



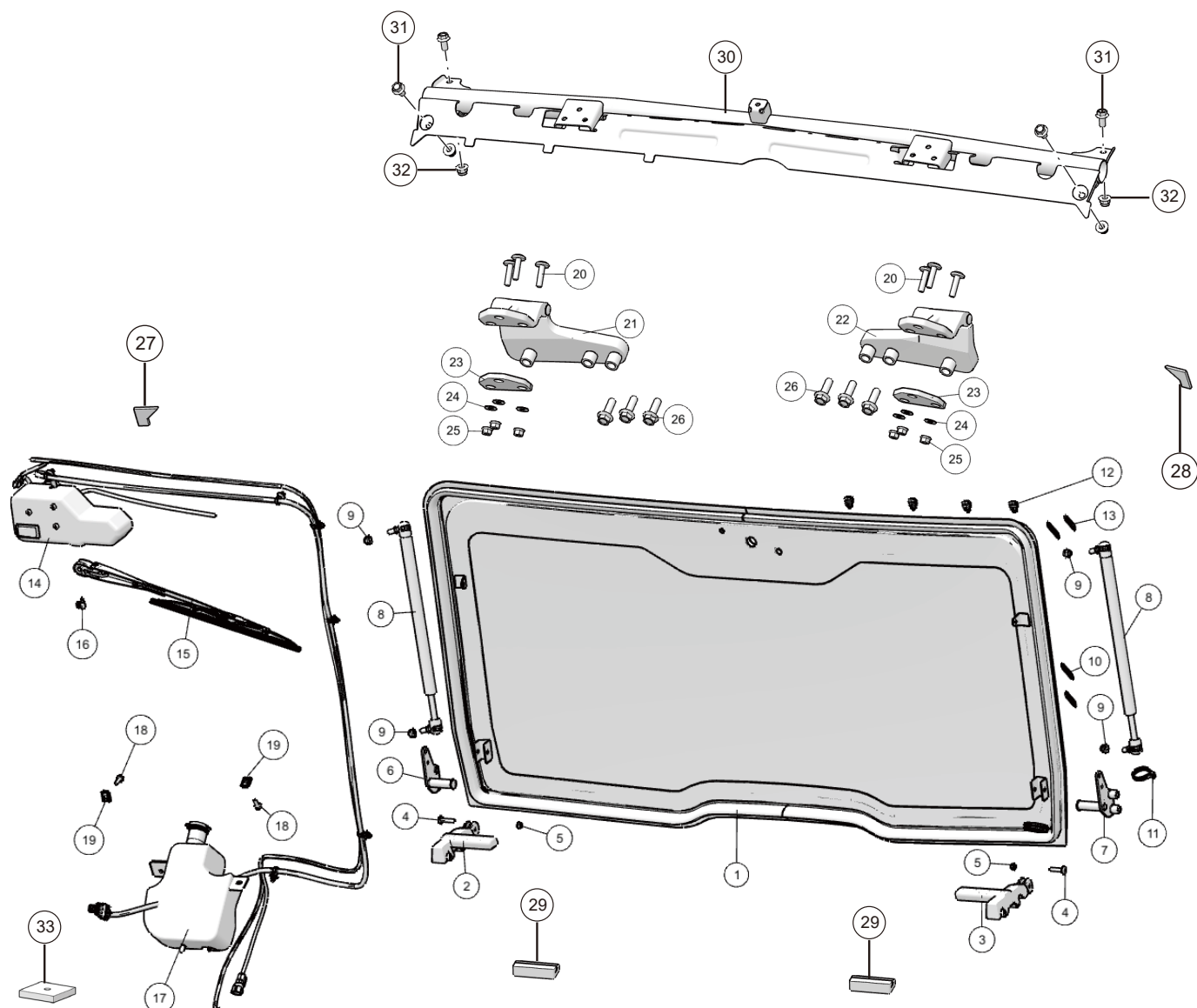
SEGWAY

SEGWAY UT10 ACCESSORIES INSTALLATION MANUAL



FRONT WINDSCREEN/WIPER INSTALLATION

Front windscreen/wiper assembly diagram



NO.	PART NAME	PART NUMBER	QUANTITY	REMARKS
1	Full Windscreen	U10-R064400-000-00	1	
	Full Windscreen Rubber Seal			
2	Right-Hand Latch Hook Assembly	U06-R063060-000-00	1	
3	Left-Hand Latch Hook Assembly	U06-R063050-000-00	1	
4	Large Pan Head Hex Socket Bolt M6 × 30.	T03000007005	2	
5	Hex Flange Nut M6	GBT061771002	2	
6	Left-Hand Gas Strut Mounting Bracket	U06-R063070-000-00	1	
7	Right-Hand Gas Strut Mounting Bracket	U06-R063080-000-00	1	
8	Gas Strut Assembly	U10-R064410-000-00	2	
9	M6 Hex Flange Locknut with Non-Metallic Insert	U10-R064410-000-00	10	
10	Rubber-Coated Harness Clamp (64 mm long × 12 mm wide)	T05000001009	2	
11	Reusable Cable Tie 5 × 300 mm	T05000001006	1	

