

Interruption to playback (randomly skips tracks) of music from USB stick through KeylessGo Start.

Topic number	LI82.85-P-064064
Version	1
Design group	82.85 Navigation and Communication system (CNS, ICS, COMAND, FleetBoard)
Date	05-10-2016
Validity	Model series 217, 222 faulty playback of music track from USB
Reason for change	
Reason for block	

Complaint:

When using KeylessGo Start a track in the player is randomly skipped if the audio source was USB audio.

Instead of playing currently played song [Last Mode], the player plays the first track.

Cause:

Shielding for USB line not connected to correct pin on head unit (HU).

Remedy:

New pinning on connector X39/72 (1.) and connector A and connector B on component A40/3 (2.).

Reference AR68.20-P-2370LF (Remove/install cover for armrest on center console) and AR82.85-P-1100LF (Remove/install COMAND controller unit) to access connectors.

The location of connector X39/72 is available in attachments 1 and 2.

The positions of connector A and connector B on component A40/3 are available in Attachment 3.

When repairing a wiring harness please observe documents AR00.19-P-0100A (General wiring harness repair methods) and AR00.19-P-0120A (Remove contacts from connectors, female connectors).

Step 1: Re-pin Connector X39/72

Remove following pin contacts from connector X39/72

0.5 YE (Pin 8)

0.5 BK (Pin 7)

0.5 TR (Pin 6)

Install pin contacts in new pinning location of connector X39/72 listed below

0.5 YE (Pin 7)

0.5 BK (Pin 6)

0.5 TR (Pin 8)

XENTRY TIPS

Note - Male spade connectors on MQS contact family required tool 220 589 01 99 60 blade MQS

Step 2: Connector A and connector B on component A40/3

I. Connector B: Remove pin from socket contact on connector B on A40/3

0.5 YE (Pin 8)

Note - Socket contact of MQS contact family required tool 220 589 01 99 60 blade MQS

II. Connector A: Remove pins from socket contact on connector A on A40/3

0.5 BK (Pin 14)

0.5 TR (Pin 10)

Note - Socket contact of contact family MCP2.8 required tool 000 589 13 99 30 blade MCP2.8

III. Replace crimp on 0.5 YE line removed previously removed

Attach line 0.5 YE to new crimp (observe document AR00.19-P-0100-03A)

Note - Part number A 013 545 76 26 (flat-type bushing) / Flat-type bushing of contact family MCP2.8 required tool, crimping set 220 589 01 99 03

IV. Reinstall pin contacts in new location of connector A

0.5 BK (Pin 10)

0.5 TR (Pin 13)

0.5 YE (Pin 14)

Symptoms
Communication/information / Entertainment / USB input / Audio output faulty

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 013 545 76 26			Female contact	1		X

Attachments	
File	Description
Bild1 Mittelkonsole.jpg	Center console
Bild2 Stecker X39-72.jpg	Connector X39/2
Bild3 A40-3 Stecker AB.jpg	Picture 3 A40-3 connector AB

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			5170D 74	

Attachments

XENTRY TIPS

Bild1 Mittelkonsole.jpg:

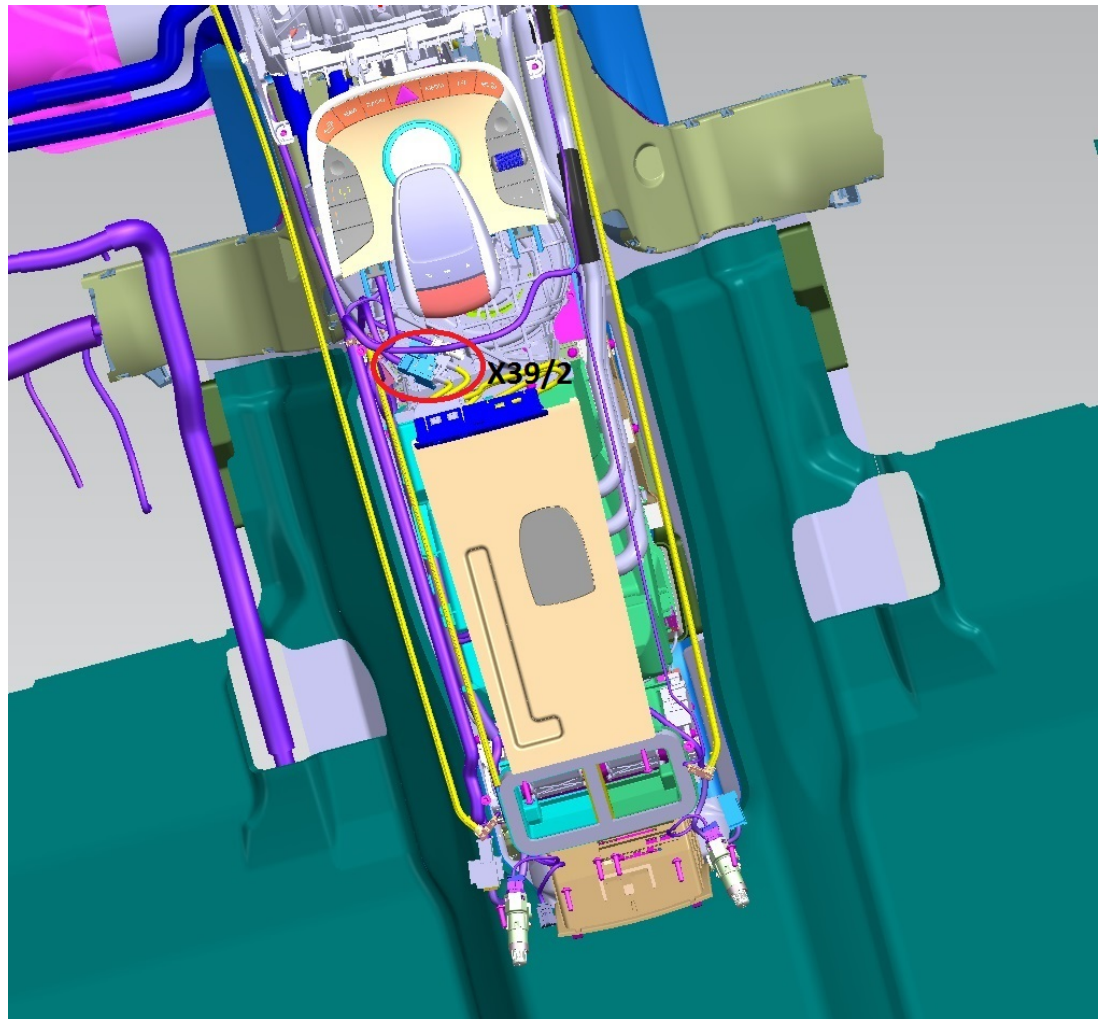
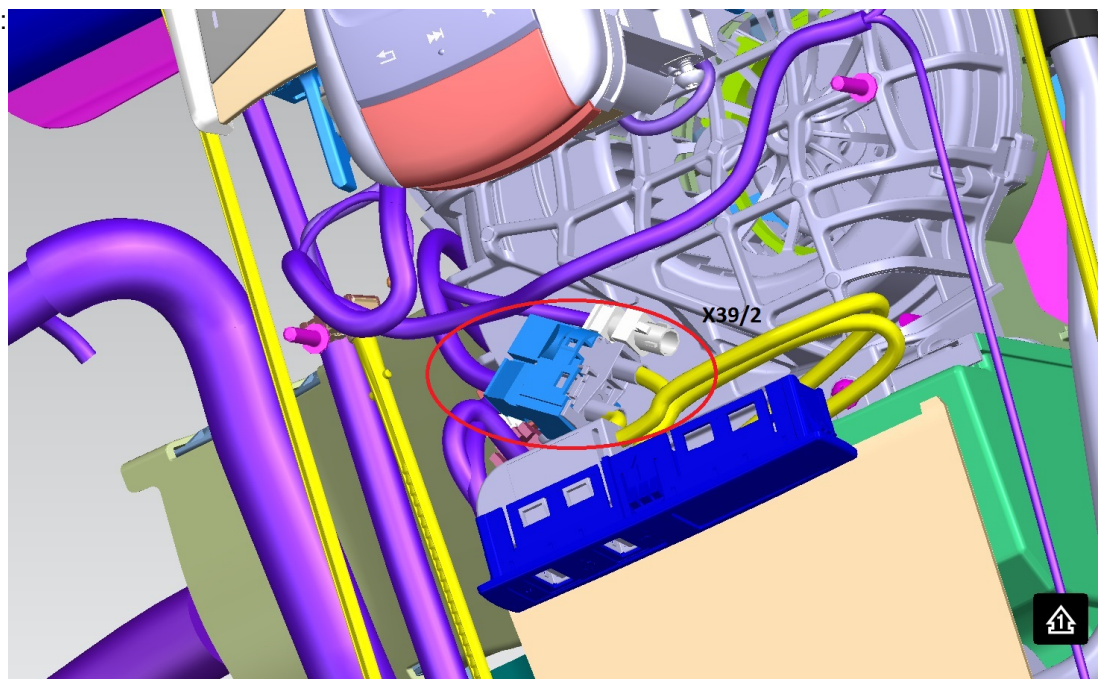


Bild2 Stecker X39-72.jpg:



XENTRY TIPS

Bild3 A40-3 Stecker AB.
jpg:

