

 HYUNDAI NEW THINKING. NEW POSSIBILITIES.	GROUP	NUMBER
	CAMPAIGN	15-01-035-1
Technical Service Bulletin	DATE	MODEL(S)
	OCTOBER 2015	TUCSON (TL)

SUBJECT: COLOR TOUCHSCREEN RADIO UPDATE
(SERVICE CAMPAIGN TY0)

This bulletin supersedes TSB 15-01-035 to add a minor change to step 5.

★ IMPORTANT	<p align="center">*** Dealer Stock and Retail Vehicles ***</p> <p>Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.</p> <p>When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.</p>
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DESCRIPTION: This bulletin describes the procedure for updating the Tucson color touchscreen audio system because it incorrectly displays navigation features on the instrument cluster.



Applicable Vehicles:	NON NAVIGATION Certain '16MY Tucson (TL) [Color Touchscreen only]
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WARRANTY INFORMATION:

OP CODE	OPERATION	OP TIME
50C074R1	COLOR TOUCHSCREEN AUDIO UPDATE FOR INCORRECT DISPLAY ON CLUSTER	0.3 M/H

NOTE: Submit claim using the Campaign Claim Entry Screen.

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

PARTS INFORMATION:

Parts Description	Part	P/N	Remarks
2016 TL AUDIO B UPDATE		TL AUDIO B	Update USB for certain 16MY Tucson color touchscreen audio.

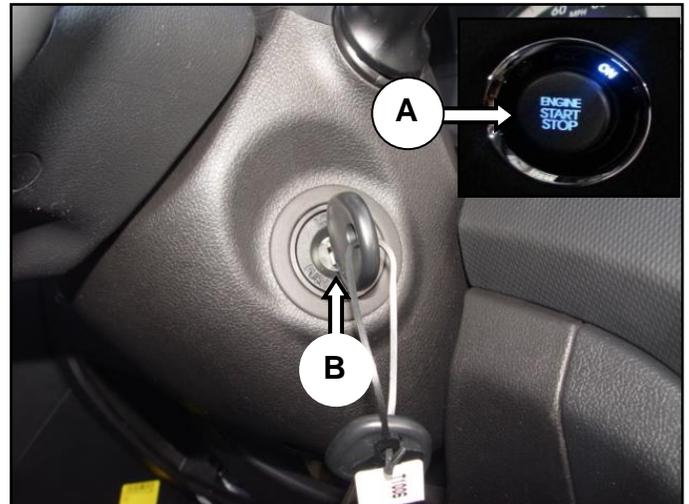
Two USB sticks have been sent to the dealership. Additional Update Media Device can be purchased through the PDC.

Service Procedure: Tucson (TL) Color Touchscreen Audio Software Update.

NOTICE

The S/W update can be completed with the ignition in ACC or with the engine started. Engine start is not required to complete the update. Save all radio presets before conducting the update.

1. Set the vehicle ignition to "ON" by using the key (B), or with the Start Stop Button (A).



2. With the vehicle "ON", verify the Tucson is affected by the Instrument cluster display concern.



- Turn the radio "OFF" by pressing the power button.

NOTICE

The current time and date are shown in the radio "OFF" state (if stored).



- With the radio "OFF", press and hold **TRACK** down button [C] and **CAT** up button [D] at the same time for five seconds: the **CAT** up button should be pressed quickly (0.5 sec) after TRACK down button.

Next release both buttons, then tap **TRACK** down button [C] four times.



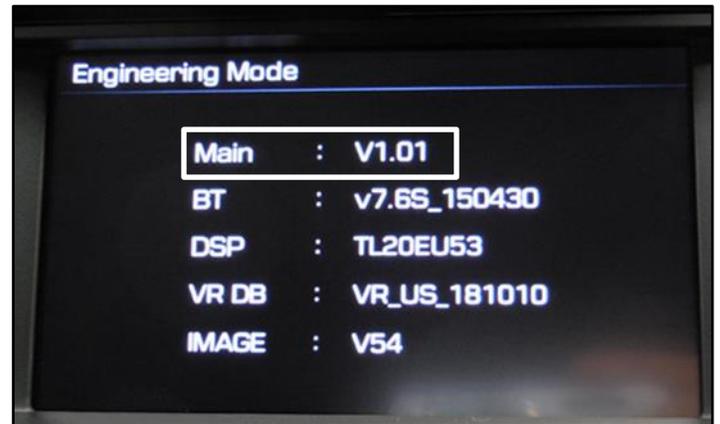
- If the current S/W version is equal to V1.01, continue to the S/W update step (6).