FRONT WINDSCREEN/WIPER INSTALLATION

12	Sheet Metal Cable Tie	T05100010003	4	
13	Rubber-Coated Harness Clamp (64 mm long × 12 mm wide)	T05000001009	2	
14	Wiper Motor	U01M06410001	1	
15	Wiper Blade	U01M06430001	1	
16	Washer Nozzle	U01M06450001	1	
17	Washer Fluid Reservoir	U01M06420001	1	
18	Large Pan Head Hex Socket Bolt M6 × 16.	T03000007002	1	
19	M6 Nut Clip	T04000002001	2	
20	Large Pan Head Hex Bolt M6 × 25.	T03000007007	6	
21	Left-Hand Windscreen Hinge Assembly	U09-C010200-FB0-00	1	
22	Right-Hand Windscreen Hinge Assembly	U09-C010100-FB0-00	1	
23	Front Windscreen Hinge Spacer	U01-C003000-DB0-00	2	
24	Door Bump Stop	U06-H180026-XB0-00	6	
25	M6 Hex Flange Locknut with Non-Metallic Insert	U10-R064410-000-00	6	
26	Hex Flange Bolt M8×25	GBT005789096	6	
27	Left-Hand Sealing Strip	U10-R064420-000-00	1	
28	Right-Hand Sealing Strip	U10-R064430-000-00	1	
29	Rubber Pad	U03-H240101-0B0-00	2	Installation Tools
30	A-pillar Connecting Tube Assembly	U09-C1300000-0MP-00	1	
31	Hexagon Flange Bolt M10 × 1.25 × 20	GBT005789025	4	
32	M10 Hex Flange Locknut with Non-Metallic Insert (1.25 off)	GBT061832001	4	
33	Foam Pad	U06-H180028-000-00	1	

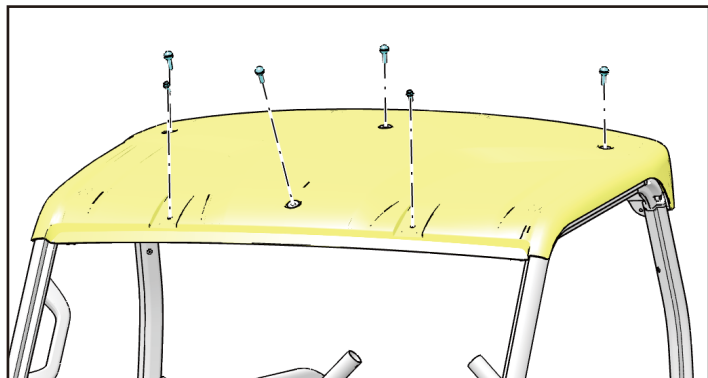
TIPS

This installation guide applies to multiple models. Illustrations may vary slightly from the actual vehicle.
Always refer to the actual vehicle.

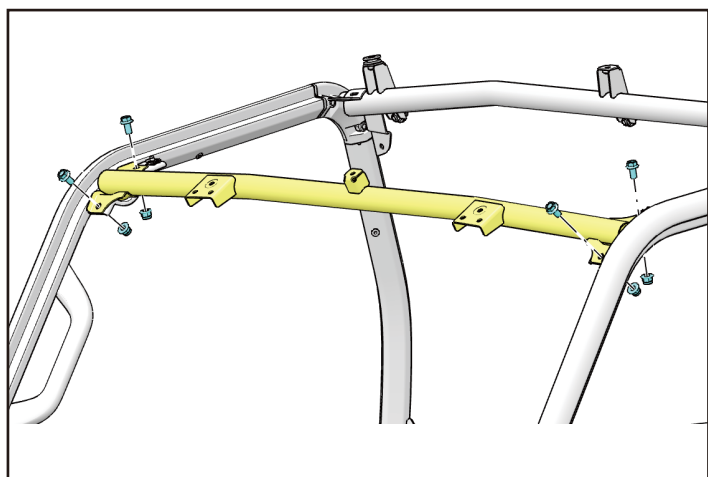
FRONT WINDSCREEN/WIPER INSTALLATION

FRONT WINDSCREEN INSTALLATION

1. Remove all securing bolts from the roof panel, then remove the roof panel.



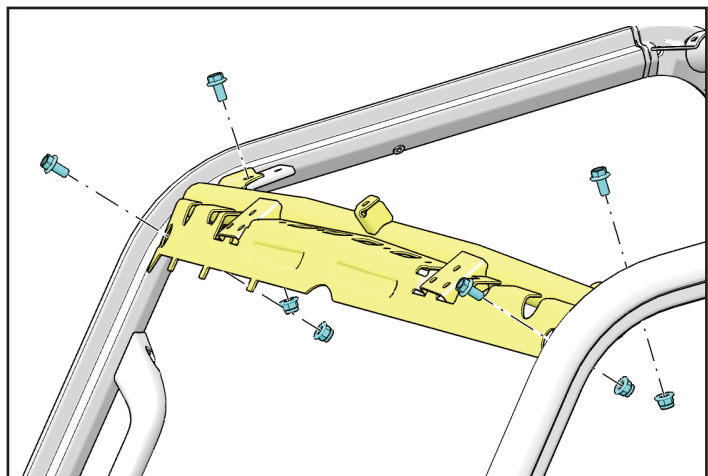
2. Remove all securing bolts from the A-pillar connecting welded assembly, then remove the assembly (it will be replaced with the dedicated windscreen version).



