

Front Parking Sensor  
(5JL-054-630)

Installation Instructions



**Note:** In case of Front Parking Sensor and Underbody Lights are to be fitted together on the same car then the fitment sequence must follow to ease the wire routing-

1. Underbody Light
2. Front Parking Sensor

Slavia

⚠ Be alert- Read all instructions before use to avoid injury

**Note:** Installation is carried out by a Skoda dealership or a qualified workshop. We recommend that fitting is carried out by an authorized workshop with fitment and removal of car parts with reference to ELSA pro



Item	Included in the kit	Quantity
1	Front parking sensor	4 Nos
2	Sensor Bracket	4 Nos
3	Brake patch Y-harness	1 Nos
4	Sensor Harness	1 Nos
5	Power harness	1 Nos
6	ECU	1 Nos
7	Switch	1 Nos
8	Buzzer	1 Nos
9	Template (4nos for sensor & 1 for switch)	5 Nos
10	Cable Tie base	8 Nos
11	Cable Tie 150mm- Black	15 Nos
12	Cotton Ball	2 Nos
13	Swab IPA Alcohol	4 Nos
14	Primer 5ml Tube	2 Nos
15	Silicon Tube	1 Nos
16	Hole Saw Cutter (18mm)	1 Nos



Skoda Colors
Brilliant Silver
Carbon Steel
Candy White
Deep Black
Lava Blue
Matte Finish
Honey Orange
Tornado Red
Crystal Blue

TL211	Test
Section - 1.3	DFT test
Parameters	Specification (µm)
○ Primer	5 ~10
○ Base Coat	15 ~ 20
○ Clear Coat	30 ~ 35



# Painting the sensors: -



Detach the rubber ring available on sensor head and keep it aside as it need to reattach after  
1 completing the painting process.



Clean the sensor head with the 1000 grit sandpaper & remove the primer (No substrate should be visible and no damage to the sensor head).  
2



Remove the dust from the sensor by cleaning  
3 the surface with SWAB or alcohol dipped cloth.



Mask the whole sensor except the head using  
4 the masking tape .



Place the sensor having head in upward direction to and apply the primer over them.  
5



Now Spray the required paint on the sensor head using the spray gun (Spray distance: 15~20cm). Before proceeding with the paint application, it's crucial to confirm that the primer has completely dried.  
6



Place the painted parts in the oven at 80°C for 60 minutes.  
7



Re-attach the rubber ring back on the sensor head.  
8



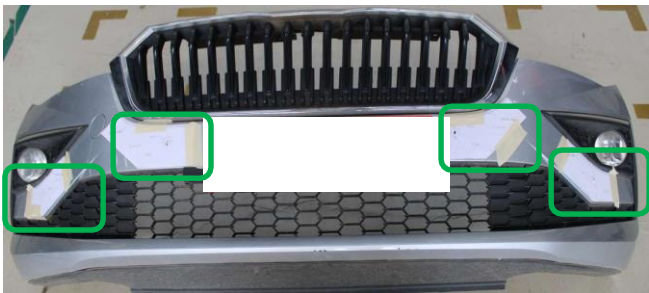
Installation Process: -



Note: Ensure -ve terminal of car battery is disconnected before starting installation.



Note: Remove the front bumper from car following ELSA Pro guideline.

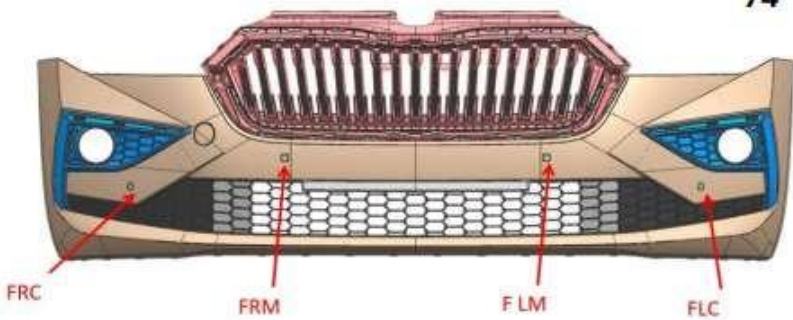


3



Note: Stick the template and cut out region where the brackets will be installed using the drill bit provided with the kit. See step 3-11.

