SSV KIT - SMART Integrated LED Roof Light

Instruction Sheet

August, 2025
Version A

487804320

Time for Completion: 0.5 hour

SMART Integrated LED Roof Light

The following symbols may be used in this document:

DANGER

Indicates a hazardous situation that, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates an instruction which, if not followed, could severely damage vehicle components or other property.

WARNING

- **This kit is designed for specific applicable models only (authorized BRP dealers will confirm model(s)). It is not recommended for units other than the one (those) for which it was sold.**
- **If the installation of the kit requires a template, ensure template is to scale.**
- **Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/ assembly, always replace with a new one.**
- **Torque wrench tightening specifications must strictly be adhered to.**
- **Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.**
- **Always be aware of parts that can move, such as wheels, transmission components, etc.**
- **Some components may be HOT. Always wait for all components to cool down before performing work.**
- **Unless otherwise specified, engine must be OFF when performing any operation on the vehicle.**

WARNING

Some important safety information and/or operating instructions dedicated to the end user might be included in this instruction sheet. Make sure to give the kit part number as well as the instruction sheet included with this kit to the customer. Verify that the customer has access to all the information required for proper use of the accessory.

NOTE

USE TIGHTENING TORQUES IN THE FOLLOWING TABLE IF NOT OTHERWISE SPECIFIED.

–	GRADE

–	5.8	8.8	10.9	12.9
M4	1.8 N•m ± 0.2 N•m	2.8 N•m ± 0.2 N•m	3.8 N•m ± 0.2 N•m	4.5 N•m ± 0.5 N•m
	(16 lbf•in ± 2 lbf•in)	(25 lbf•in ± 2 lbf•in)	(34 lbf•in ± 2 lbf•in)	(40 lbf•in ± 4 lbf•in)
M5	3.3 N•m ± 0.2 N•m	5 N•m ± 0.5 N•m	7.8 N•m ± 0.7 N•m	9 N•m ± 1 N•m
	(29 lbf•in ± 2 lbf•in)	(44 lbf•in ± 4 lbf•in)	(69 lbf•in ± 6 lbf•in)	(80 lbf•in ± 9 lbf•in)
M6	7.5 N•m ± 1 N•m	10 N•m ± 2 N•m	12.8 N•m ± 2.2 N•m	16 N•m ± 2 N•m
	(66 lbf•in ± 9 lbf•in)	(89 lbf•in ± 18 lbf•in)	(113 lbf•in ± 19 lbf•in)	(142 lbf•in ± 18 lbf•in)
M8	15.3 N•m ± 1.7 N•m	24.5 N•m ± 3.5 N•m	31 .5 N•m ± 3.5 N•m	40 N•m ± 5 N•m
	(135 lbf•in ± 15 lbf•in)	(18 lbf•ft ± 3 lbf•ft)	(23 lbf•ft ± 3 lbf•ft)	(30 lbf•ft ± 4 lbf•ft)
M10	29 N•m ± 3 N•m	48 N•m ± 6 N•m	61 N•m ± 9 N•m	73 N•m ± 7 N•m
	(21 lbf•ft ± 2 lbf•ft)	(35 lbf•ft ± 4 lbf•ft)	(45 lbf•ft ± 7 lbf•ft)	(54 lbf•ft ± 5 lbf•ft)
M12	52 N•m ± 6 N•m	85 N•m ± 10 N•m	105 N•m ± 15 N•m	128 N•m ± 17 N•m
	(38 lbf•ft ± 4 lbf•ft)	(63 lbf•ft ± 7 lbf•ft)	(77 lbf•ft ± 11 lbf•ft)	(94 lbf•ft ± 13 lbf•ft)
M14	85 N•m ± 10 N•m	135 N•m ± 15 N•m	170 N•m ± 20 N•m	200 N•m ± 25 N•m
	(63 lbf•ft ± 7 lbf•ft)	(100 lbf•ft ± 11 lbf•ft)	(125 lbf•ft ± 15 lbf•ft)	(148 lbf•ft ± 18 lbf•ft)
M16	126 N•m ± 14 N•m	205 N•m ± 25 N•m	255 N•m ± 30 N•m	305 N•m ± 35 N•m
	(93 lbf•ft ± 10 lbf•ft)	(151 lbf•ft ± 18 lbf•ft)	(188 lbf•ft ± 22 lbf•ft)	(225 lbf•ft ± 26 lbf•ft)
M18	170 N•m ± 20 N•m	273 N•m ± 32 N•m	330 N•m ± 25 N•m	413 N•m ± 47 N•m
	(125 lbf•ft ± 15 lbf•ft)	(201 lbf•ft ± 24 lbf•ft)	(243 lbf•ft ± 18 lbf•ft)	(305 lbf•ft ± 35 lbf•ft)

NOTE

The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts; however, they represent parts that have the same or similar function. In the pictures below, parts may have been removed for clarity purposes.

PRODUCT CONFORMITY

IMPORTANT

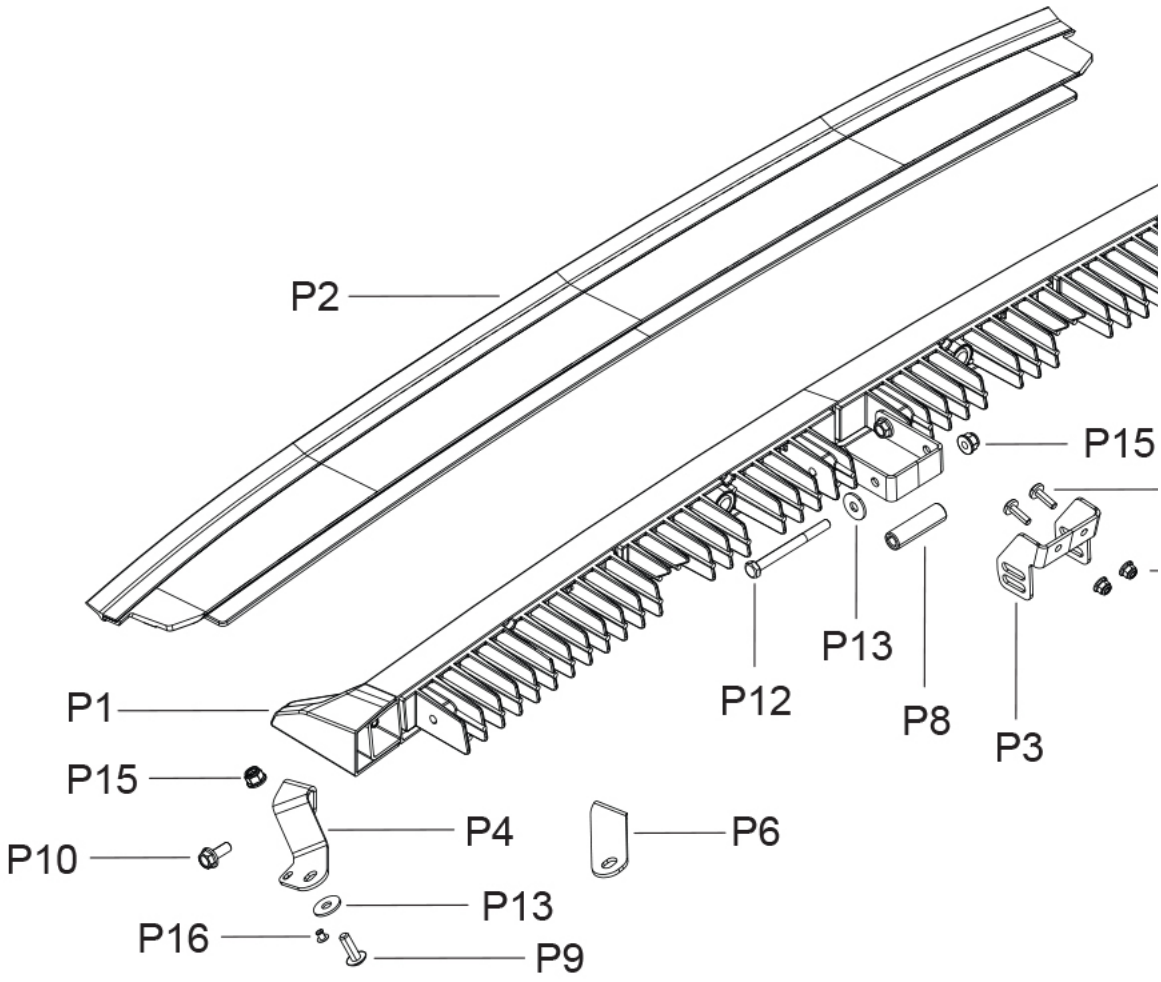
- Modifying an “on-road use” homologated L-category or T-category vehicle using this accessory may be prohibited in some countries. Penalties may result.