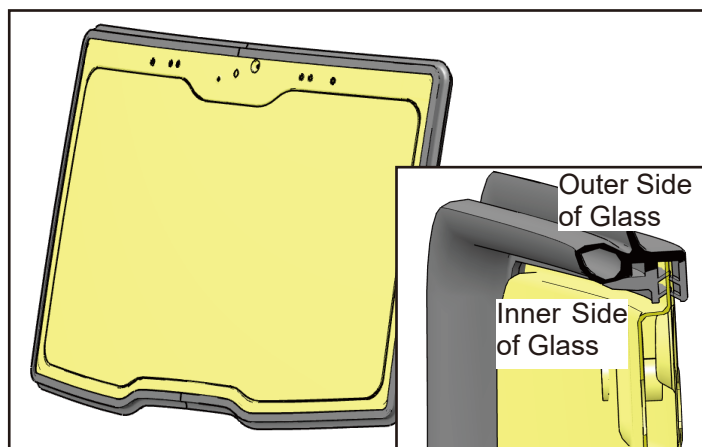
3. Install the new A-pillar connecting tube assembly using four hexagonal flange bolts M10 × 1.25 × 20 and four hexagonal flange lock nuts M10 × 1.25.

TIPS

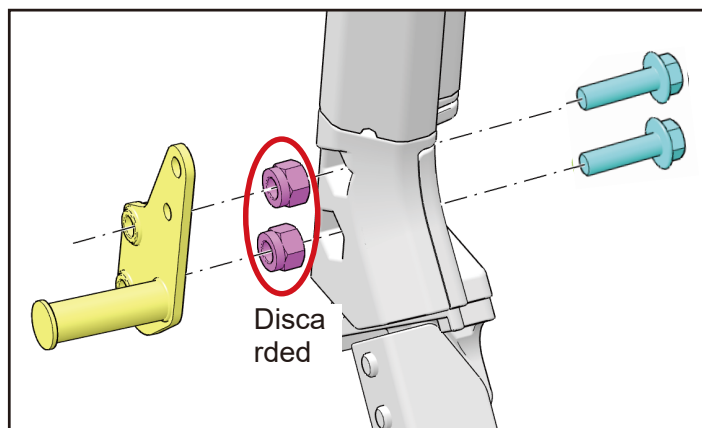
Use new bolts and nuts.



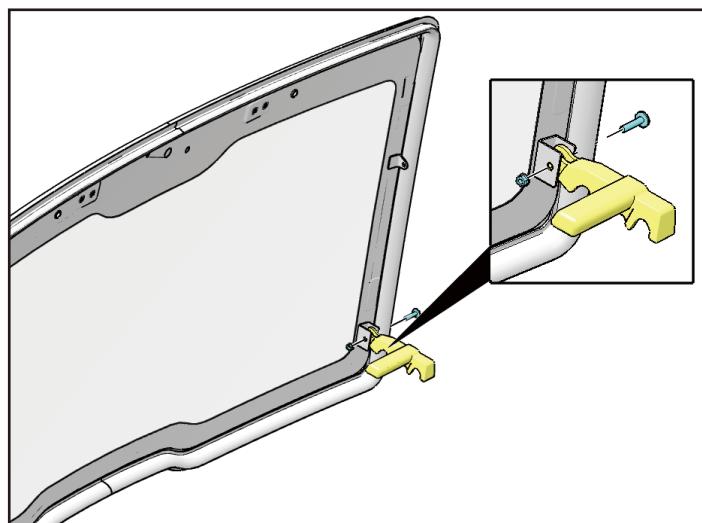
4. Fit the windscreen rubber seal around the outer perimeter of the windscreen. During installation, ensure that the inner and outer sides of the rubber seal are correctly positioned.



5. Remove the fasteners securing the left (right) A-pillar welded assembly to the vehicle frame and discard the nuts. Position the cylinder of the left (right) gas spring mounting bracket in the corresponding hole in the roof beam, then reinstall and tighten the A-pillar securing bolts.

