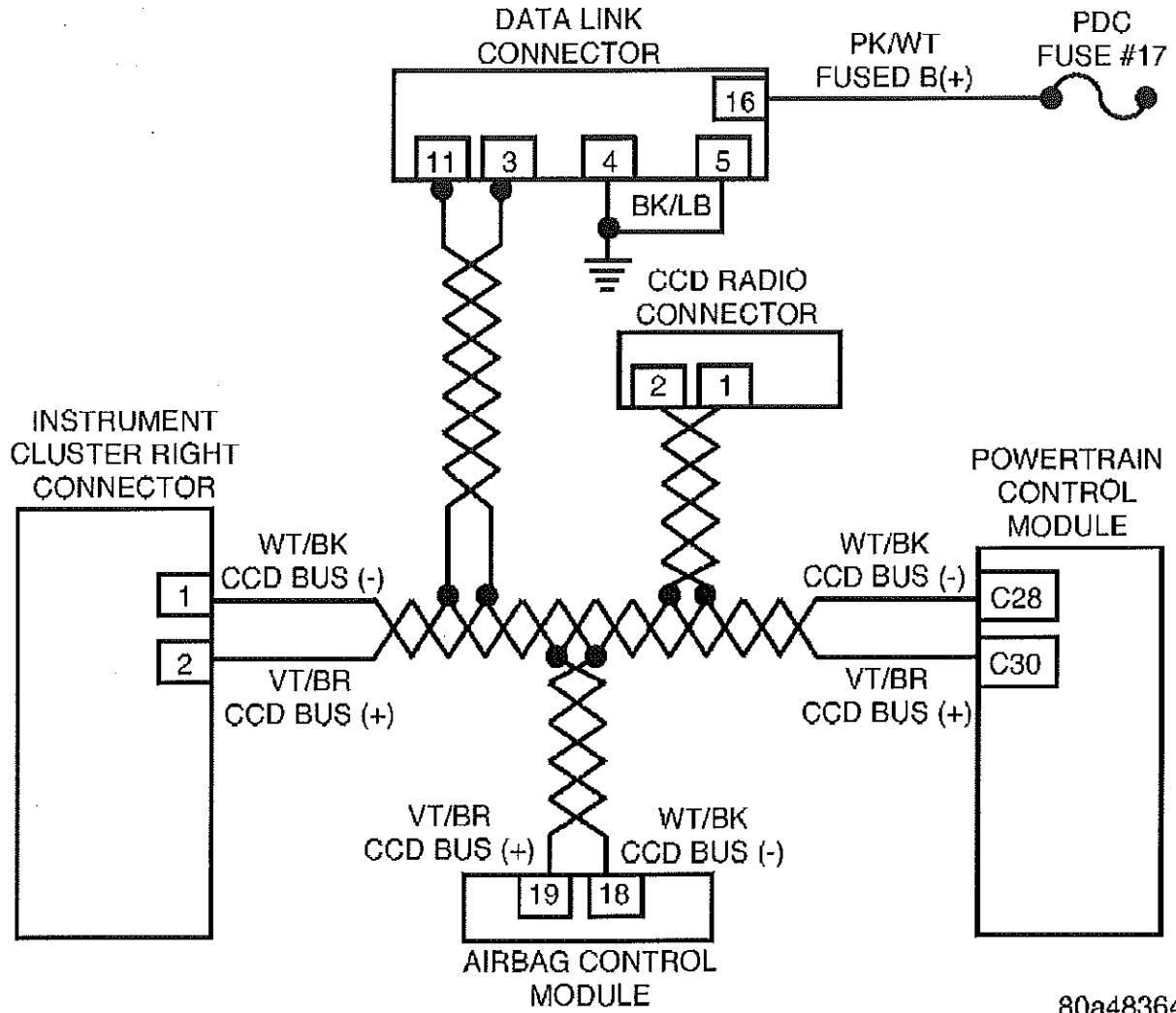
*Perform Verification TEST VER-2A.