4



Note: Sensor Position Slavia

5



6

Note: Use 8mm drill bit.



7







8 Note: After drill, unscrew the nut from hole saw bit set and take out larger diameter round.



Note: Pass the hole saw through the hole and keep the smaller diameter part on front & larger 9 diameter part on the backside of bumper.



10 Note: Make sure the bigger diameter cutting blade is back side of the bumper.



11 Note: Tighten the screw until hole is formed.



12



Note: Repeat the step 6-12 for other 3 holes using the template that was pasted in step-4.



Note: Clean the area around the hole using cloth 14 and then using the SWAB as shown in step 14-16.



15



16

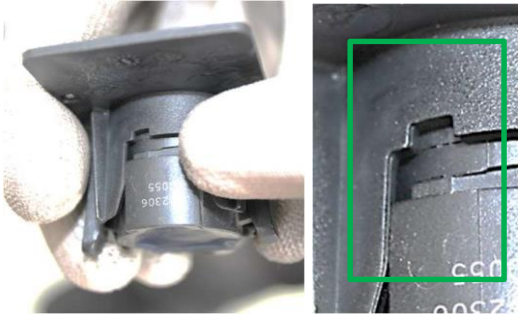


17



Note: Now apply the Primer around the hole using the cotton and wait until its dry.

Note: During sensor unit fitment in Bracket make  
18 sure the lock of sensor will rest in the bracket slot.



19

Note: Peel off the adhesive protection layer  
from the tape.



20



Note: Paste the bracket at designated location as shown and bracket should be pasted with the sensor in assembled form to avoid sensor position mismatch.