- Update = V1.01
- Do NOT Update ≠ V1.01

NOTICE

Do not update the radio if the current s/w version is not V1.01.

Updating a radio without V1.01 as the current version will permanently corrupt the radio.



- 6. With the ignition in the "ON" position and the radio "OFF", insert the USB update stick into vehicle USB port (E).

NOTICE

Engine start is not required. Inserting the USB with the radio "OFF" will cause the radio to turn "ON".
Turn the radio OFF before proceeding.



- 7. With the radio "OFF", press and hold **TRACK** down button [C] and **SETUP** button [F] at the same time for three seconds: the **SETUP** button should be pressed quickly (0.5 sec) after **TRACK** down button.

Release both buttons when the automatic update begins.

NOTICE

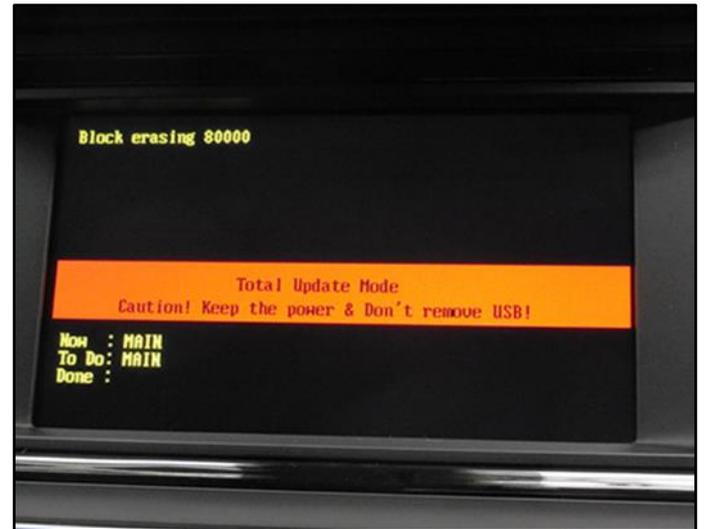
Update using manual mode pg.6 (step 10) if the automatic update does not begin.



- 7a. Software update will begin.

NOTICE

Do not interrupt the update while in progress. Interruptions like ignition "OFF" or USB removal can result in the head unit being permanently disabled.

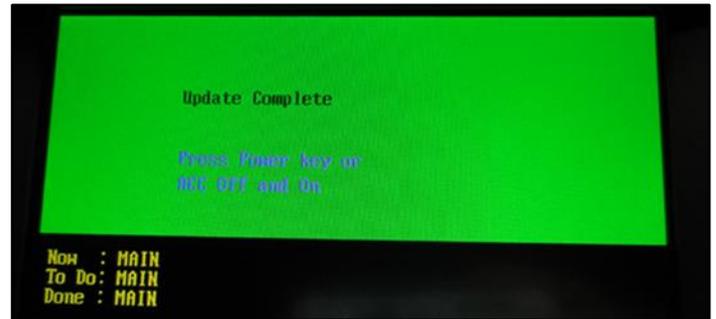


- 7b. The update will continue until complete, the update takes approximately 5 minutes.



- 7c. The completion screen is shown after the update is complete.

Follow the onscreen direction to clear this completion screen.



- 8. After pressing the power button, the radio will restart to the clock screen.



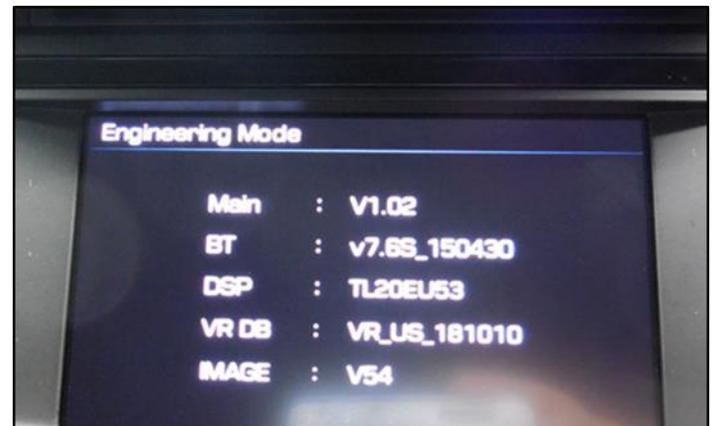
- 9. Use step (4) on page 3 to verify the radio software version is updated.