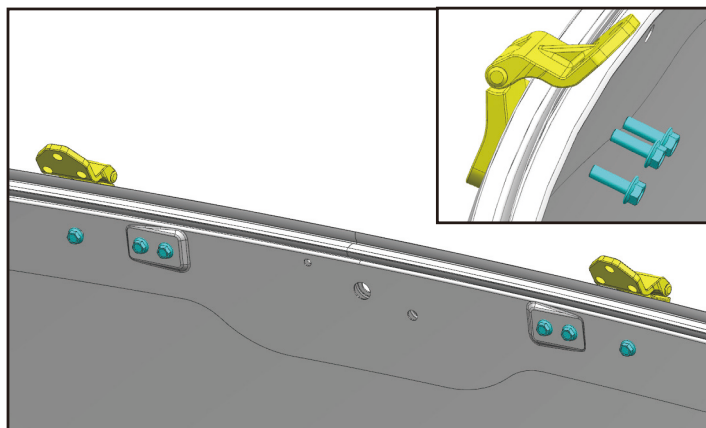


6. Install the left and right latch hook assemblies onto the mounting brackets beneath the windscreen using two large pan-head socket head cap screws M6 × 30 and two hexagonal flange nuts M6 respectively.

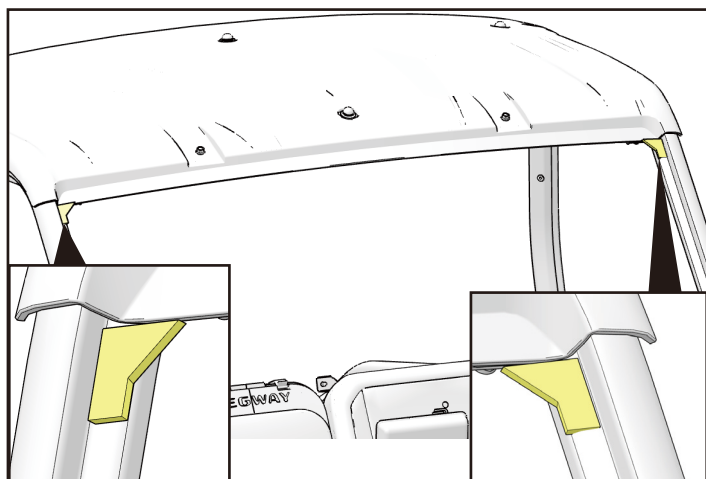


FRONT WINDSCREEN/WIPER INSTALLATION

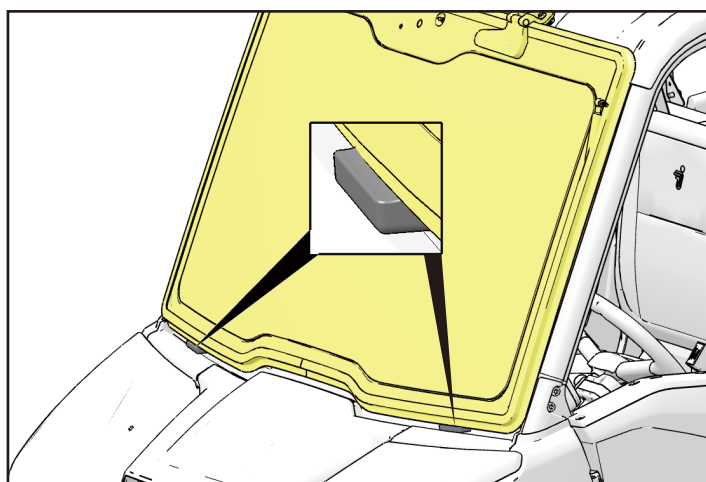
7. Use six hexagonal flange bolts M8 × 25 to install the left and right windscreen hinges to the upper section of the windscreen. Tightening torque: **22.1~29.5ft-lb (30~40N·m)**



8. Apply the left-hand and right-hand sealing strips to the corresponding roof beams and roof panel on each side.



9. Position the windscreen correctly. Place the two rubber pads beneath the windscreen to raise the glass, then lock the windscreen and adjust it to the correct position for subsequent installation. The rubber pads are to be used as installation aids only.

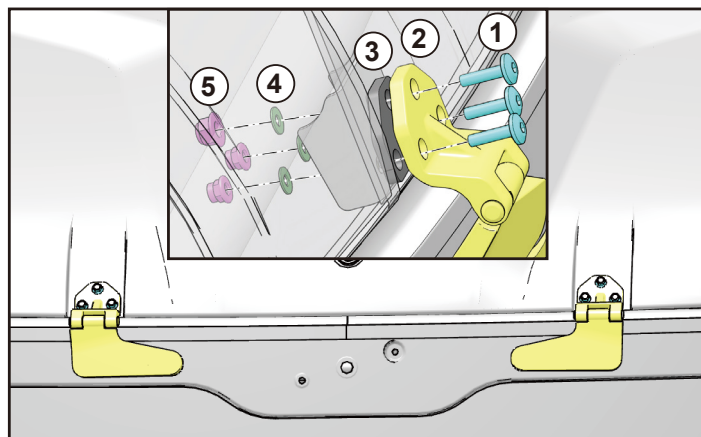


10. After adjusting the windscreen to the correct position, secure the windscreen hinges to the upper end of the roof panel using the bolts, spacers, bump stops and locknuts, as shown in the illustration below. Tightening torque: **8~12N·m**

TIPS

Pre-tighten the bolts first. Fully adjust the windscreen position before final tightening. Ensure that the lower and side clearances are even and that the left and right seals do not interfere with the plastic components.