21



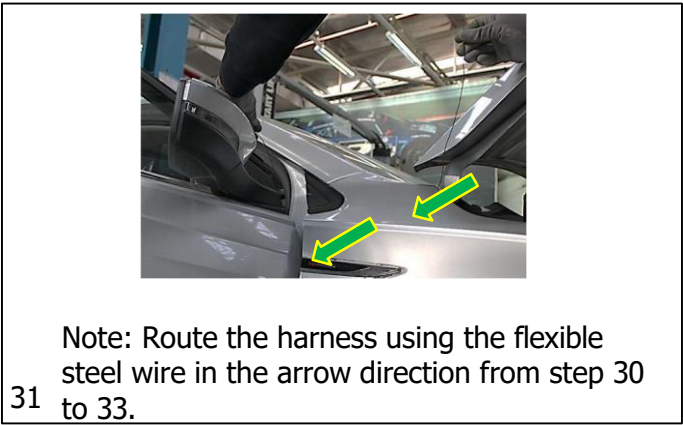
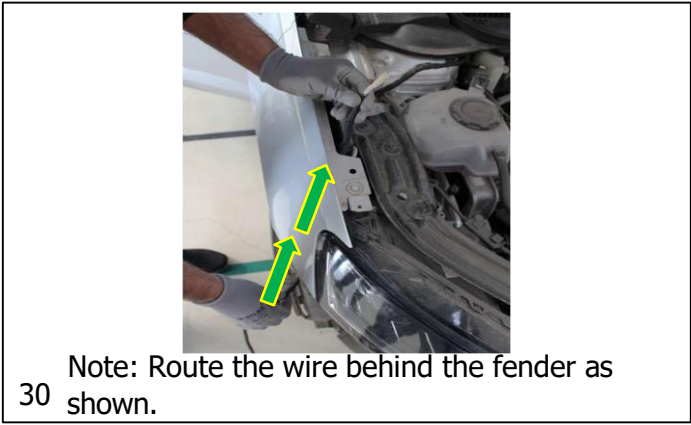
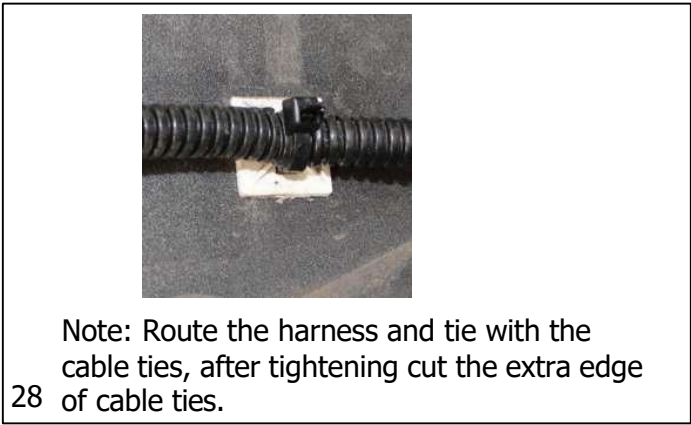
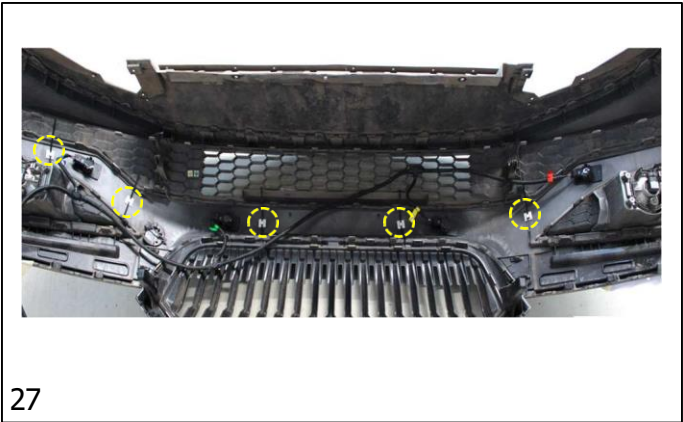
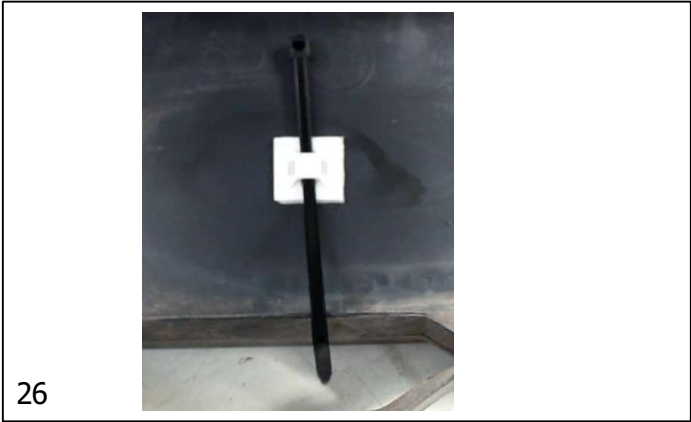
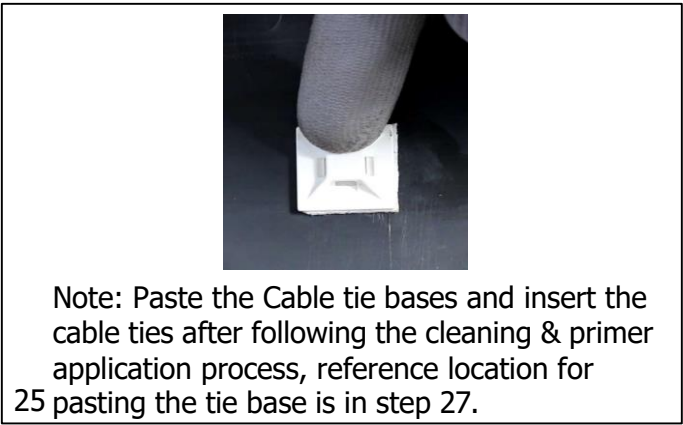
22

Note: Attach the sensor harness connectors  
to all the four sensors.