- Modifying this “on-road use” vehicle using this accessory will void its compliance with the following EU regulations: Categories T1, T2, or T3 under the Regulation (EU) No 167/2013 of the European Parliament and of the Council of 5 February 2013 on the approval and market surveillance of agricultural and forestry vehicles, or Categories L5 or L7 under the Regulation (EU) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles.

- A modified “on-road use” vehicle may not be authorized to circulate on public roads and thus, may only be operated off-road.

- Inform the owner in writing of the consequence of modifying the vehicle using this accessory.

PARTS TO BE INSTALLED



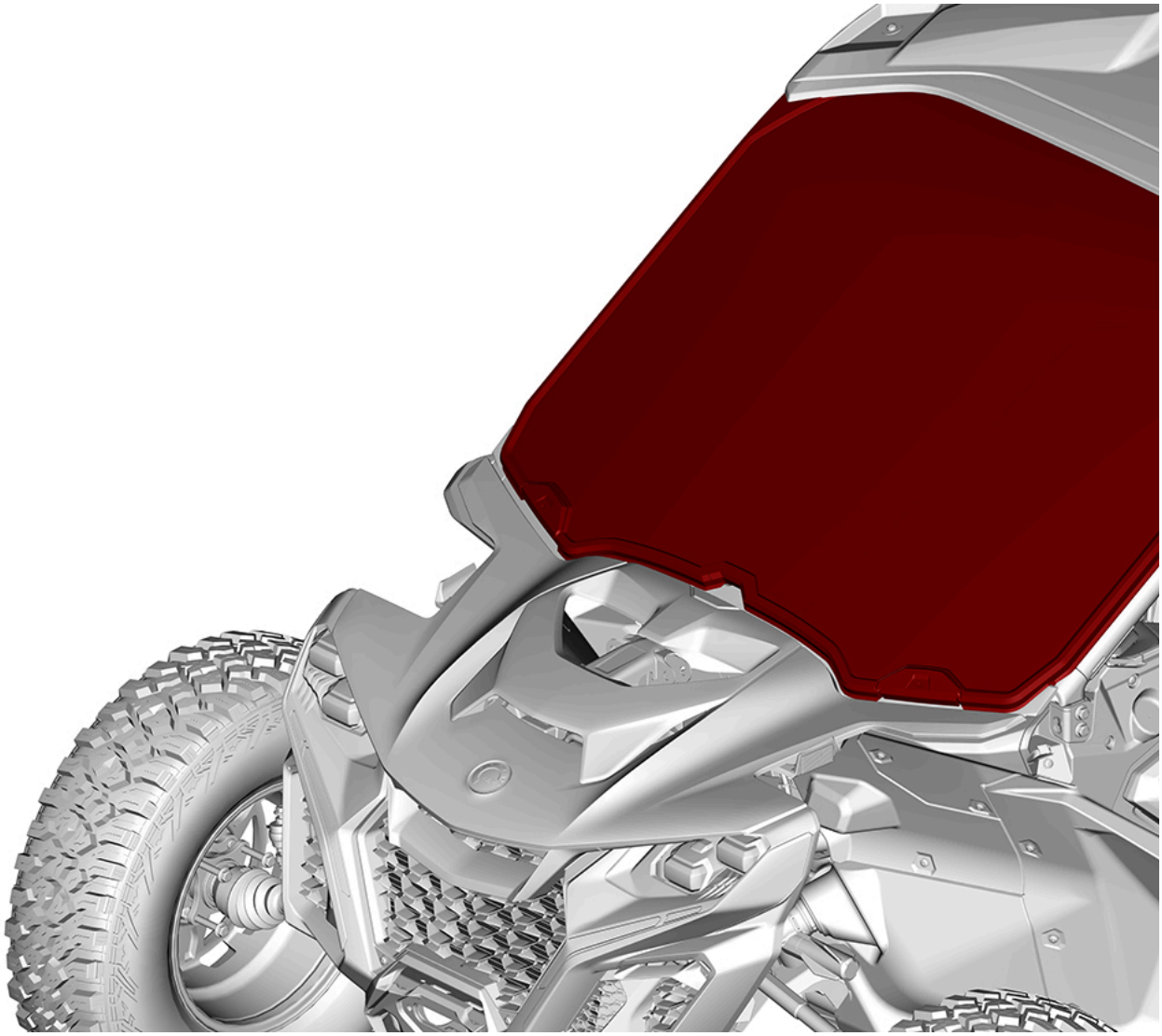
ITEM	DESCRIPTION	PART NUMBER	QTY
P1	Roof Light Assembly	Not available separately	1
P2	Deflector Assembly	710009349	1
P3	Roof Light Central Support	Not available separately	1
P4	Roof Light Left Support (Maverick R)	Not available separately	1
P5	Roof Light Right Support (Maverick R)	Not available separately	1
P6	Roof Light Left Support (Maverick X3)	Not available separately	1
P7	Roof Light Right Support (Maverick X3)	Not available separately	1
P8	Spacer	Not available separately	1
P9	M8 X 25 Torx Screw	250000874	2
P10	M8 X 20 Hex. Scotch Grip Shoulder Screw	207582054	2
P11	M6 X 20 Torx Screw	250000712	2
P12	M8 X 85 Hex. Screw	250001035	1
P13	M8 Flat Washer	234082670	3
P14	M6 Hex. Elastic Shoulder Nut	233261466	2
P15	M8 Hex. Elastic Shoulder Nut	233281464	3
P16	3/16 Pop Rivet	293150102	2
P17	173 X 4.6 Cable Tie (Not Shown)	293750009	3
P18	368 X 4.6 Cable Tie (Not Shown)	293750008	3

NOTE

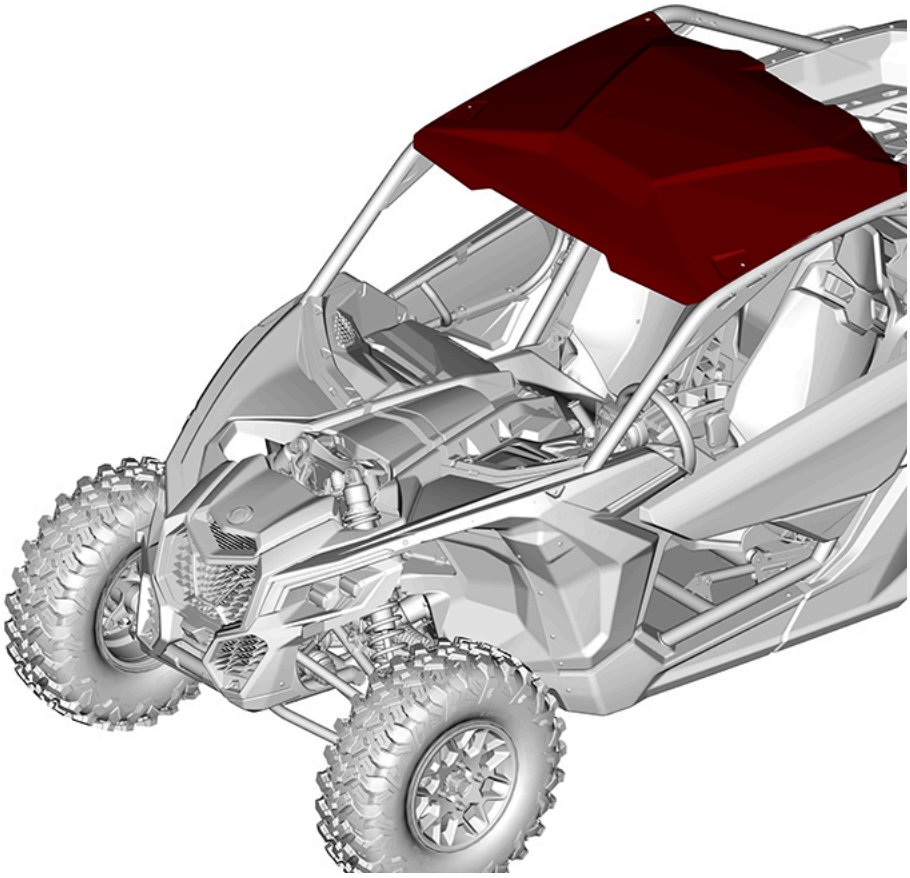
If your vehicle is not equipped with the ACM wiring harness, a LED Roof Light Wiring Harness (P/N 715008209) has to be ordered and installed separately before installing the LED Roof Light.

VEHICLE PREPARATION

1. If the vehicle is equipped with a windshield, lift the roof, then remove the windshield.

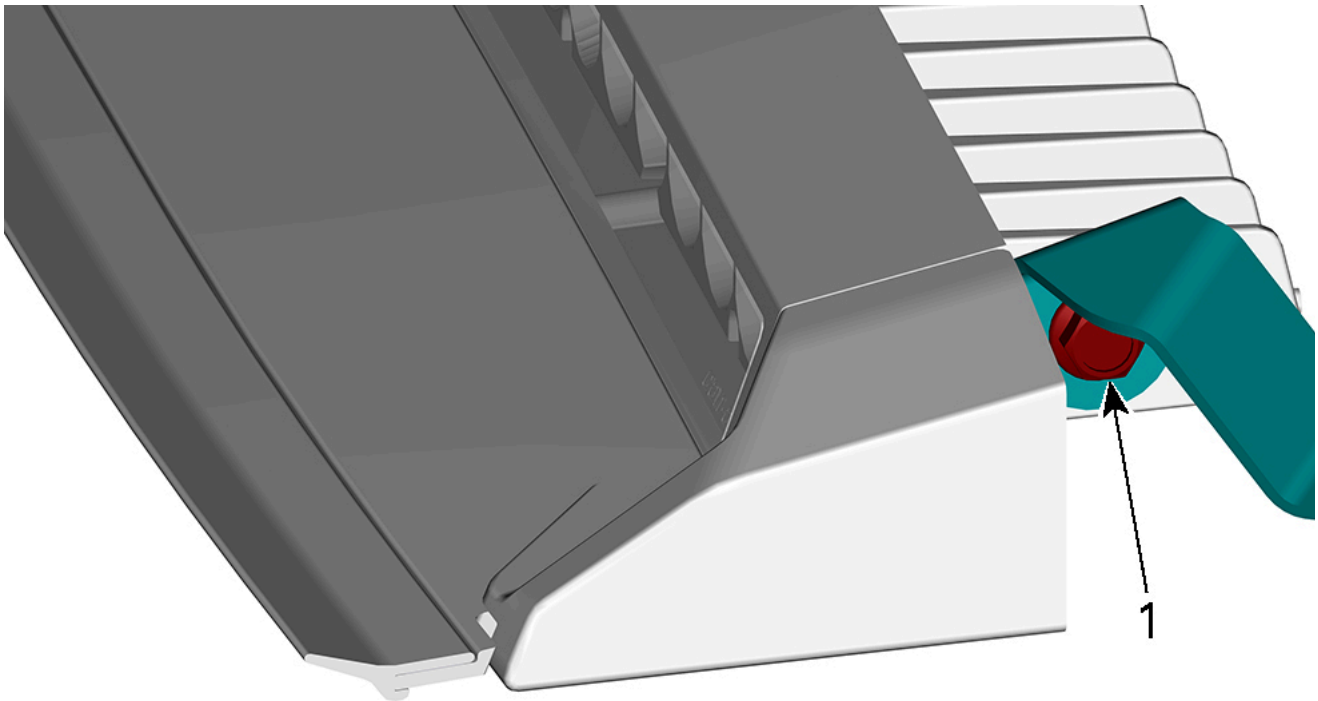


2. If the vehicle is equipped with an aluminum roof, remove it.



INSTALLATION INSTRUCTIONS

1. Remove and keep the left M8 X 20 Hex. Scotch Grip Shoulder Screw [P10] to remove the Roof Light Left Support (Maverick R) [P4]. Repeat on the right with the Roof Light Right Support (Maverick R) [P5].

