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# SERVICE BULLETIN

Subject: TS35 Camera Connection Improvement

Bulletin Type: Field Fix Conditional

Bulletin No: TS35-FC-2501

PQR No: 500000007779

Rev No: 00

Ref. No: 700004856

Vehicle Model: TS35

Flat Rate Time / Code: 60 min.

Date of issue: 24.12.2025

Modify Before: 24.12.2028

What to do with off coming parts:

- Scrap
- Return
- Use with additional parts
- On consignment
- No off coming parts

What to do with outstanding parts of previous revision:

- Scrap
- Return
- Use with additional parts
- On consignment
- No outstanding parts

Modification Description: This bulletin aims to check and improve Camera connections.

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Published & Approved By: Esin Arısoy



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## SAFETY INSTRUCTIONS

### 1. Mechanical Requested Dress Code

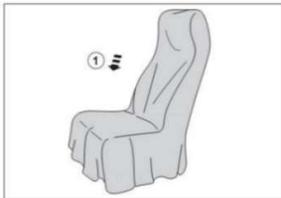


#### WARNING:

- Dress properly to avoid personal injury and damage to the vehicle

- ✓ Always wear protective clothing
- ✓ Do not wear any worn or loose-fitting clothing
- ✓ Remove jewelry before starting to work
- ✓ In case of long hair, use hairnet
- ✓ The illustration on the left shows some of the correct and incorrect clothing
- ✓ Sharp edged items should be avoided in order not to scratch vehicle (i.e. belts, watches, necklace)

### 2. Protect Seats when Mechanic Starts Working



- ✓ Seats, trimming, upholstery stuff and carpeting should be protected with appropriate coverings.

### 3. Welding on the Chassis

- Always disconnect the batteries (starting with the negative lead).
- Disconnect the connectors of electrical and electronic equipment (electronic control units, sensors and actuators) if they are less than 2 meters away from the chassis part to be welded or the earth terminal of the welding equipment.
- The earth terminal should never be attached to vehicle components such as engine, axles and springs. Arcing on these parts is not permitted, because of the risk of damage to bearings, springs, etc.
- The earth terminal must make good contact and be placed as close as possible to the part to be welded.
- Plastic pipes, rubber parts and parabolic springs should be well protected against welding spatter and temperatures higher than 70°.
- The contact switch must not be in the accessory or contact position. The contact key should be removed.
- Reconnect in reversed order of disconnecting. Ensure that a good earth connection is made between chassis, engine and cab.

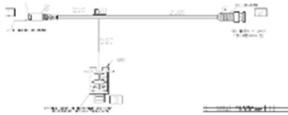
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## ADDED PARTS

No	Part No	Part Name	Picture	Quantity	Unit
1	9404-94Y	CABLE PROTEC.SLOTTED SPIRAL PA6		5	meter
2	9402-96Y	T-MALE-0,5-1,0 mm2		1	piece
3	9402-78Y	T-MALE-0.75-1 mm2		2	piece
4	TH992002Y	TERMINAL, FEMALE		1	piece
5	9401-372	CABLE 1.0mm W-TXL		5	meter
6	9440-001Y	FUSE 3A AUTOMATIC		1	piece
7	RP554159	REAR VIEW CAMERA VEHICLE CON. HARNESS		1	piece
8	64426-60030-01Y	IZOLEBANT (19*33M*0.15)		1	piece

## REMOVED PARTS

No	Part No	Part Name	Picture	Quantity	Unit
1	HD554131Y	REAR VIEW CAMERA MID-CABLE		1	piece



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## APPLICATION STEPS

### HARDWARE (HARNESS) APPLICATION

#### Application to be made in the Relay Panel Area

- Open the vehicle's relay panel area.



Relay Panel



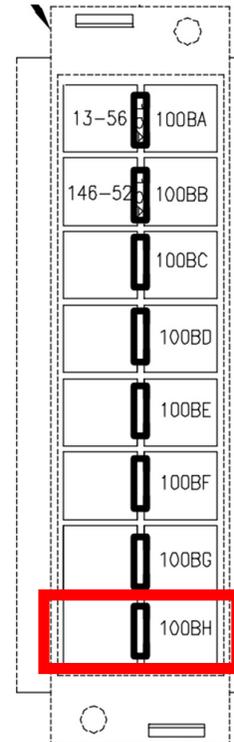
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- 1) Cut 2 meters from cable number 9401-372.
- 2) Using a crimping tool, connect the 9402-78Y terminal to one end of the white cable numbered 9401-372 and the TH992002Y terminal to the other end.



- 3) Connect the terminal of cable number 9401-372 to the empty pin of fuse number 100BH located in the relay panel area.