**Check connectors - Clean / repair as necessary.

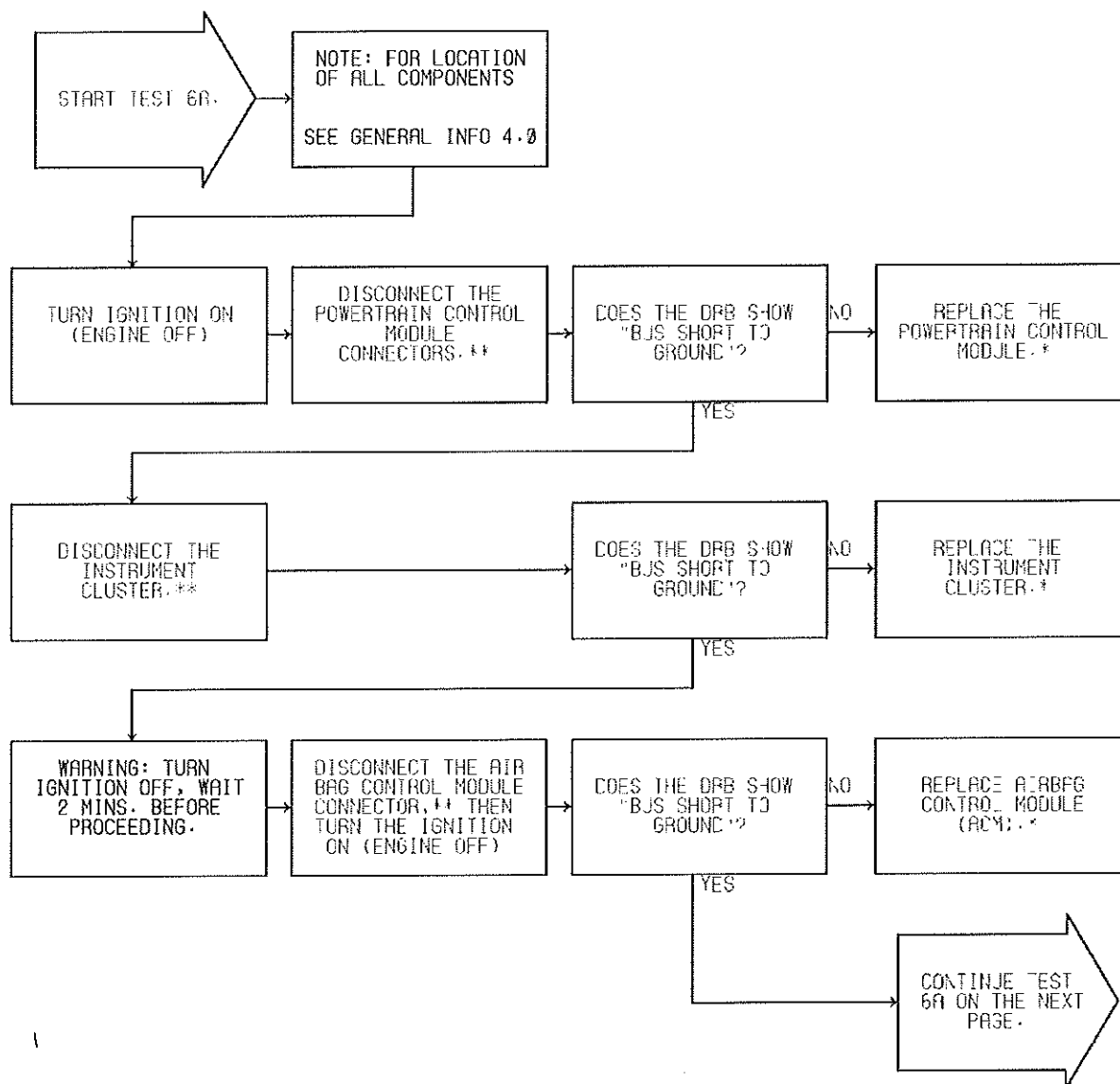
TEST 6A

REPAIRING SHORT TO GROUND FAILURE

Perform TEST 1A Before Proceeding

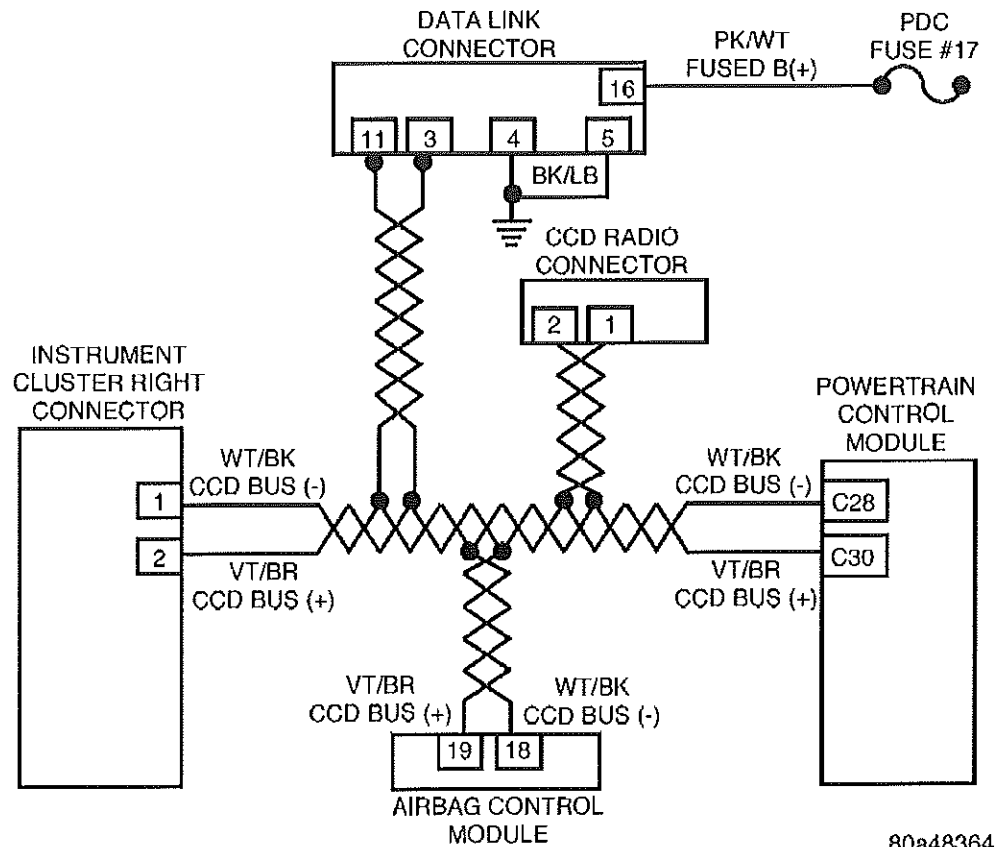


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TEST 6A**REPAIRING SHORT TO GROUND FAILURE****Perform TEST 1A Before Proceeding*****Perform Verification TEST VER-2A.******Check connectors - Clean / repair as necessary.**