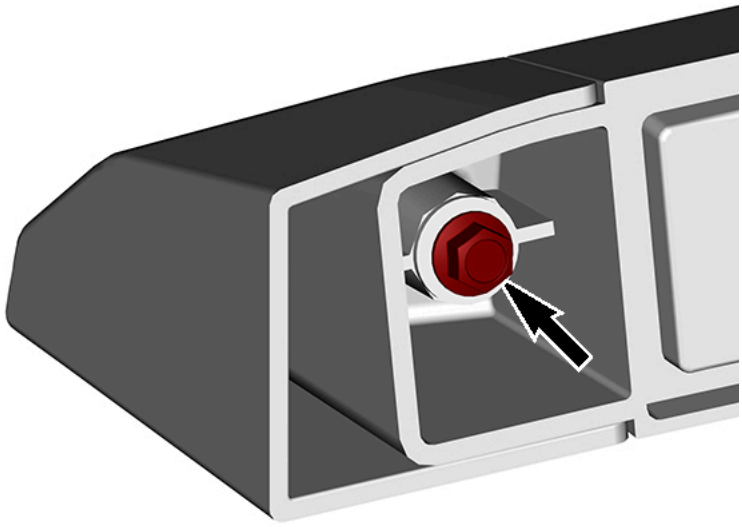


1. M8 X 20 Hex. Scotch Grip Shoulder Screw [P10]
2. Roof Light Left Support (Maverick R) [P4]

LH SIDE SHOWN

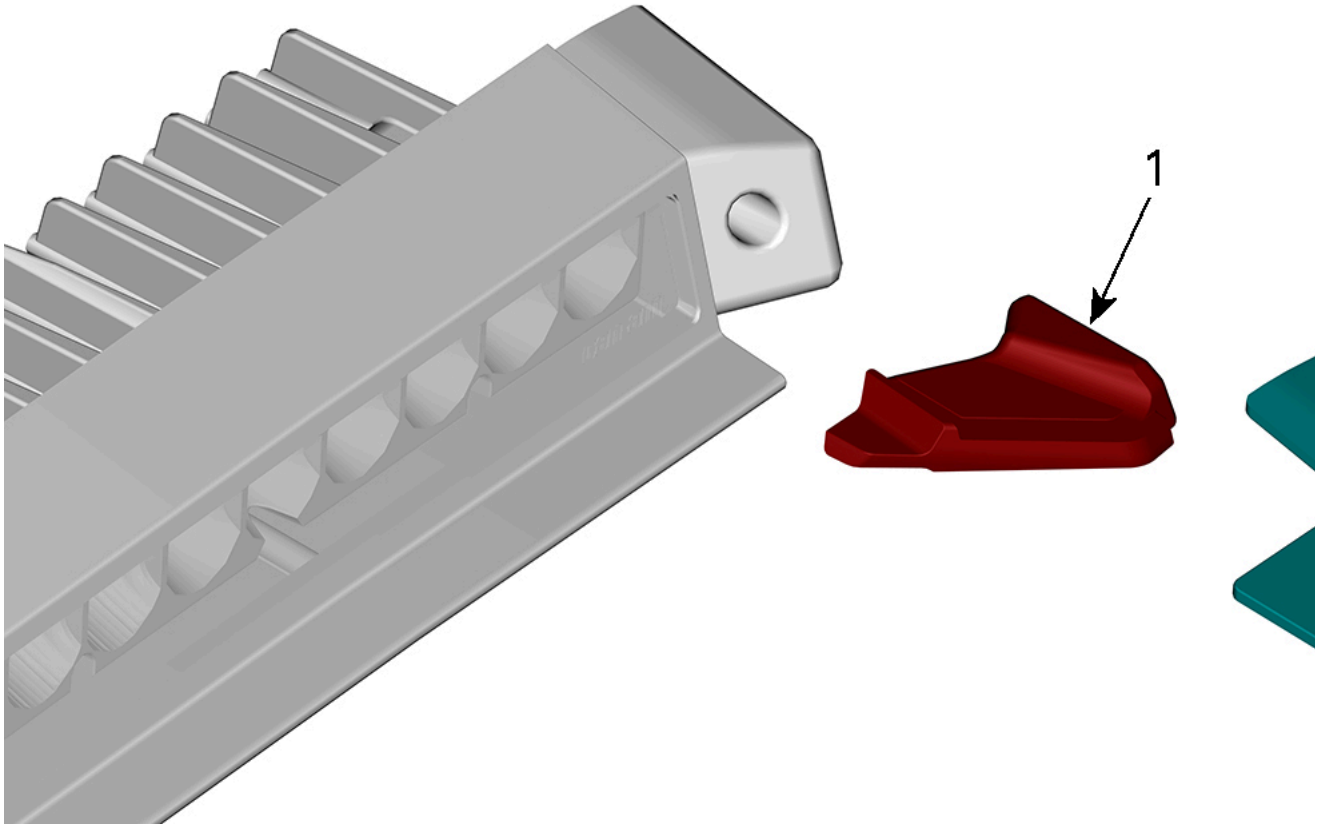
For Vehicles Equipped with a Windshield

2. Remove and keep the End Cap M6 X 20 Hex. Screw on the left side of the Roof Light Assembly [P1]. Repeat on the right.



LH SIDE SHOWN

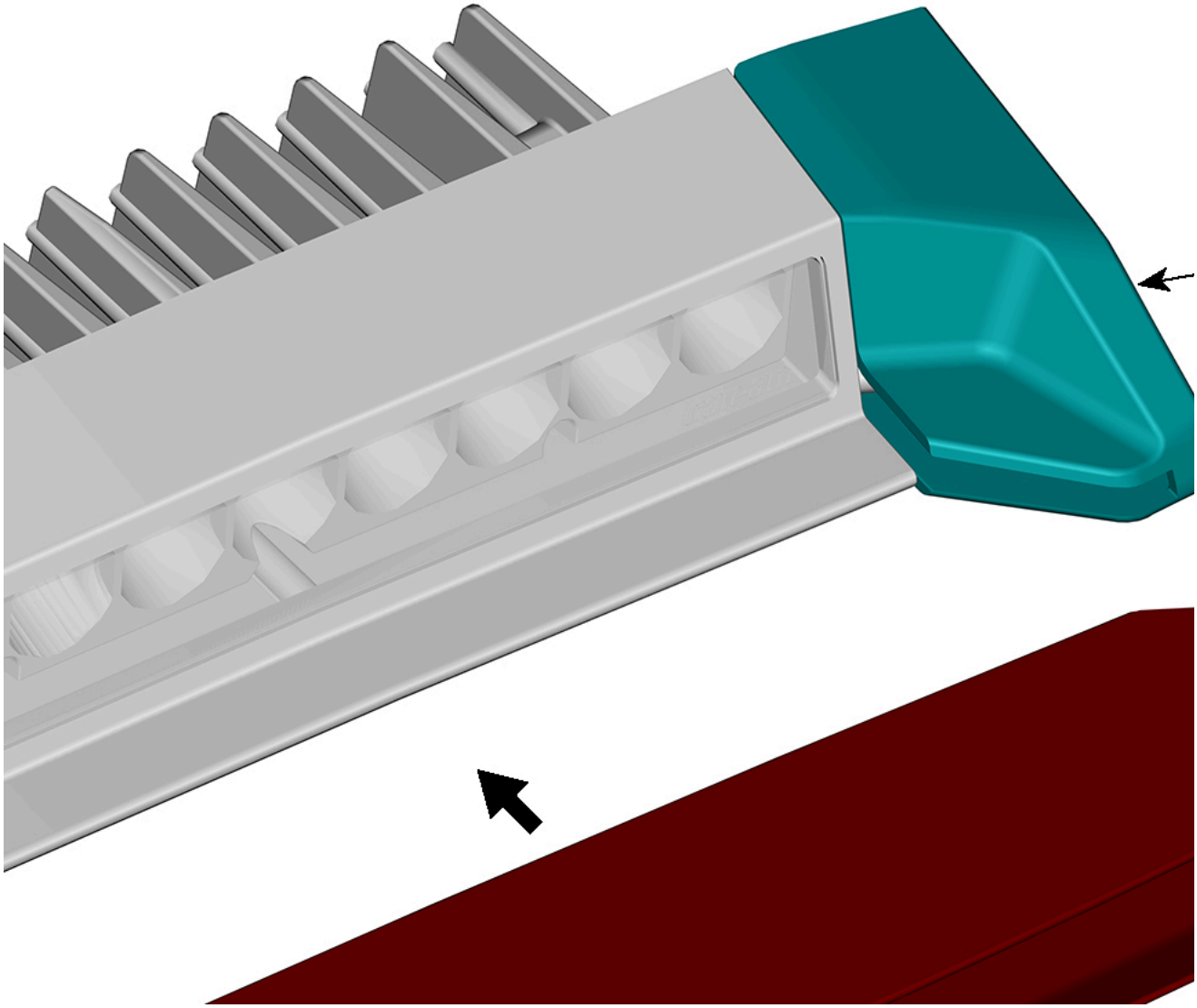
3. Remove the Plug located inside the left End Cap of the Roof Light Assembly [P1]. Repeat on the right.



1. Plug
2. End Cap

LH SIDE SHOWN

4. Insert the Deflector Assembly [P2] in the End Caps on both sides, then reinstall the End Caps in the Roof Light Assembly [P1].

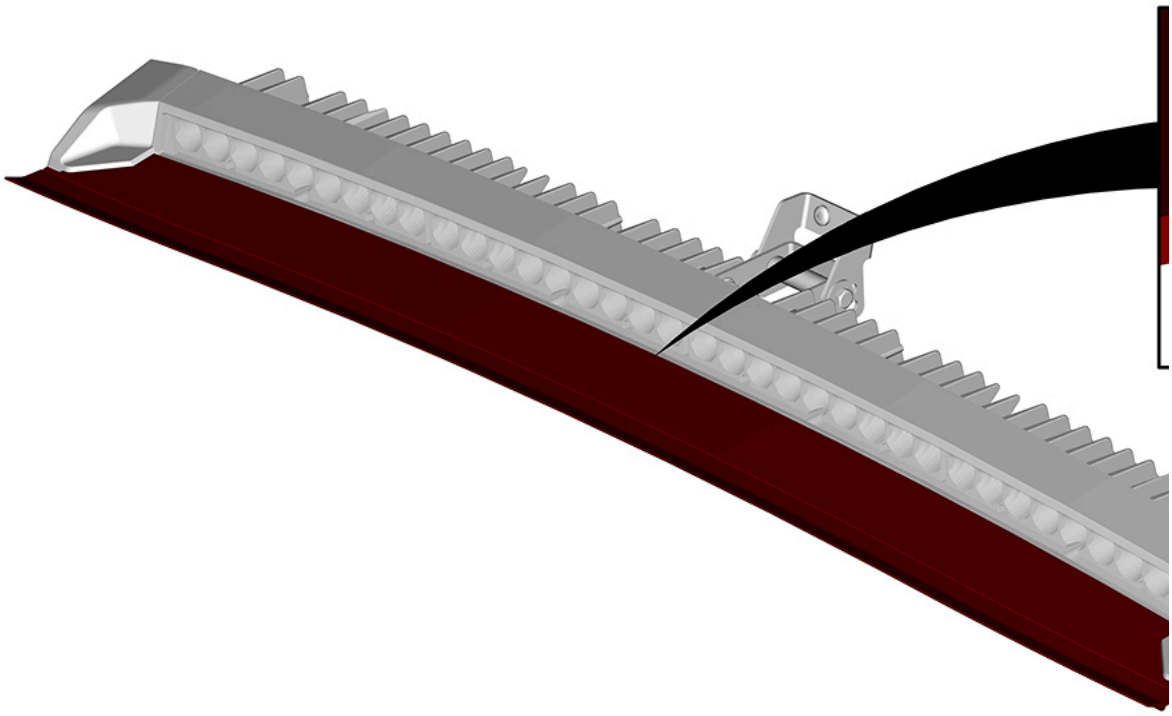


1. End Cap
2. Deflector Assembly [P2]

LH SIDE SHOWN

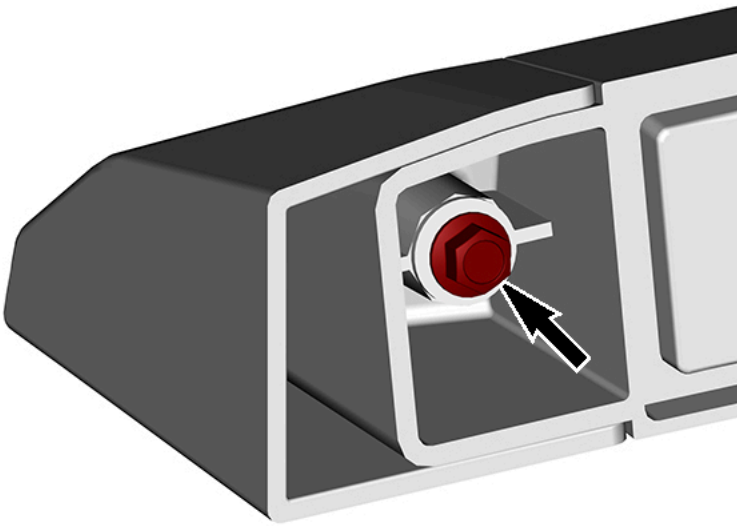
NOTE

Make sure the Deflector Assembly [P2] is well seated on the full length of the Roof Light Assembly.



