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Technical Service Bulletin

Body Electrical

BE-0090L-0915

Revision

Subject:

Lexus premium navigation - wiping marks on audio navi multidisplay screen after cleaning

Models:

IS250; IS300H; RC F; RC350

Model codes:

GSE30; AVE30; USC10; GSC10

Revision

INTRODUCTION

This Technical Service Bulletin is to inform you of the production change and repair method for the subject phenomenon. Applicable to vehicles produced before the production change effective VIN's / frame numbers shown below.

DESCRIPTION OF PHENOMENON

Some customers may experience and report that after cleaning the audio navigation multi-display screen with a slightly wet cloth or cleaning tissue, wiping marks occur on the screen.

PRODUCTION CHANGE

The production method to coat the multi-display screen with an anti glare coating has changed to ensure a better adhesion of the anti glare coating to the screen.

PRODUCTION CHANGE INFORMATION

Model code	Plant	Production change effective VIN	Implementation date
GSE30		NA 1	Production stopped 1
ASE30L-AEZLZW		JTHBA5D2305003636	28/08/2015
ASE30R-AEZLZW		JTHBA5D2505003752	28/08/2015
AVE30L-AEXEHW		JTHBH5D2205048241	28/08/2015
AVE30L-AEXLHW		JTHBH5D2205048210	28/08/2015
AVE30R-AEXLHW		JTHBH5D2405048225	28/08/2015
USC10L-FCZRHW		JTHHP5BCX05004541	09/09/2015
GSC10L-RCZLHW		JTHHE5BCX05010576	28/08/2015

1. For GSE30 models all vehicles produced between 2013/04 and 2015/08 are concerned.

PARTS INFORMATION

Previous part number	Current part number	Part name	Quantity
86110-53010	86110-53011	Multi-display assy	NA
-	86134-53030	Parts, Multi display	1








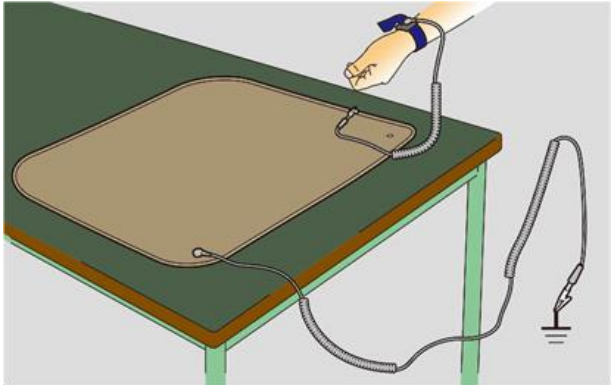
REPAIR PROCEDURE

In the unlikely event that a customer experiences the described phenomenon, perform the following steps.




1. Order the repair kit 86134-53030 (See "Parts information")
2. Remove the multi-display assembly from the instrument panel. To remove the multi-display assembly from the instrument panel consult the vehicle's repair manual.
3. Replace the front cover of the multi-display assembly by the new front cover from the repair kit according to the below rework instruction.



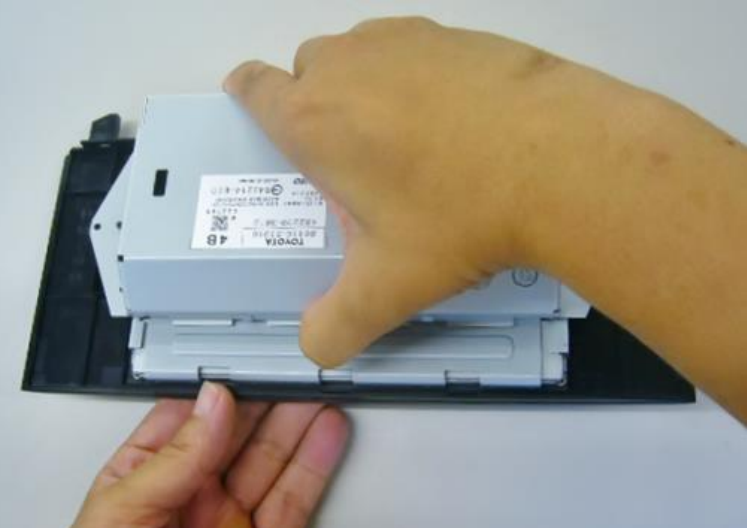
Important notice before starting the rework