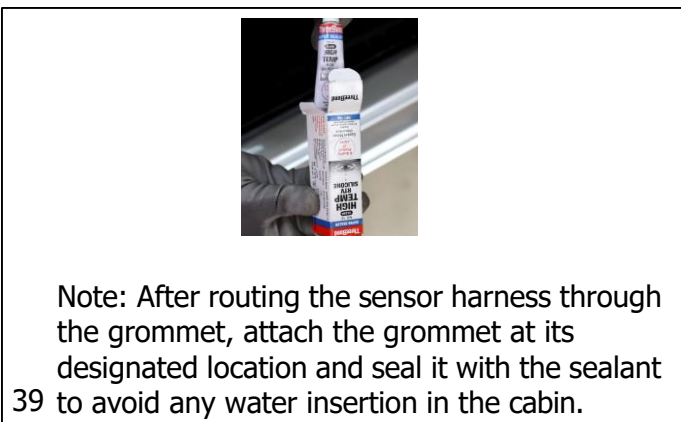
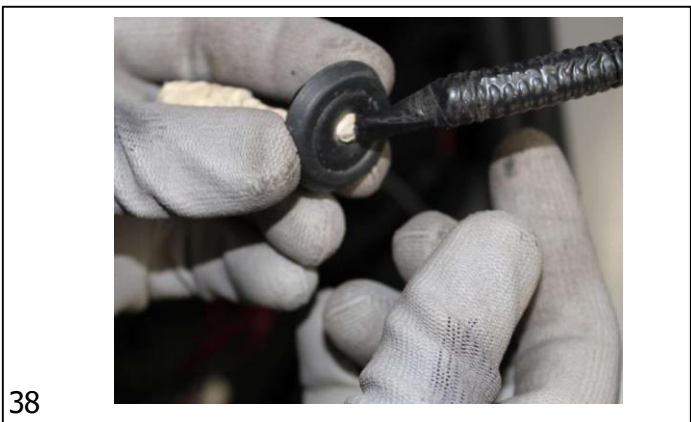
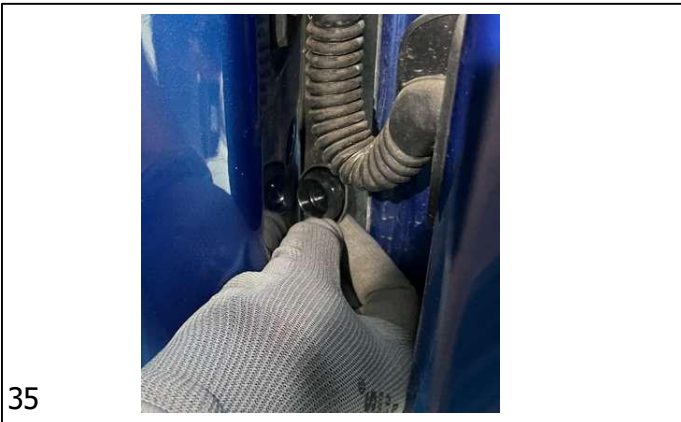
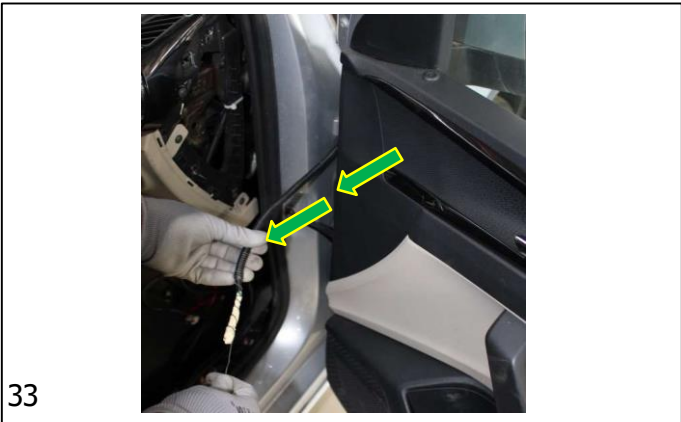
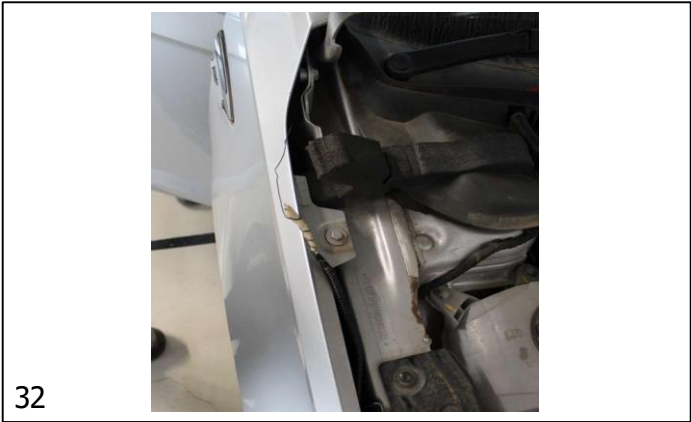