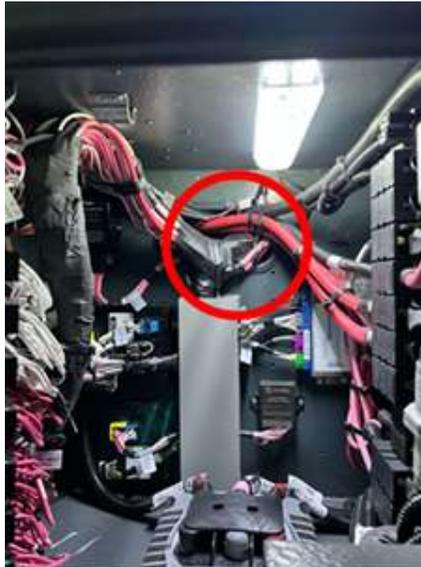
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- 4) Open the compartment containing the transition sockets in the luggage area on the relay panel side of the vehicle.



- 5) Pass cable number 9401-372 through the slotted spiral. Pass the cable you connected to the fuse through the gaps shown in the images below to the area where the transition sockets are located. Remove the sealant from the gap opening into the luggage compartment so that the cable can pass through.





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- Remove the white plug from the pin connected to the SP-08 cable (blue) in the F.BODY labeled socket in this area. Connect the end of the numbered 9401-372 cable, with the 9402-78Y terminal to this pin.



- 6) Using a crimping tool, attach terminal 9402-96Y to one end of numbered 9401-372 3 meter cable and terminal 9402-78Y to the other end.



- 7) Open the cover on the dashboard area of the front door of the vehicle. Find the socket labeled F.BODY in this area.



- Connect the end of the numbered 9401-372 cable you connected to terminal 9402-78Y to the pin to which the SP-08 numbered cable is connected in this socket.



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## Numbered RP554159 Cable Harness

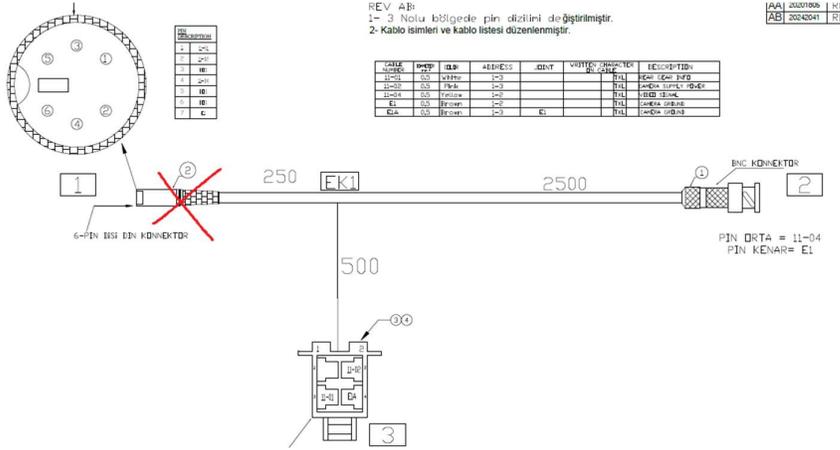
- Remove the cover section under the dashboard by unscrewing the screws.



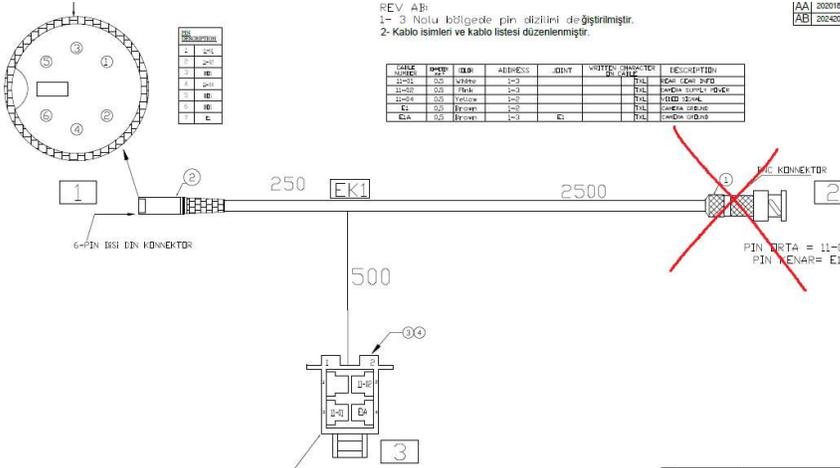
- 1) Locate the vehicle connection wiring for the rearview camera numbered HD554131Y located in the front body area.



