Hands-Free Module (HFM) Diagnostic Tree

18 Way Connector: (*Mobile-Ease Module*)	Pin	Description	Value
	10	RUN/ACC	12V
	11	VCC	12V

4-way HMI (Keypad) Connector:	Pin	Description	Value
	1	VCC	8V

VR (Voice Recognition) Button:

Once installation is complete, turn ignition to ACC and wait for 7 sec. until the green LED flashes on the keypad

Does the green LED flash?

No

Turn key-off, check connection at Radio, HFM and HMI

Yes

press the VR button of the Mobile-Ease

Yes

Check again and does the green LED flash?

No

Check fuses in T-harness

Re-Install T-Harness

Remove Mobile-Ease and check power on the 18 way connector (pin 10 and 11)

Is the Moble-Ease getting power?

Yes

Re-connect the Mobile-Ease and disconnect HMI (keypad) connector

Is there 8V on pin 1 of HMI connector?

No

Replace Mobile-Ease module and verify starting from the top

Yes

Try replacing the HMI (keypad) and verify

No

Replace harness and verify if power is getting to the Mobile-Ease

Is Mobile-Ease responding with “Ready” prompt?

Yes

say “dial” or “help”

Does Mobile-Ease respond to the commands?

Yes

Turn-ON Bluetooth on mobile phone to be paired

Put Mobile-Ease in paring mode (see User’s Guide) and complete the pairing

Set-up is complete

No

Is microphone connected properly? If yes - replace and verify

No

Ensure radio is ON and volume is audible

Check installation if done properly – especially 18 way connector with latch at HFM

Remove T-harness and connect vehicle harness directly to Radio

Is radio audio heard through the speakers?

Yes

No

Perform Audio Diagnostics per Workshop Manual