<p>After removing the plastic rear cover (see step 6, page 6), the metal casing is not fixed to the LCD panel nor to the plastic front anymore.</p> <p>CAUTION</p>  <p>The metal cover protecting the printed circuit board can be easily removed giving access to the printed circuit board. This metal cover should not be removed.</p> <p>1</p> <p>CAUTION</p>  <p>If accidentally removed, observe precautions against electrostatic discharge.</p>	 
<p>2</p> <p>If available, we advise the rework to be performed on the desktop anti static mat used in the hybrid overhaul (SST: 09890-47010)</p>	


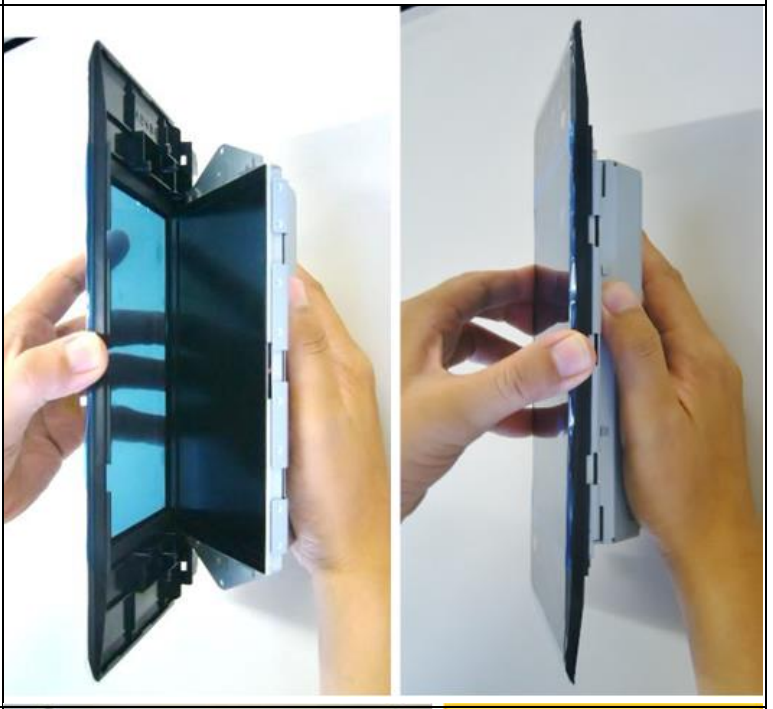
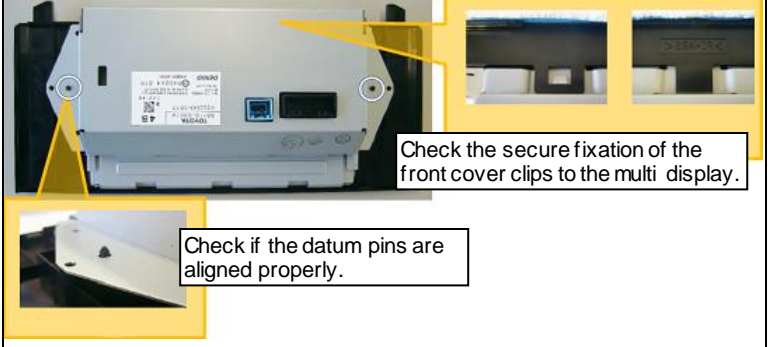
<p>3 Make sure to securely wear an antistatic wrist strap for preventing static electricity.</p> <p>Secure the ground clip of the antistatic mat to the ground point of any structures or work benches.</p>	
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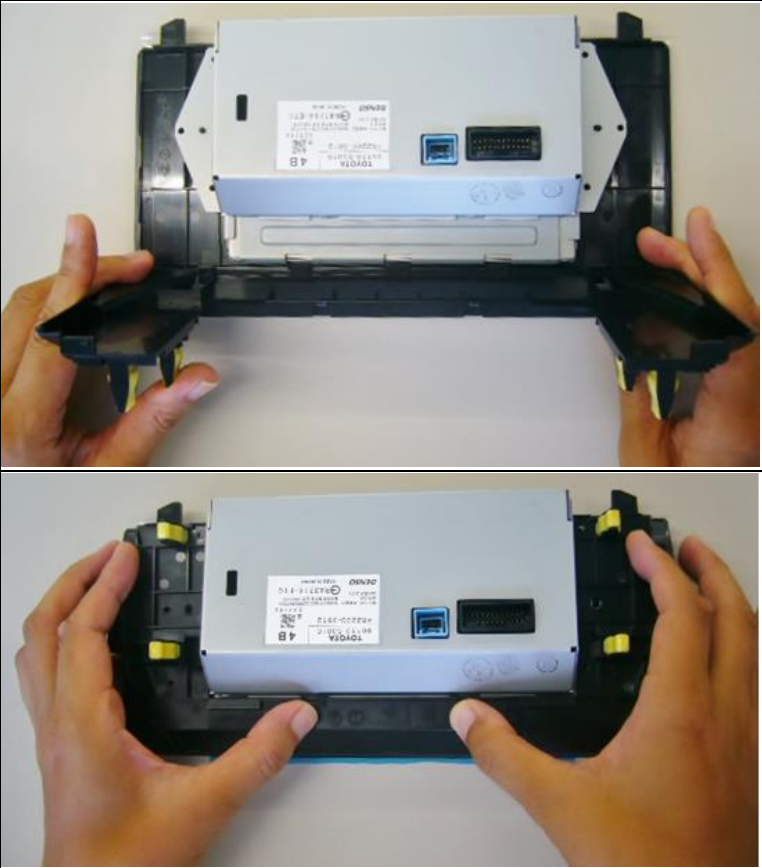
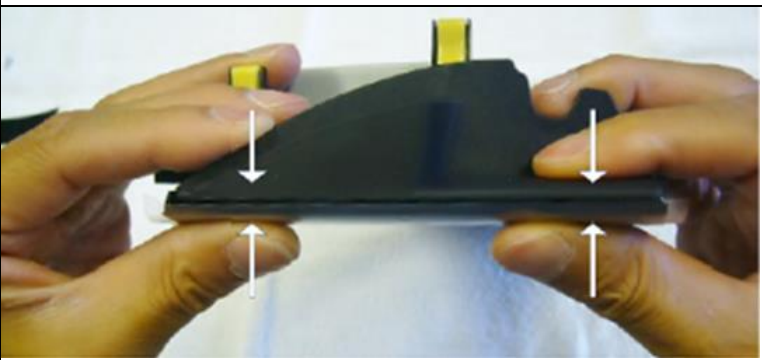