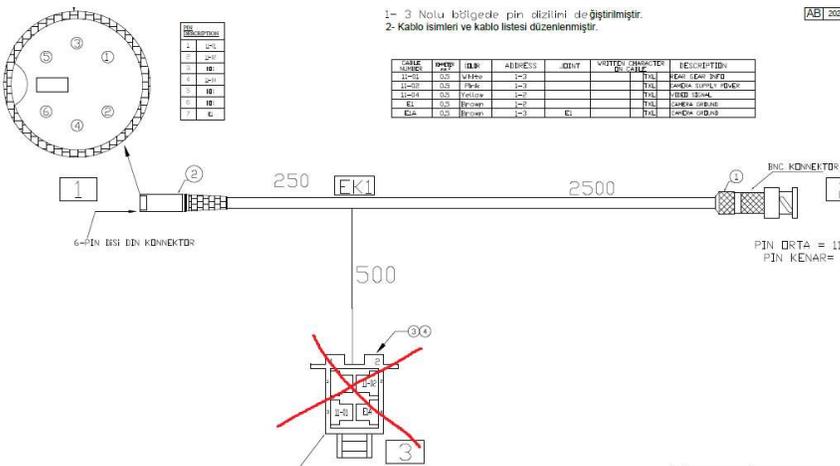
- 2) Find the RP999155 cable that connects to the camera, and disconnect the socket connection shown in the diagram between the RP999155 and HD554131Y 6 pin S-Video Connector.



- 3) Disconnect the BNC connector of cable number HD554131Y from the Multiviu.



- 4) Disconnect the 4-pin socket connected to the vehicle wiring harness for cable number HD554131Y.





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- The harness numbered HD554131Y will be scrapped.

- 5) Disconnect the power cable connected to the pin 2 of socket 9460-573 and isolate it on the vehicle.
- 6) Take the numbered 9401-372 cable, which you previously connected to pin SP-08 in the socket labeled F.BODY in the front door dashboard area, and route it from the front door dashboard area to the steering wheel lower area through the slotted spiral, using the gap shown in the image below.



- 7) Connect the end of the numbered 9401-372 cable connected to terminal 9402-96Y to pin 2 of socket 9460-573, which is connected to the vehicle wiring harness of cable HD554131Y.
- 8) Find the RP999155 cable on the device that connects to the camera. Connect the socket connection shown in the figure between the RP999155 and RP554159, 6 pin S-Video Connector.



- 9) Connect the four-pin socket numbered 929504-1 of the harness numbered RP554159 to the socket numbered 9460-573.



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10) Connect the BNC connector to the BNC input on the Multiviu.



11) Insert the 3A fuse into the 100BH fuse slot on the fuse panel.





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## DISTRIBUTION OF WORKING TIME

<b>IMPLEMENTATION</b>	<b>TIME</b>
Rear View camera hardware improvement	60 min
<b>TOTAL</b>	<b>60 min</b>



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## AFFECTED VEHICLE LIST

No	Otpa No	Model	Chassis No	Country
1.	OA18153	TS35	NLTRPPA73R1000635	USA
2.	OA18152	TS35	NLTRPPA7XR1000633	USA
3.	OA18218	TS35	NLTRPPA75R1000636	USA
4.	OA18219	TS35	NLTRPPA77R1000637	USA
5.	OA18220	TS35	NLTRPPA79R1000638	USA
6.	OA18240	TS35	NLTRPPA70R1000639	USA
7.	OA18241	TS35	NLTRPPA77R1000640	USA
8.	OA18346	TS35	NLTRPPA79R1000641	USA
9.	OA18348	TS35	NLTRPPA72R1000643	USA
10.	OA18347	TS35	NLTRPPA70R1000642	USA
11.	OA18505	TS35	NLTRPPB70S1000645	USA
12.	OA18504	TS35	NLTRPPB79S1000644	USA
13.	OA18506	TS35	NLTRPPB72S1000646	USA
14.	OA18507	TS35	NLTRPPB74S1000647	USA
15.	OA18508	TS35	NLTRPPB76S1000648	USA
16.	OA18528	TS35	NLTRPPB78S1000649	USA
17.	OA18529	TS35	NLTRPPB74S1000650	USA
18.	OA18535	TS35	NLTRPPB7XS1000653	USA
19.	OA18534	TS35	NLTRPPB78S1000652	USA
20.	OA18530	TS35	NLTRPPB76S1000651	USA
21.	OA18633	TS35	NLTRPPB71S1000654	USA
22.	OA18634	TS35	NLTRPPB73S1000655	USA
23.	OA18635	TS35	NLTRPPB75S1000656	USA
24.	OA18666	TS35	NLTRPPB77S1000657	USA
25.	OA18746	TS35	NLTRPPB70S1000659	USA
26.	OA18747	TS35	NLTRPPB77S1000660	USA
27.	OA18721	TS35	NLTRPPB79S1000658	USA
28.	OA18748	TS35	NLTRPPB79S1000661	USA
29.	OA18852	TS35	NLTRPPB70S1000662	USA
30.	OA18862	TS35	NLTRPPB72S1000663	USA
31.	OA18864	TS35	NLTRPPB76S1000665	USA
32.	OA18863	TS35	NLTRPPB74S1000664	USA
33.	OA18980	TS35	NLTRPPB71S1000668	USA
34.	OA18981	TS35	NLTRPPB73S1000669	USA
35.	OA18865	TS35	NLTRPPB78S1000666	USA
36.	OA18866	TS35	NLTRPPB7XS1000667	USA
37.	OA18982	TS35	NLTRPPB7XS1000670	USA
38.	OA18983	TS35	NLTRPPB71S1000671	USA
39.	OA18997	TS35	NLTRPPB75S1000673	USA
40.	OA18984	TS35	NLTRPPB73S1000672	USA
41.	OA18998	TS35	NLTRPPB77S1000674	USA
42.	OA18999	TS35	NLTRPPB79S1000675	USA
43.	OA19000	TS35	NLTRPPB70S1000676	USA