5. Reinstall the End Cap M6 X 20 Hex. Screws. Tighten to specification.



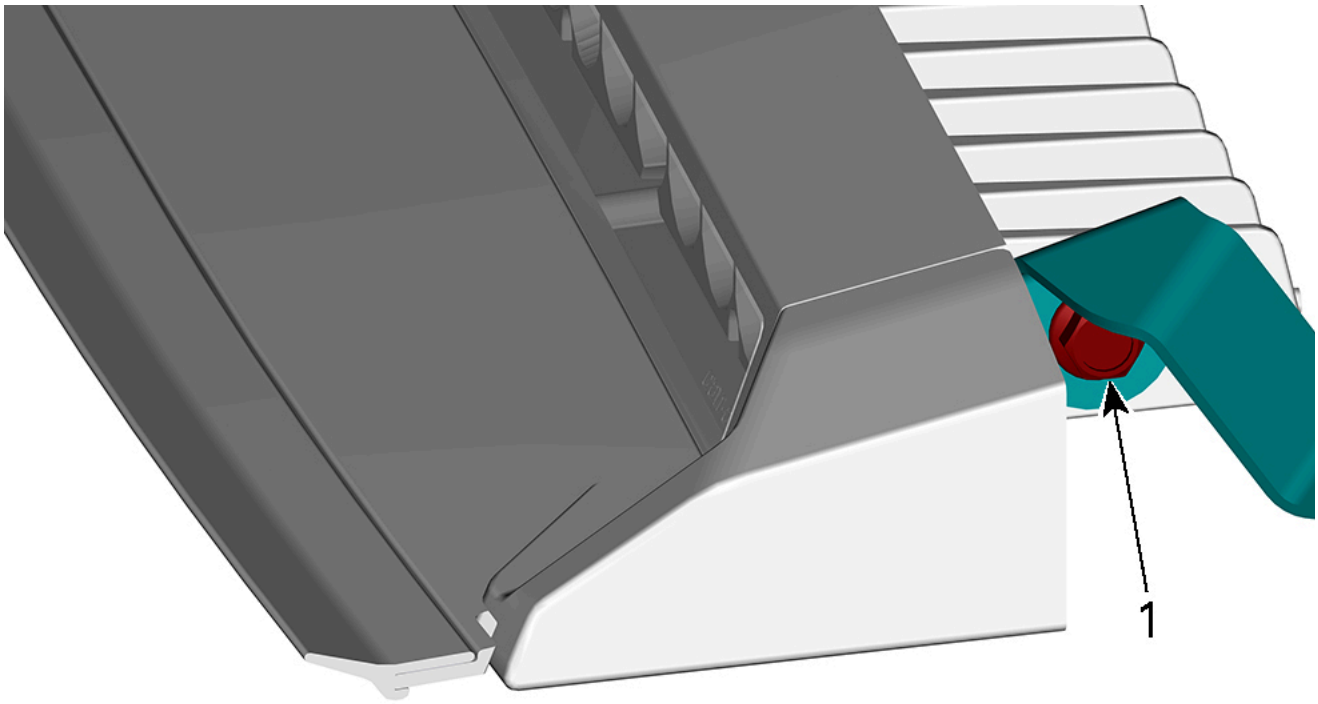


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TIGHTENING TORQUE	
M6 X 20 Hex. Screw	4 ± 1 N•m (35 ± 9 lbf•in)

For Maverick R Models

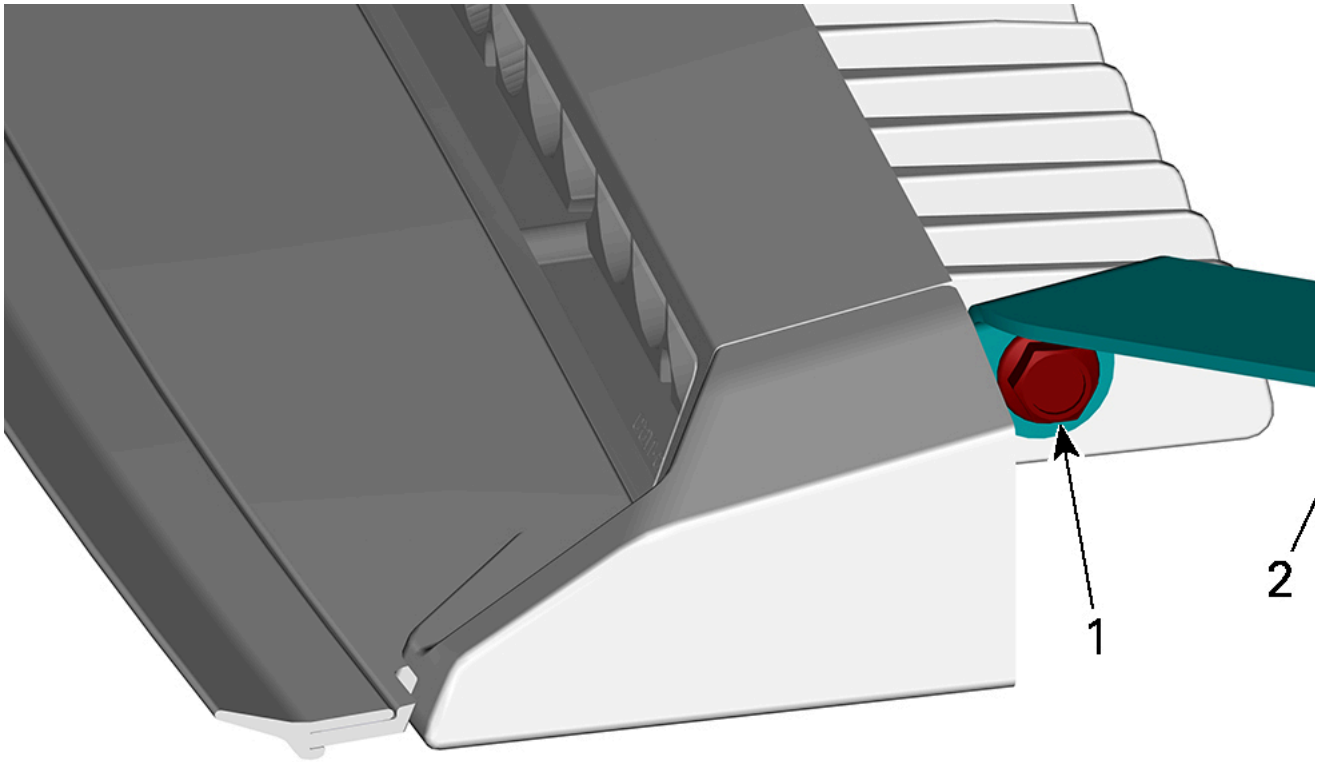
6. Install the Roof Light Left Support (Maverick R) [P4] and Roof Light Right Support (Maverick R) [P5] using the two (2) previously kept M8 X 20 Hex. Scotch Grip Shoulder Screws [P10]. Do not tighten.



LH SIDE SHOWN

For Maverick X3 Models

7. Install the Roof Light Left Support (Maverick X3) [P6] and Roof Light Right Support (Maverick X3) [P7] using the two (2) previously kept M8 X 20 Hex. Scotch Grip Shoulder Screws [P10]. Do not tighten.



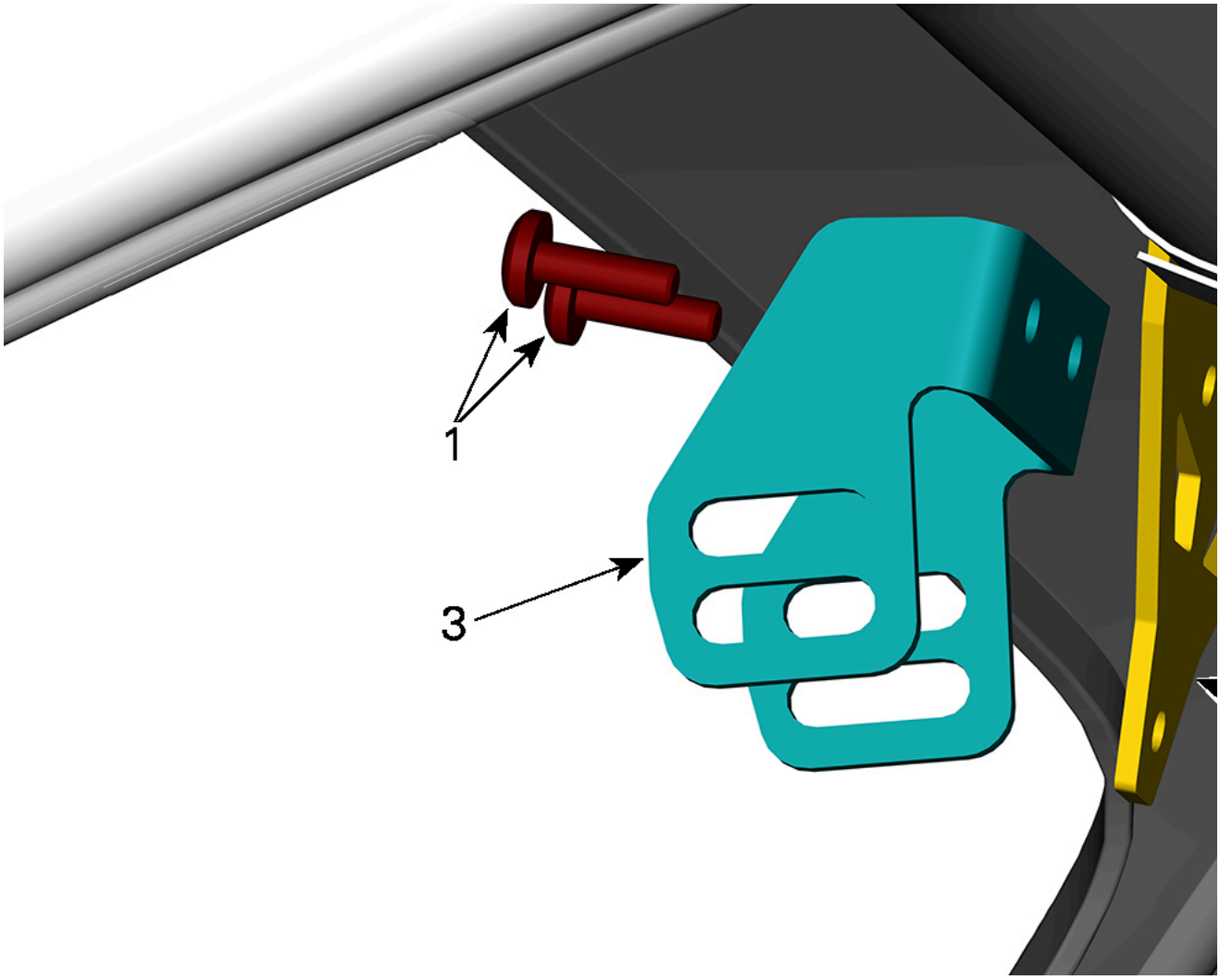
LH SIDE SHOWN

For All Vehicles

NOTE

It is recommended to remove the central rearview mirror to facilitate installation of the kit.