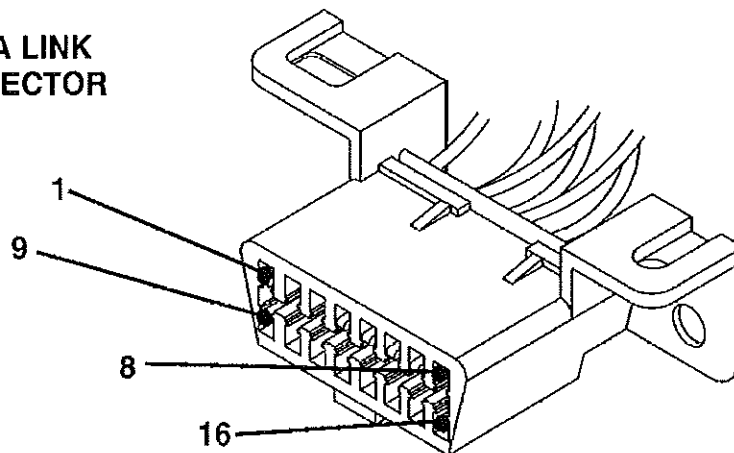
TEST 6A

CONTINUED - REPAIRING SHORT TO GROUND FAILURE



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DATA LINK CONNECTOR



CAV	COLOR	FUNCTION
3	VT/BR	CCD BUS (+)
4	BK/LB	GROUND
5	BK/TN	GROUND
6	LG	SCI RECEIVE
7	PK	SCI TRANSMIT/ISO 9141K
11	WT/BK	CCD BUS (-)
16	PK/WT	FUSED B(+)