23







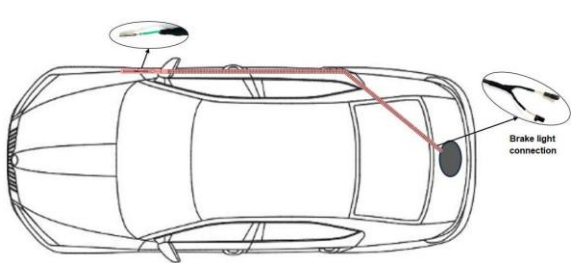




40

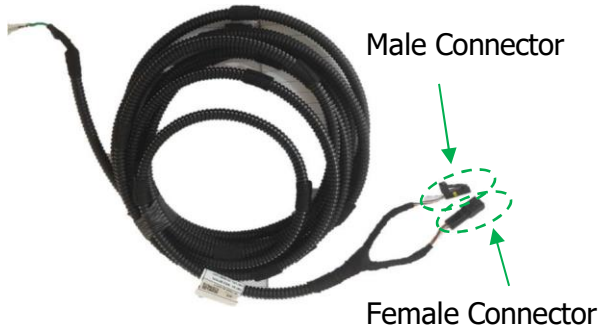


41

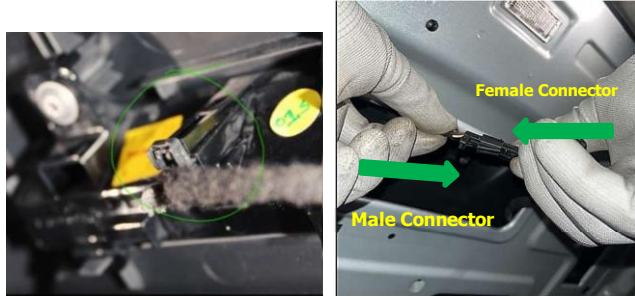


Note: Route the brake patch Y-harness as highlighted in the above diagram and attach it with the vehicle's brake lamp available on the rear windshield, follow step 41 to 45.

42



43



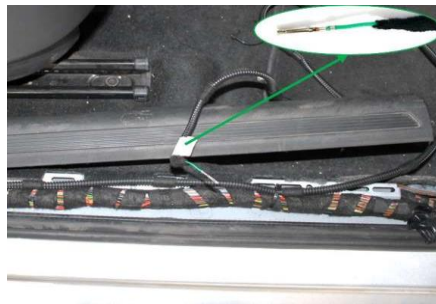
Note: Detach the male connector from Brake lamp and connect it with female connector of the brake patch Y-Harness.

44



Note: Assemble the Y harness male connector with vehicle's brake lamp as shown)

45



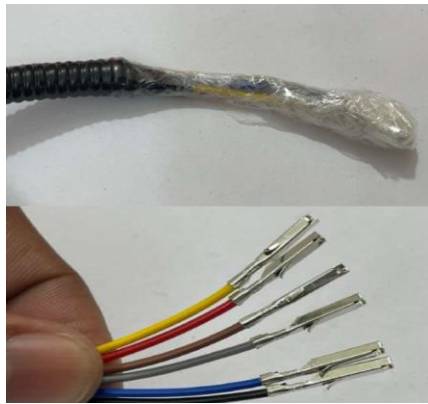
Note: Remove the interior trim from the car following ELSA Pro guidelines

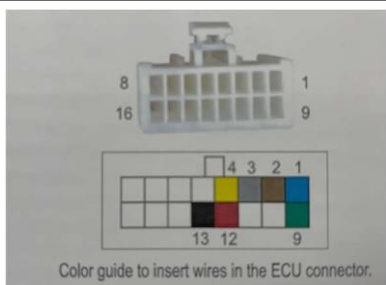
46



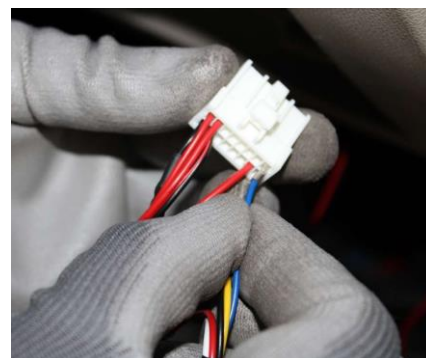
Note: Assemble the wires from sensor harness to the 16-pin white ECU connector available in the power harness. Follow step 47-50 for all the pins.