8. Install the Roof Light Central Support [P3] using the two (2) M6 X 20 Torx Screws [P11] and M6 Hex. Elastic Shoulder Nuts [P14]. Tighten to specification.



1. M6 X 20 Torx Screw [P11]
2. M6 Hex. Elastic Shoulder Nut [P14]
3. Roof Light Central Support [P3]
4. Rearview Mirror Support Plate

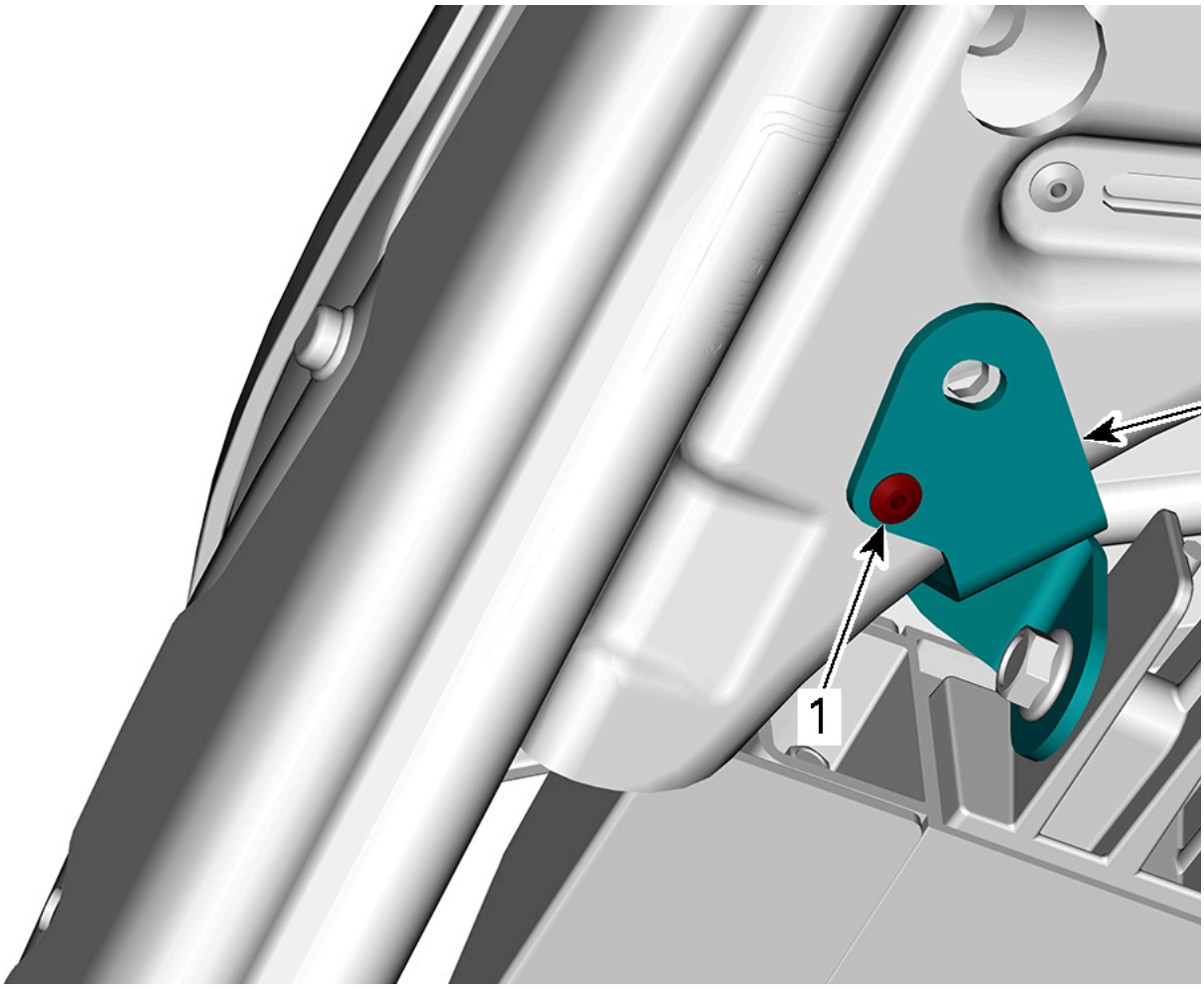
TIGHTENING TORQUE	
M6 X 20 Hex. Screw	10 ± 2 N•m (89 ± 18 lbf•in)

For Maverick R Vehicles

9. Position the Roof Light Assembly [P1] as shown, then secure it using the two (2) 3/16 Pop Rivets [P16].

NOTE

Two (2) people are recommended for this step.

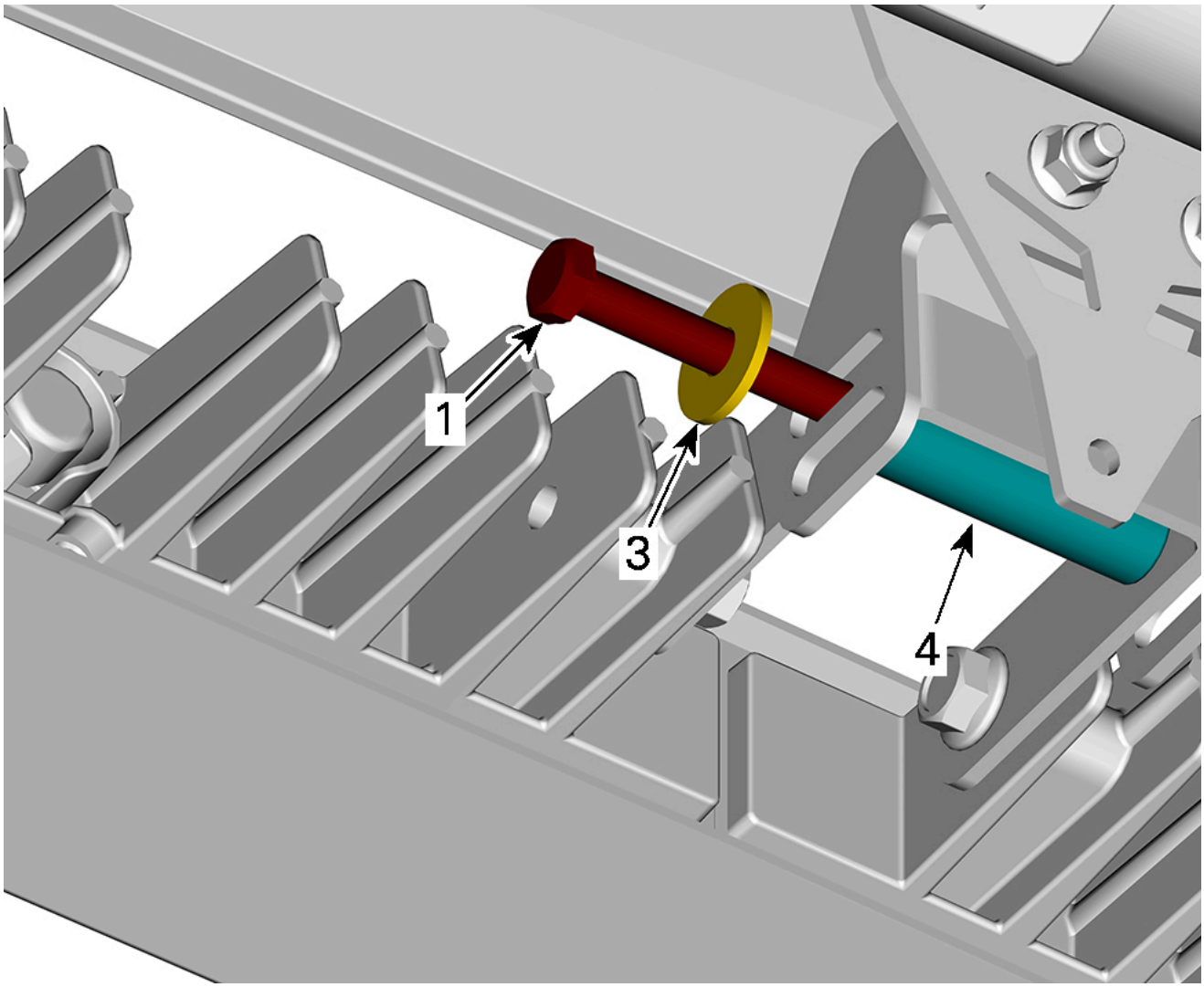


1. 3/16 Pop Rivet [P16]
2. Roof Light Left Suport (Maverick R) [P4]