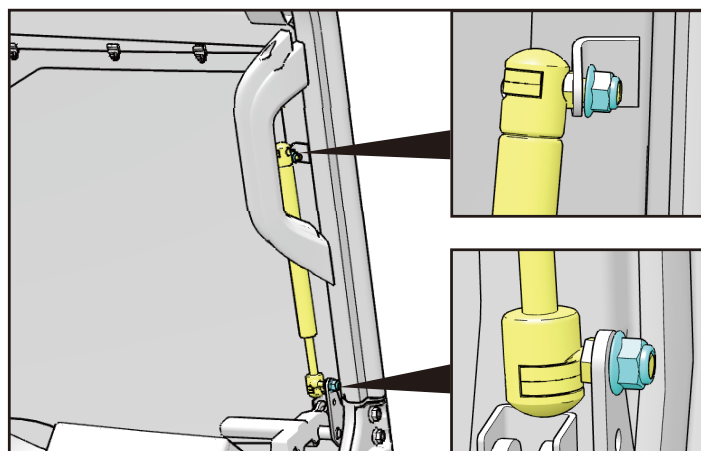
- ① Large pan-head socket head cap screws M6 × 25 (6 pcs)
- ② Left and right windscreen hinge assemblies (1 each)
- ③ Front windscreen hinge spacers (2 pcs)
- ④ Door bump stops (6 pcs)
- ⑤ Hexagonal flange lock nuts with non-metallic inserts M6 (6 pcs)



11. Secure the upper and lower ends of the gas strut assembly in the corresponding mounting holes using two M6 hex flange locknuts with non-metallic inserts.

TIPS

Ensure that the gas strut is installed in the correct orientation, with the cylinder at the bottom. Installation is the same on both sides.



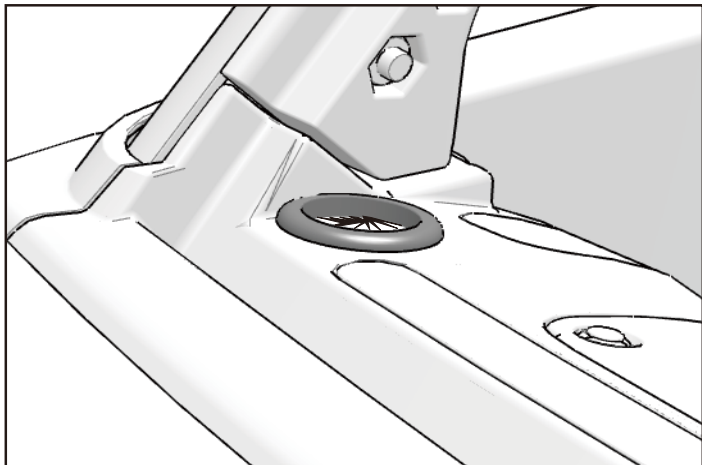
TIPS

The latch hook assembly has two pivot engagement positions: the front position is for the windscreen fully locked, and the rear position is for the windscreen half-open.