47

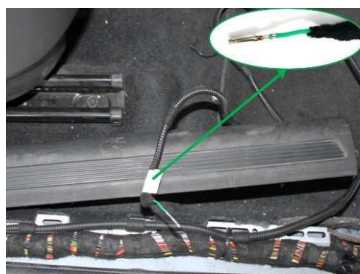




48 Note: Follow the above diagram to do the wire fitment in ECU connector



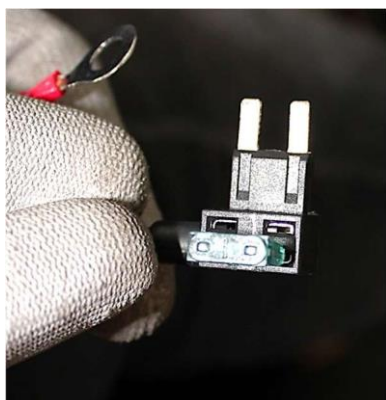
49



50 Note: Assemble the brake connection wire in cavity no. 9 as shown in the diagram at step 48.



51 Note: Pull out the 7.5A fuse (Cavity No. F41) from the fuse box.



52



53



54 Note: Connect the fuse from vehicle into the power harness as shown.



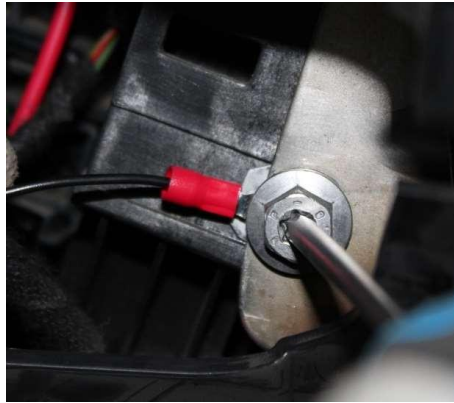
55 Note: Install the fuse adaptor in the fuse box (Cavity No. F41) as shown.





Note: attach the ground terminal in the M10 Bolt available beside fuse box.

56



57



Note: Remove the dashboard trim from car following ELSA pro guideline & assemble the template as shown.

58



Note: Drill a hole of 14mm Dia. as per the template & assemble the switch.

59



Note: Install the switch into the dashboard.

60



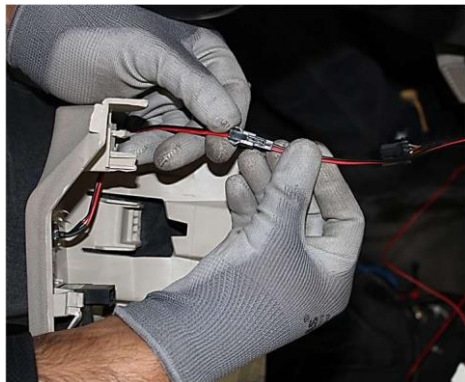
Note: Final assembly look like this.

61



Note: Connect the switch wire with the power harness as shown.

62



63







Note: Connect the Buzzer connector with power harness.

64



Note: Peel off the protection layer of DSA tape.

65



Note: Assemble the buzzer behind the fuse box as shown.

66



Note: Assemble the Power harness connector into the ECU.

67



Note: Peel off the protection layer of DSA tape.

68



Note: Assemble the ECU in the vehicle at the location beside the fuse box as shown.

69



Note: Tie all the loose wires.

70



Note: Re-assemble the dashboard part back following ELSA pro guidelines.

71





Note: Assemble the bumper of car following the ELSA Pro guideline.

72



73



Note: Connect the -ve terminal of car battery after the installation.

74



Note: Turn on the switch as shown in the image and test the functioning as mentioned in the user manual.

75