LH SIDE SHOWN

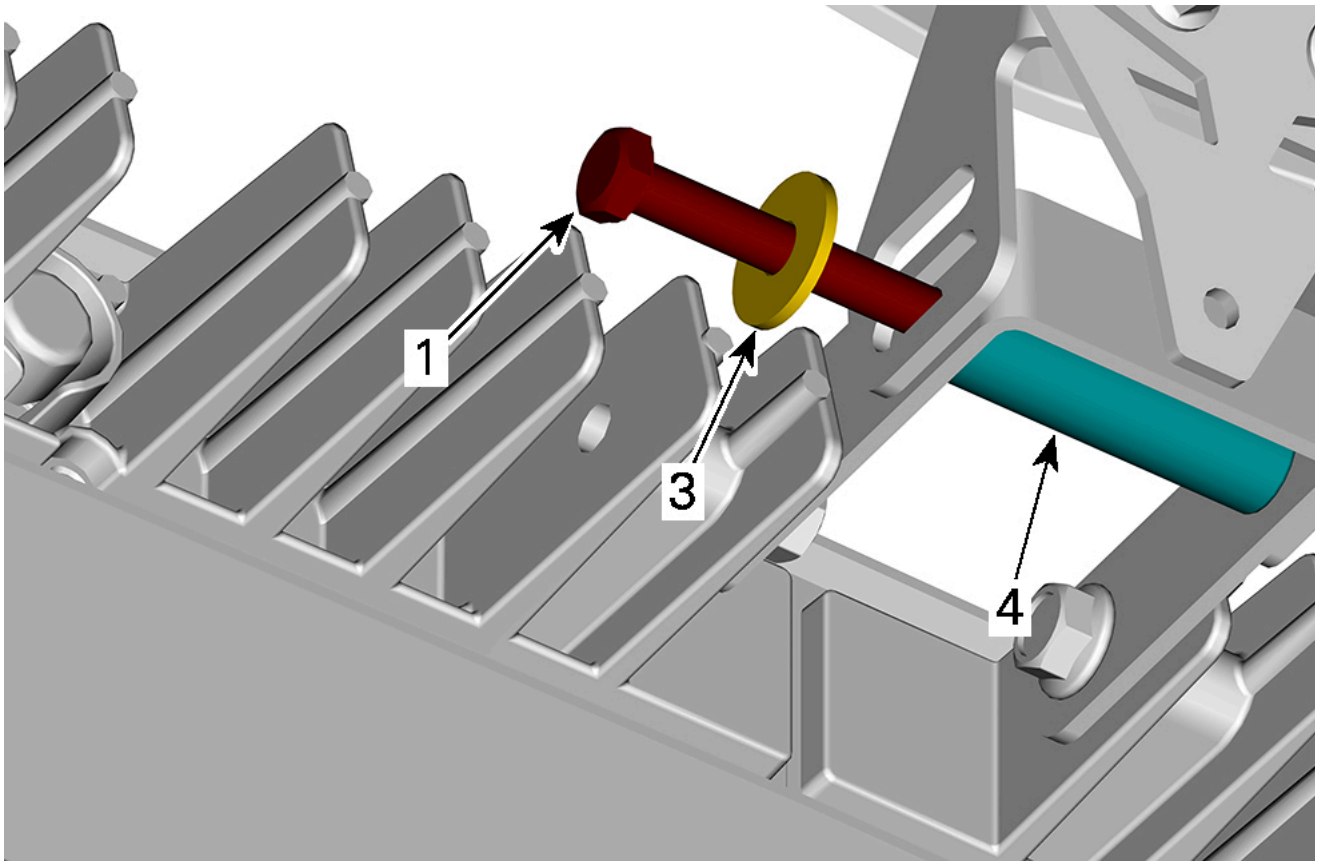
For All Vehicles

10. Install the Roof Light Assembly [P1] on the Roof Light Central Support [P3] using the M8 X 85 Hex. Screw [P12], M8 Flat Washer [P13], Spacer [P8] and M8 Hex. Elastic Shoulder Nut [P15]. Tighten to specification.



1. M8 X 85 Hex. Screw [P12]
2. M8 Hex. Elastic Shoulder Nut [P15]
3. M8 Flat Washer [P13]
4. Spacer [P8]

INSTALLATION FOR MAVERICK R

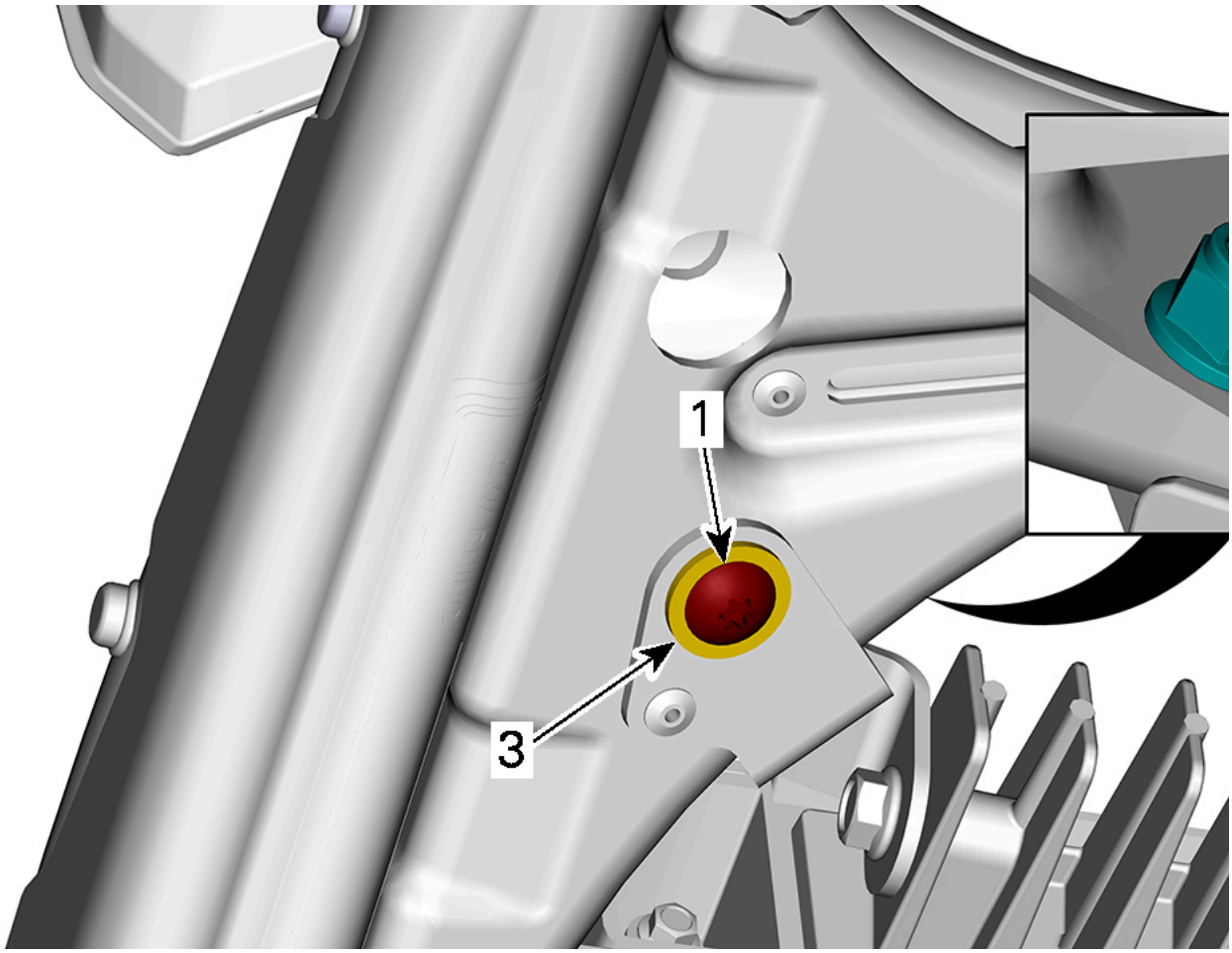


1. M8 X 85 Hex. Screw [P12]
2. M8 Hex. Elastic Shoulder Nut [P15]
3. M8 Flat Washer [P13]
4. Spacer [P8]

INSTALLATION FOR MAVERICK X3

TIGHTENING TORQUE	
M8 X 85 Hex. Screw [P12]	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)

11. Install the two (2) M8 X 25 Torx Screws [P9], M8 Flat Washers [P13] and M8 Hex. Elastic Shoulder Nuts [P15] on the Left and Right Roof Light Supports. Tighten to specification.