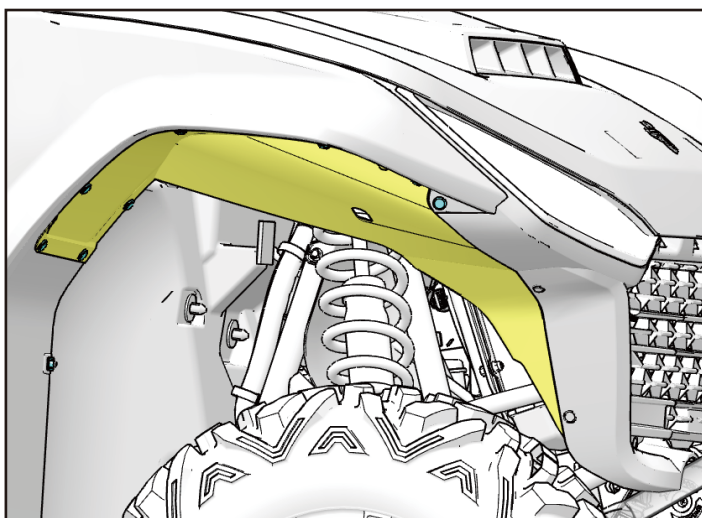
FRONT WINDSCREEN/WIPER INSTALLATION

WINDSCREEN WIPER SYSTEM ASSEMBLY INSTALLATION

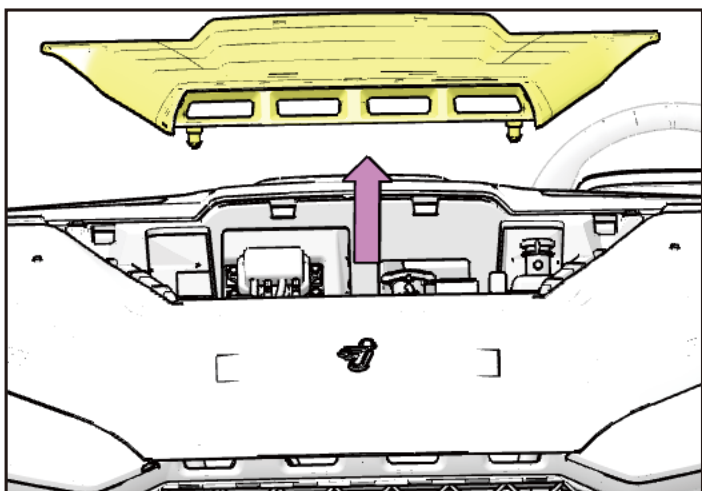
1. Using a suitable tool, cut a hole in the right side of the instrument panel body (cutting marks are provided), then fit the instrument panel wiring harness grommet into the hole.



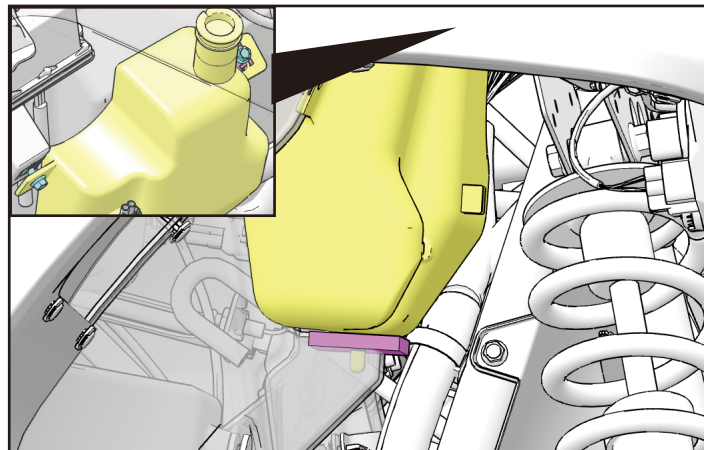
2. Remove all retaining screws from the right front headlamp cover.



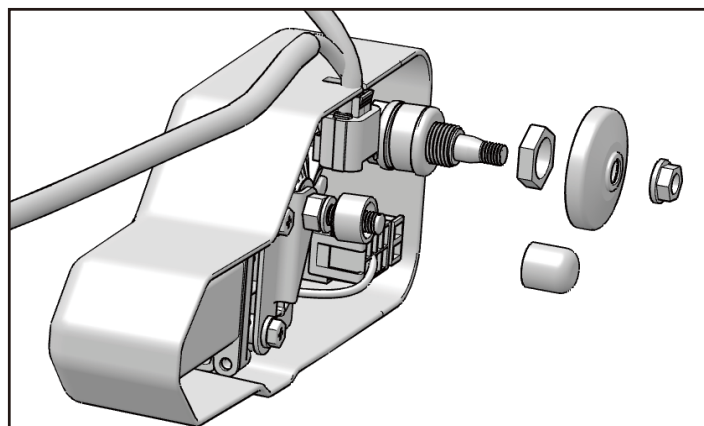
3. Remove the electrical service cover. This is a quick-release component.



4. Place one foam pad on the locating post at the bottom of the washer fluid reservoir, then insert the locating post into the hole at the front of the vehicle. Secure the upper section of the reservoir to the corresponding mounting holes beneath the front inspection cover using two bolts and two nuts.



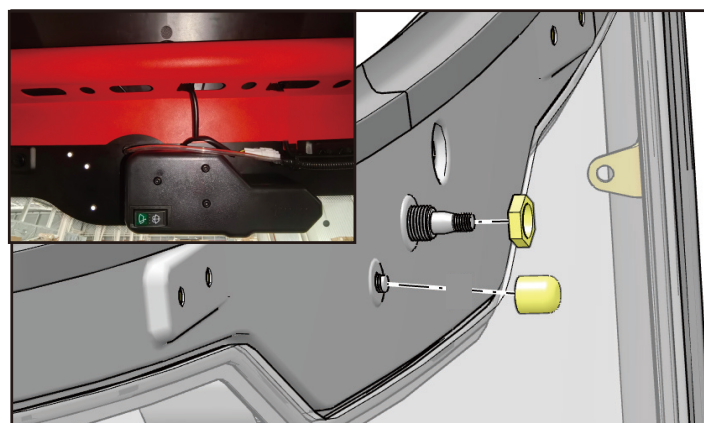
5. As shown in the illustration, remove the waterproof rubber boot, nut and decorative retaining cover from the wiper motor.



6. Position the wiper motor in the upper windscreen mounting hole, secure it with the nut, and refit the waterproof rubber boot.

TIPS

Connect the harness connector to the wiper motor connector, then place the connector in the recess inside the wiper motor.