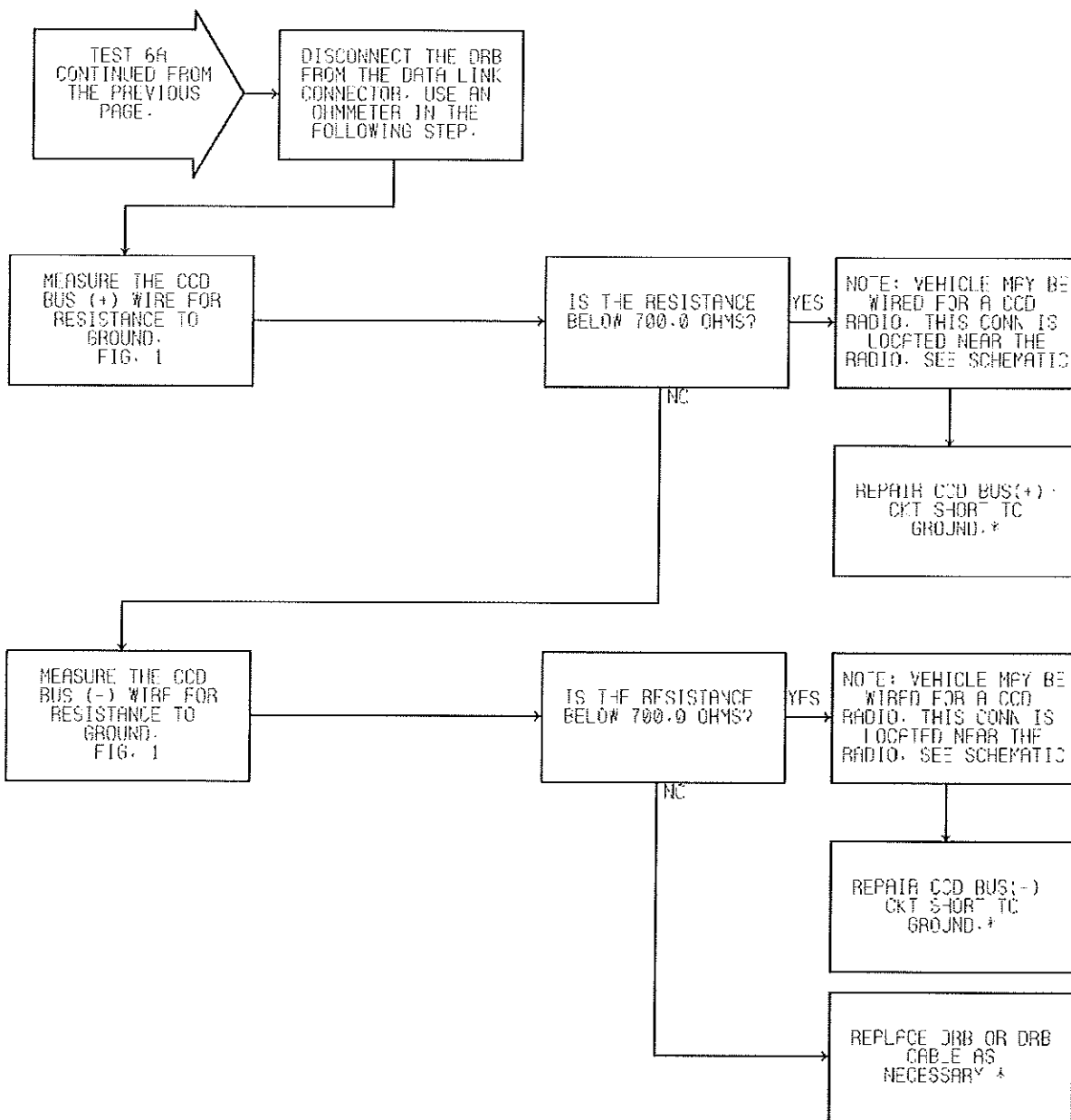
80a4508e

FIG. 1

TEST 6A

CONTINUED - REPAIRING SHORT TO GROUND FAILURE

VEHICLE COMMUNICATION



*Perform Verification TEST VER-2A.

**Check connectors - Clean / repair as necessary.