Electrical Test Program – Call Placement/Reception Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	**Call placement** In Use indicator		Ignition: **ON** Radio: **ON** CTEL: **ON** Handset securely in cradle. Known good service area. Place call from CTEL to landline telephone (vehicle should be outside). Call is in progess.	Indicator lights up.	24, 27.
1.1	Audio switchover		Call is in progress.	Radio is muted, TEL appears on radio faceplate.	26
1.2	Intercept tone (alternating high/low tone)		Call is in progress.	No audible tone heard.	Number dialed incorrectly, Cellular service not actvated: contact carrier.
1.3	Fast-busy signal		Call is in progress.	No fast-busy signal heard.	If fast-busy signal: cellular system busy (no open channel), contact carrier if problem persists.

Electrical Test Program – Call Placement/Reception Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.4	Hands-free function		Call went through to landline telephone. Handset securely in cradle.	Hands-free microphone functions.	27, 28.
				Audio heard through vehicle CTEL speakers.	25 ⇒ 1.0 (model 129), 25 ⇒ 4.0 (model 140), Wiring.
1.5	Handset function		Call went through to landline telephone. Remove handset from cradle. Terminate telephone call (Press *END*).	Handset is functional. No audio through vehicle CTEL speakers.	27

Electrical Test Program – Call Placement/Reception Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0	**Call reception** Audio switchover		Ignition: **ON** Radio: **ON** CTEL: **ON** Handset securely in cradle. Known good service area. Place call from landline telephone to CTEL (vehicle should be outside). Call is in progess. Incoming radio mute feature programmed in second menu.	Radio is muted, TEL appears on radio faceplate.	Verify Menu programming, 26
2.1	Ringing tone		Call is in progress.	Audible ringing is heard through vehicle CTEL speakers.	25 ⇒ 1.0 (model 129) 25 ⇒ 4.0 (model 140)
2.2	IDC display		Call is in progress.	IDC display indicates INC CALL PRESS SND and display backlighting flashes.	Contact carrier, 27.

Electrical Test Program – Call Placement/Reception Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.3	Hands-free function		Call went through to CTEL. Handset securely in cradle.	Hands-free microphone functions. Audio heard through vehicle CTEL speakers.	27, 28. 25 ⇒ 1.0 (model 129), 25 ⇒ 4.0 (Model 140), Wiring.
2.4	Handset function		Call went through to CTEL. Remove handset from cradle. Terminate telephone call (Press *END*).	Handset is functional. No audio through vehicle CTEL speakers.	27