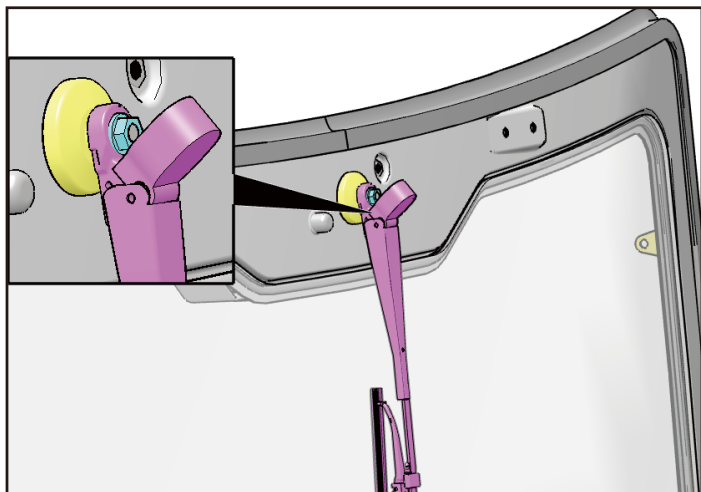


FRONT WINDSCREEN/WIPER INSTALLATION

7. Open the dust cap on the wiper blade, then secure the wiper blade with the nut provided.

TIPS

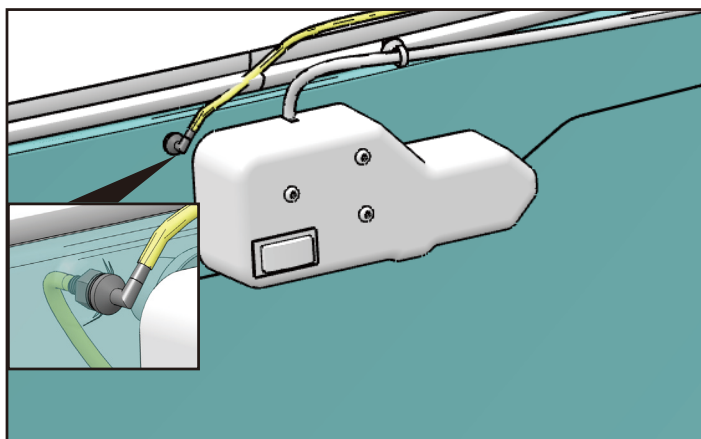
Install the wiper blade at the specified angle.



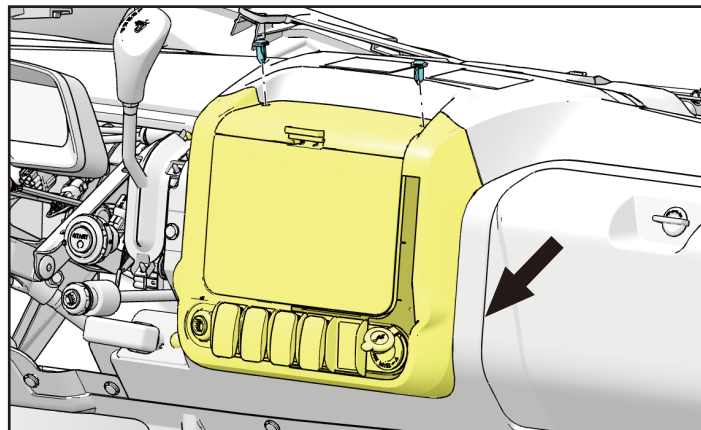
Angle Illustration



8. Install the washer nozzle in the hole above the windscreen, and connect the rubber hose from the wiper side to the nozzle.



9. Remove the expansion rivets above the switch panel and storage box (or centre display screen). The remaining switch panel locations are secured with locating clips; remove all clips.