Main: V1.02

NOTICE

Skip to step 17

**Tucson (TL) Color Touchscreen
Memory Reset Procedure** to complete the update procedure.



Service Procedure: Tucson (TL) Color Touchscreen Audio Software Update Manual Mode.

- 10. With the radio “OFF”, press and hold **TRACK** down button [C] and **CAT** up button [D] at the same time for five seconds: the **CAT** up button should be pressed quickly (0.5 sec) after TRACK down button.

Next release both buttons, then tap **TRACK** down button [C] four times.

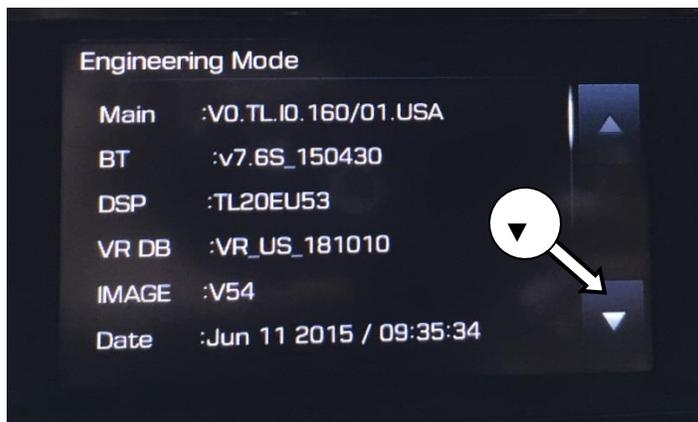
NOTICE If the version information screen is shown before tapping the **TRACK** button four times, repeat engineering mode steps again.



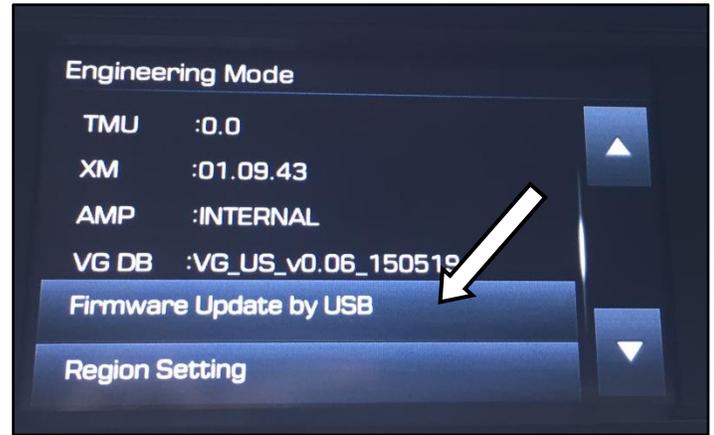
- 11. With the Engineering Mode screen displayed, press the **SETUP** hard button.



- 12. Press the down arrow on the display.



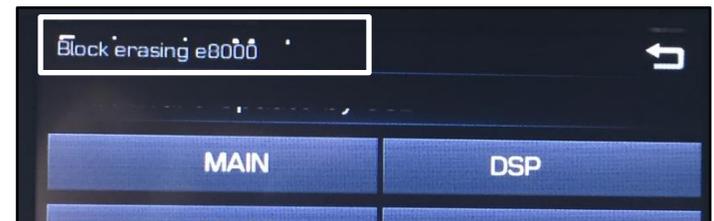
13. Select **Firmware Update by USB**.