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44.	OA19065	TS35	NLTRPPB7XS1000684	USA
45.	OA19066	TS35	NLTRPPB71S1000685	USA
46.	OA19067	TS35	NLTRPPB73S1000686	USA
47.	OA19064	TS35	NLTRPPB78S1000683	USA
48.	OA19088	TS35	NLTRPPB74S1000678	USA
49.	OA19089	TS35	NLTRPPB76S1000679	USA
50.	OA19092	TS35	NLTRPPB76S1000682	USA
51.	OA19087	TS35	NLTRPPB72S1000677	USA
52.	OA19090	TS35	NLTRPPB72S1000680	USA
53.	OA19091	TS35	NLTRPPB74S1000681	USA
54.	OA19526	TS35	NLTRPPB75T1000688	USA
55.	OA19528	TS35	NLTRPPB73T1000690	USA
56.	OA19532	TS35	NLTRPPB70T1000694	USA
57.	OA19527	TS35	NLTRPPB77T1000689	USA
58.	OA19531	TS35	NLTRPPB79T1000693	USA
59.	OA19533	TS35	NLTRPPB72T1000695	USA
60.	OA19525	TS35	NLTRPPB73T1000687	USA
61.	OA19529	TS35	NLTRPPB75T1000691	USA
62.	OA19530	TS35	NLTRPPB77T1000692	USA
63.	OA19534	TS35	NLTRPPB74T1000696	USA
64.	OA19696	TS35	NLTRPPB76T1000697	USA
65.	OA19697	TS35	NLTRPPB78T1000698	USA
66.	OA19717	TS35	NLTRPPB74T1000701	USA
67.	OA19716	TS35	NLTRPPB72T1000700	USA
68.	OA19698	TS35	NLTRPPB7XT1000699	USA
69.	OA19748	TS35	NLTRPPB78T1000703	USA
70.	OA19883	TS35	NLTRPPB7XT1000704	USA
71.	OA19747	TS35	NLTRPPB76T1000702	USA
72.	OA19995	TS35	NLTRPPB71T1000705	USA
73.	OA20260	TS35	NLTRPPB73T1000723	USA
74.	OA20062	TS35	NLTRPPB73T1000706	USA
75.	OA20063	TS35	NLTRPPB75T1000707	USA
76.	OA20067	TS35	NLTRPPB77T1000711	USA
77.	OA20064	TS35	NLTRPPB77T1000708	USA
78.	OA20065	TS35	NLTRPPB79T1000709	USA
79.	OA20066	TS35	NLTRPPB75T1000710	USA
80.	OA20129	TS35	NLTRPPB70T1000713	USA
81.	OA20068	TS35	NLTRPPB79T1000712	USA
82.	OA20134	TS35	NLTRPPB7XT1000718	USA
83.	OA20133	TS35	NLTRPPB78T1000717	USA
84.	OA20175	TS35	NLTRPPB7XT1000721	USA
85.	OA20130	TS35	NLTRPPB72T1000714	USA
86.	OA20131	TS35	NLTRPPB74T1000715	USA
87.	OA20132	TS35	NLTRPPB76T1000716	USA
88.	OA20135	TS35	NLTRPPB71T1000719	USA



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89.	OA20136	TS35	NLTRPPB78T1000720	USA
90.	OA20176	TS35	NLTRPPB71T1000722	USA
91.	OA20479	TS35	NLTRPPB77T1000725	USA
92.	OA20457	TS35	NLTRPPB75T1000724	USA