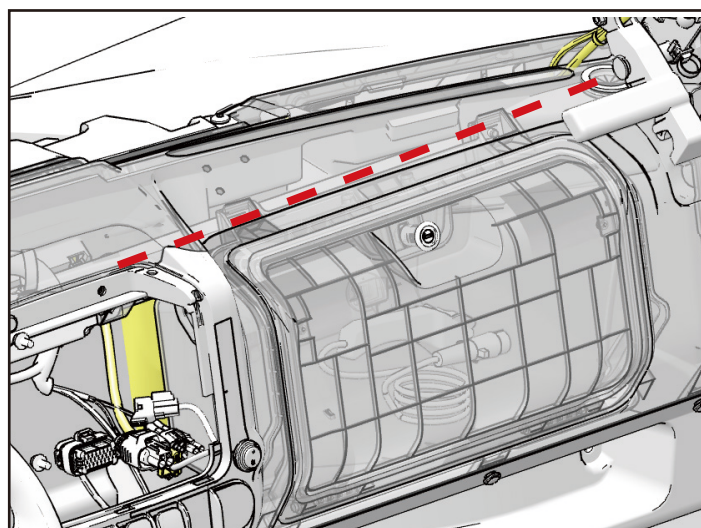


10. Route the wiper harness and rubber hose as shown in the illustration.

TIPS

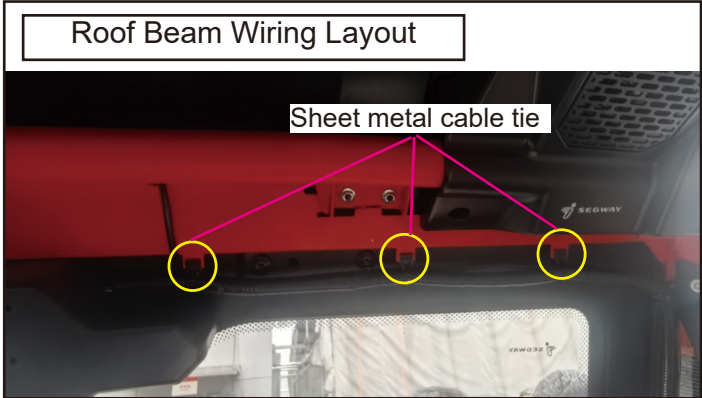
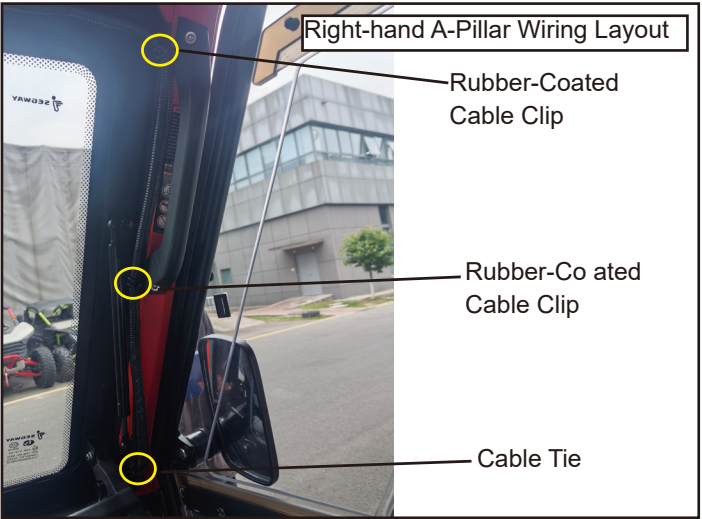
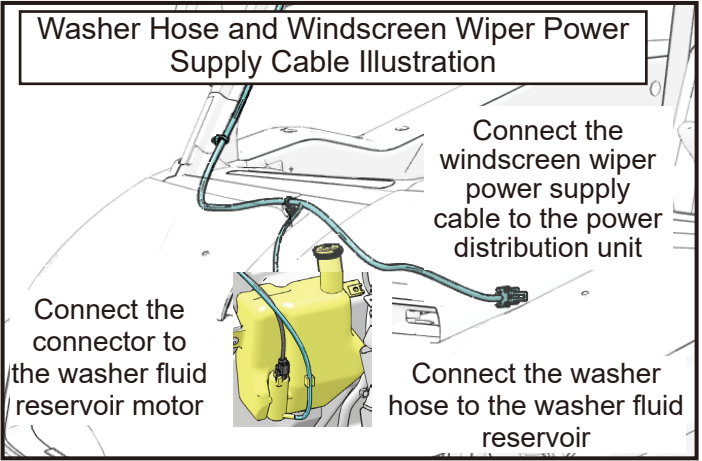
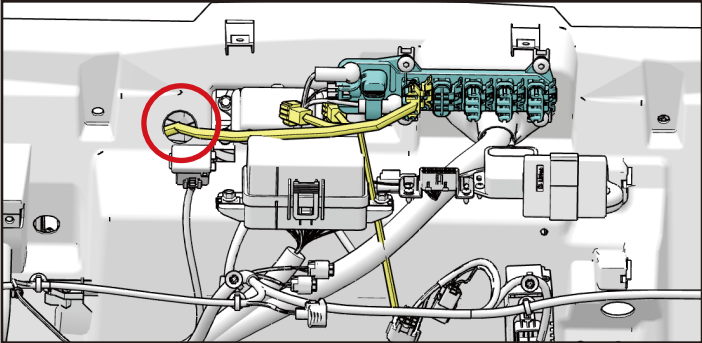
If an audio system is fitted, route and secure the wiper harness together with the speaker harness after the audio system has been installed.

Route the wiper wiring harness (and speaker wiring harness, if equipped) and washer hose through the cut-out hole on the right side of the instrument panel. Pass them through the gap beneath the instrument panel and position the harness connectors and washer hose at the switch panel location.



FRONT WINDSCREEN/WIPER INSTALLATION

Route the wiring harness, connectors and washer hose through the round hole in front of the switch panel to the area beneath the front service cover. Connect the wiper power supply cable to the power distribution unit.



- 11. Secure the mushroom-head cable tie on the wiper cable. Use the sheet metal cable tie to secure the washer hose and harness above the windscreen to the windscreen mounting bracket.
- 12. Secure the washer hose with the rubber-coated harness clamp.
- 13. Fill the washer fluid reservoir with windscreen washer fluid. Switch on the vehicle power supply and carry out an operational test of the wiper system.