Rework instruction

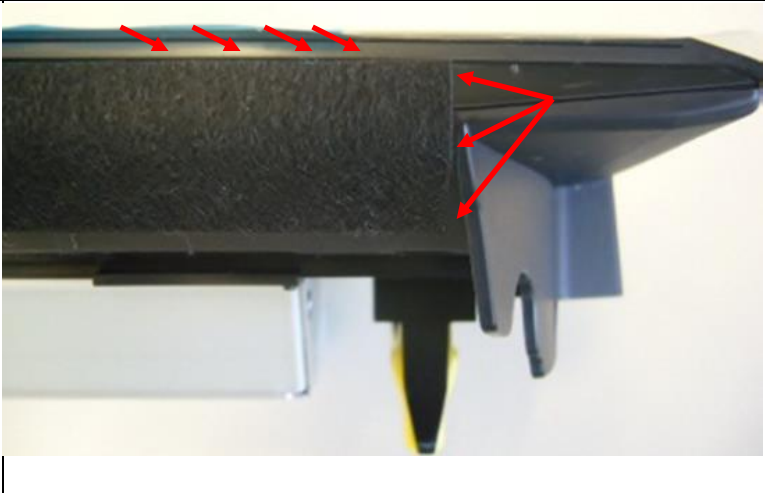
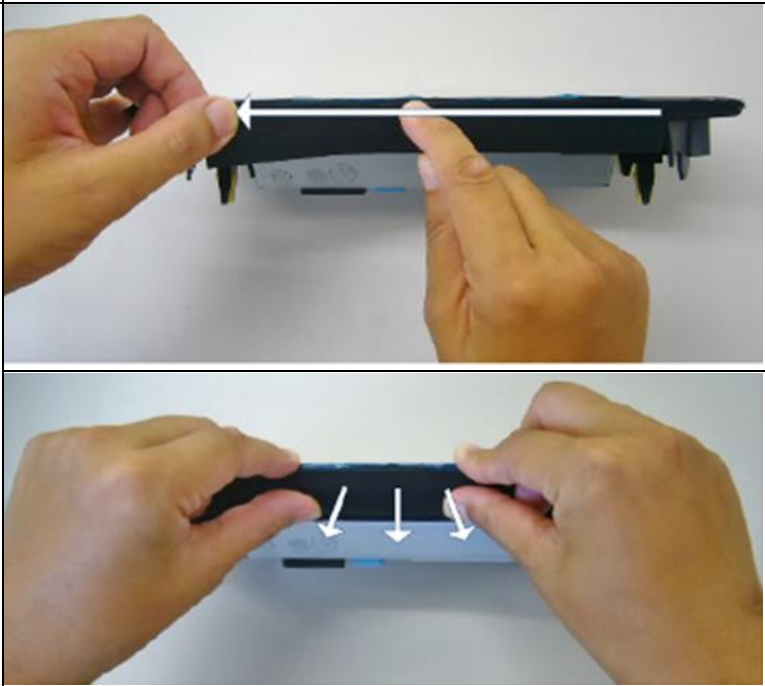
 <p>CAUTION</p>	<p>Wash your hands before starting the rework of the multi-display assembly to avoid contamination of the screen and electronic circuit board.</p>	
<p>1 Remove the insulator attached on the top by pulling it slowly from the edge.</p>		
<p>2 Put the multi-display with the front face down on a table.</p>		

<p>3</p>	<p>Remove the six screws from the rear cover.</p>	
<p>4</p>	<p>Remove the rear cover by pulling slightly upwards at the pins.</p>	
<p>5</p>	<p>Pick up the remaining parts. With the one hand support the metal casing and the multi-display's LCD panel. With the other hand support the plastic front cover. Turn the multi-display over so that it rests in your hand.</p>	

<p>CAUTION</p>  <p>Be careful, the metal casing is not fixed to the LCD panel nor to the plastic front. Observe precautions against electrostatic discharge.</p>	
<p>Slightly tilt away the front cover from the multi-display's LCD panel.</p> <p>When the angle between front cover and the LCD panel is approx. 30°, move the front cover slightly back and front to release the pins.</p> <p>6 CAUTION</p>  <p>Be careful, the metal casing is not fixed to the LCD panel nor to the plastic front. Observe precautions against electrostatic discharge.</p>	
<p>Remove the front cover and hold the LCD panel in your hand.</p> <p>CAUTION</p>  <p>Don't touch the LCD screen with your fingers.</p> <p>7</p>	

<p>8</p> <p>Take the new front cover from and bring it towards the LCD panel of the multi-display.</p>	
<p>9</p> <p>Assemble the front cover and the multi-display's LCD panel in the reverse order how it was disassembled.</p>	
<p>10</p> <p>Check if the multi-display is properly fitted to the front cover.</p> <ul style="list-style-type: none">- Datum pins aligned- All clips are securely fitted	

11	Re-assemble the rear cover	
12	Slightly push front and rear cover together to have a tight fit.	
13	Using the 6 screws, secure front and rear cover together.	

14	Align the insulator tape according the image	
15	Install the insulator tape by applying some slight pressure.	
16	Install the multi-display back in the vehicle according the repair manual.	