14. Select **MAIN**.

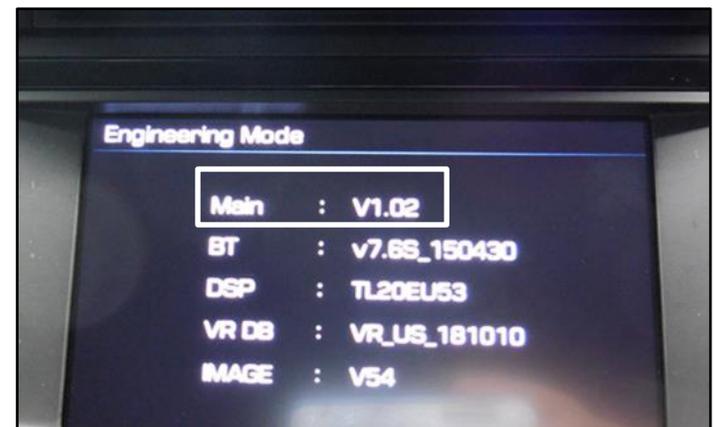


15. Manual Mode update will begin and the top left corner of the displayed screen will show the progress.



16. Use step 4 on page 3 to verify the radio software version is updated.

Main: V1.02



NOTICE

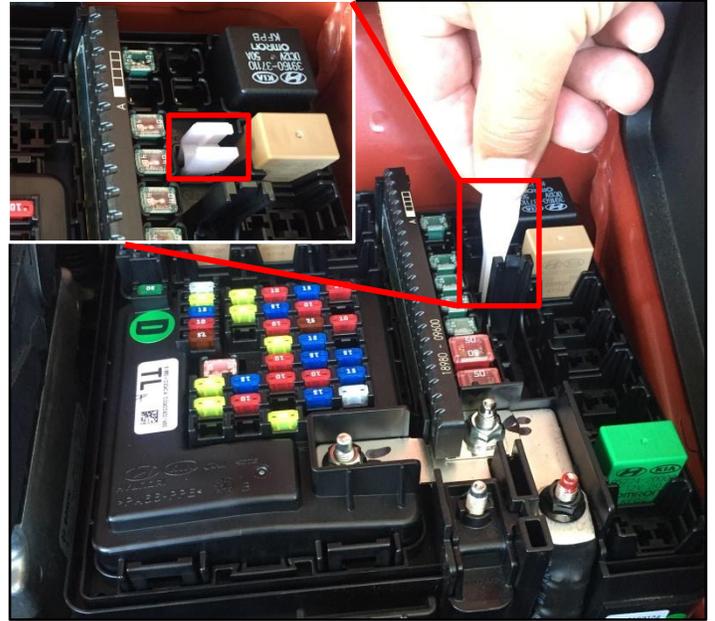
Proceed to step 17
**Tucson (TL) Color Touchscreen
Memory Reset Procedure** to complete
the update procedure.

Service Procedure: Tucson (TL) Color Touchscreen Memory Reset Procedure.

- 17. Locate and remove the fuse puller under the hood near the right corner of the engine bay, inside the power distribution compartment.

CAUTION

The memory reset procedure should be completed with the engine "OFF" and the radio "OFF".



- 18. Locate the 10A memory fuse found in the junction box inside the vehicle.

NOTICE

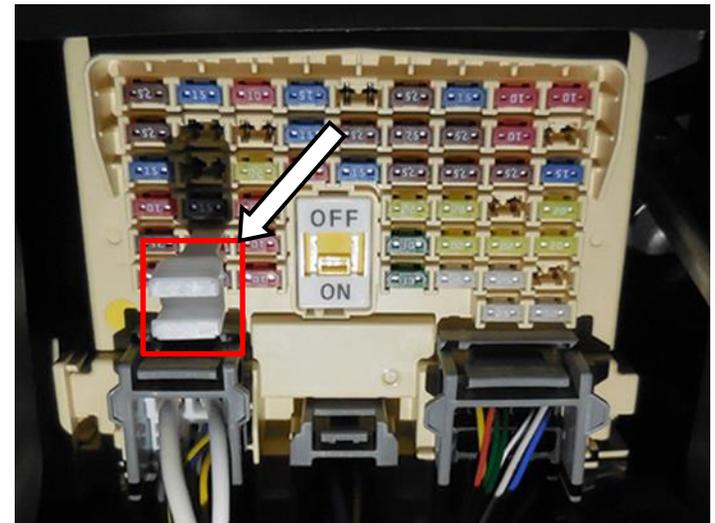
To allow the radio software update to correct the instrument cluster function, the 10A memory fuse for the radio must be removed from the interior junction box for five seconds then reinserted.



- 19. Remove the 10A memory fuse from the interior junction box using the fuse puller.

NOTICE

Re-insert the removed fuse after five seconds have passed.



20. With the memory now cleared, set the ignition to "ON" and verify that the Navigation Tab is no longer shown on the instrument cluster.

If the instrument cluster information is accurate (no Navigation Tab) end service procedure here.

NOTICE

If the Navigation Tab is still shown and the Main version is updated to V1.02, retry the memory reset procedure with the fuse removed for 30 seconds.