1. M8 X 25 Torx Screws [P9]
2. M8 Hex. Elastic Shoulder Nuts [P15]

LH SIDE SHOWN

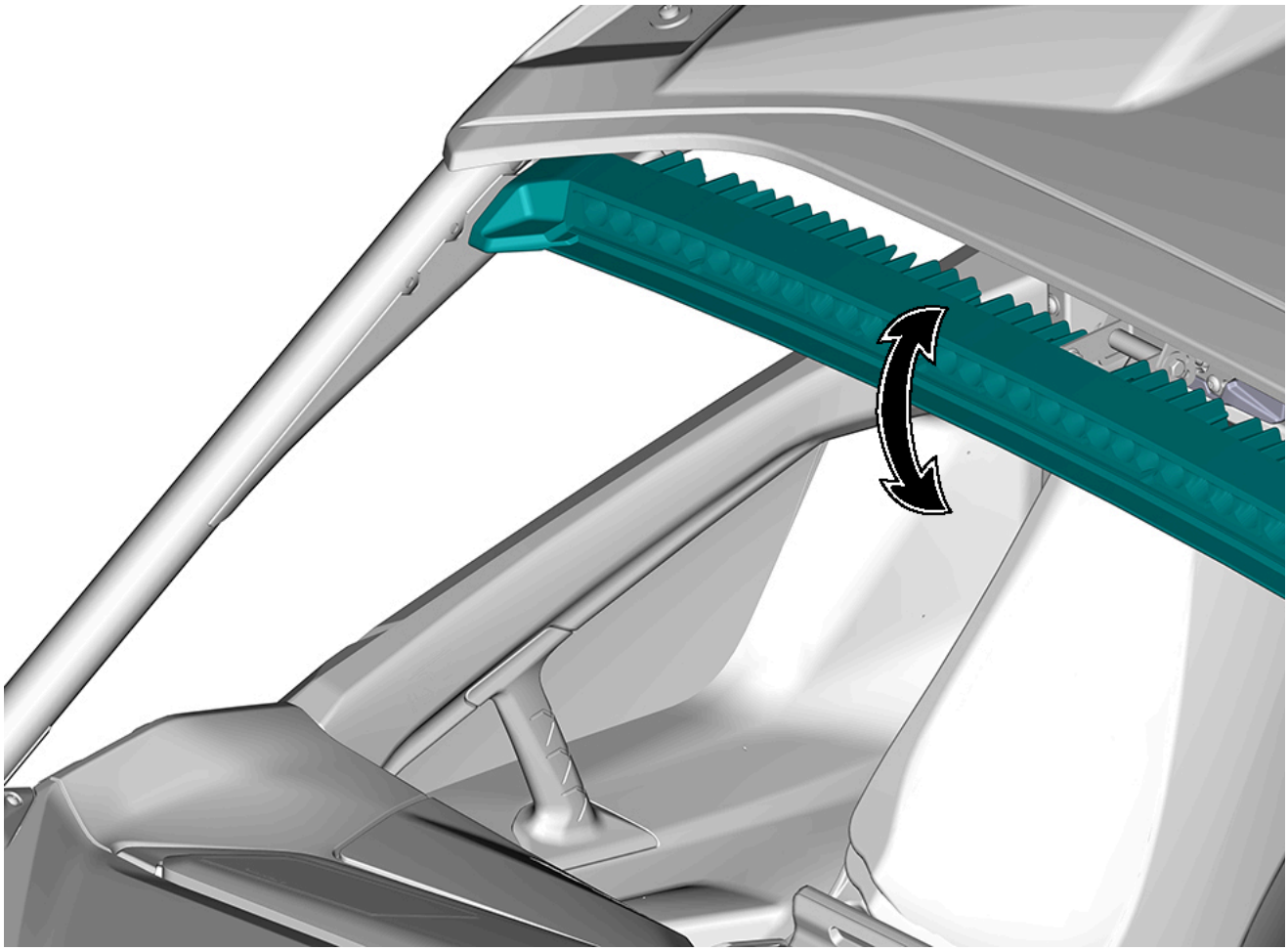
TIGHTENING TORQUE	
M8 X 85 Hex. Screw [P12]	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)

NOTE

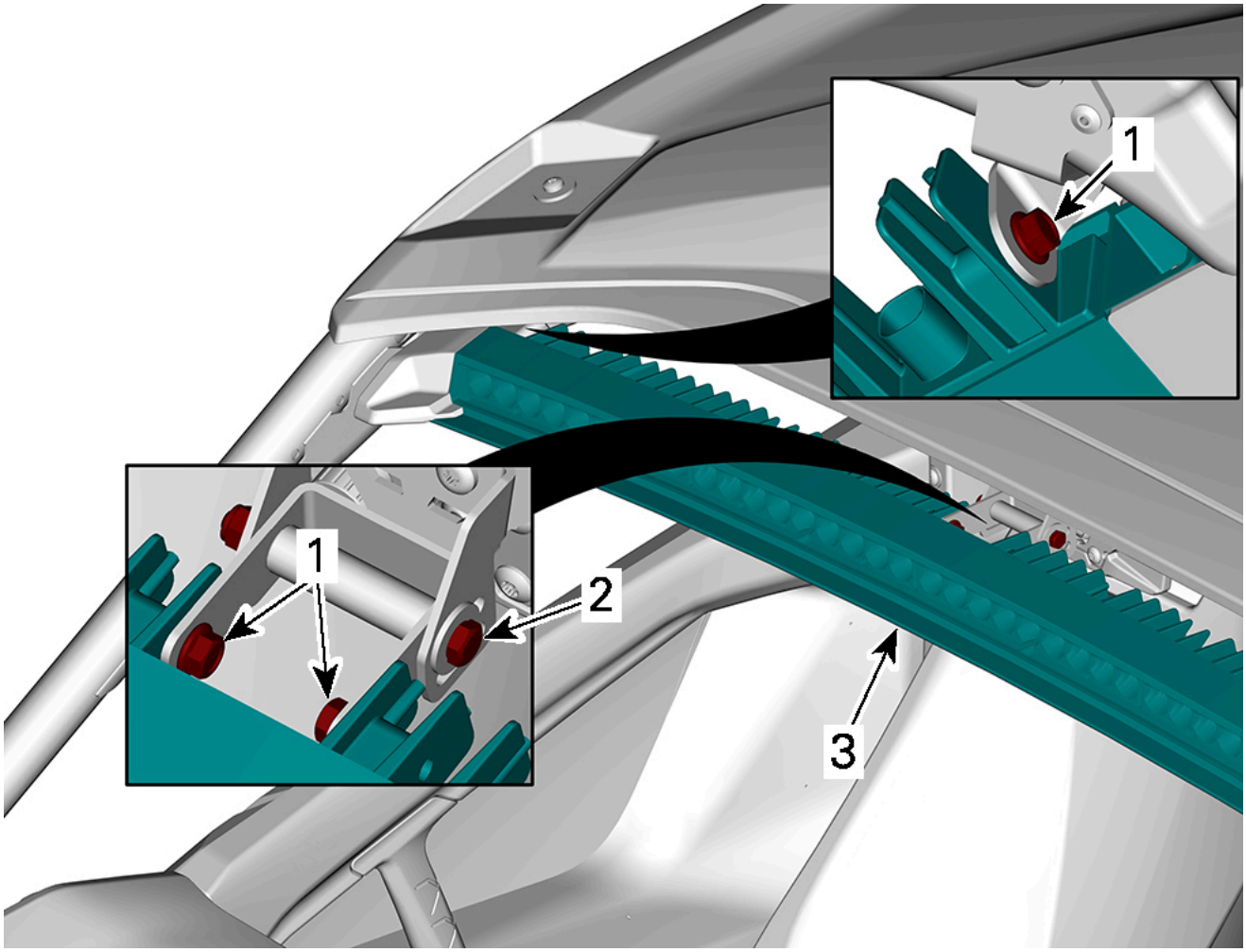
If the central rearview mirror has been removed, it is recommended to reinstall it before proceeding to the next step.

For Vehicles without a Windshield

12. Adjust the Roof Light to the desired angle.



13. Tighten the screws shown below to specification.

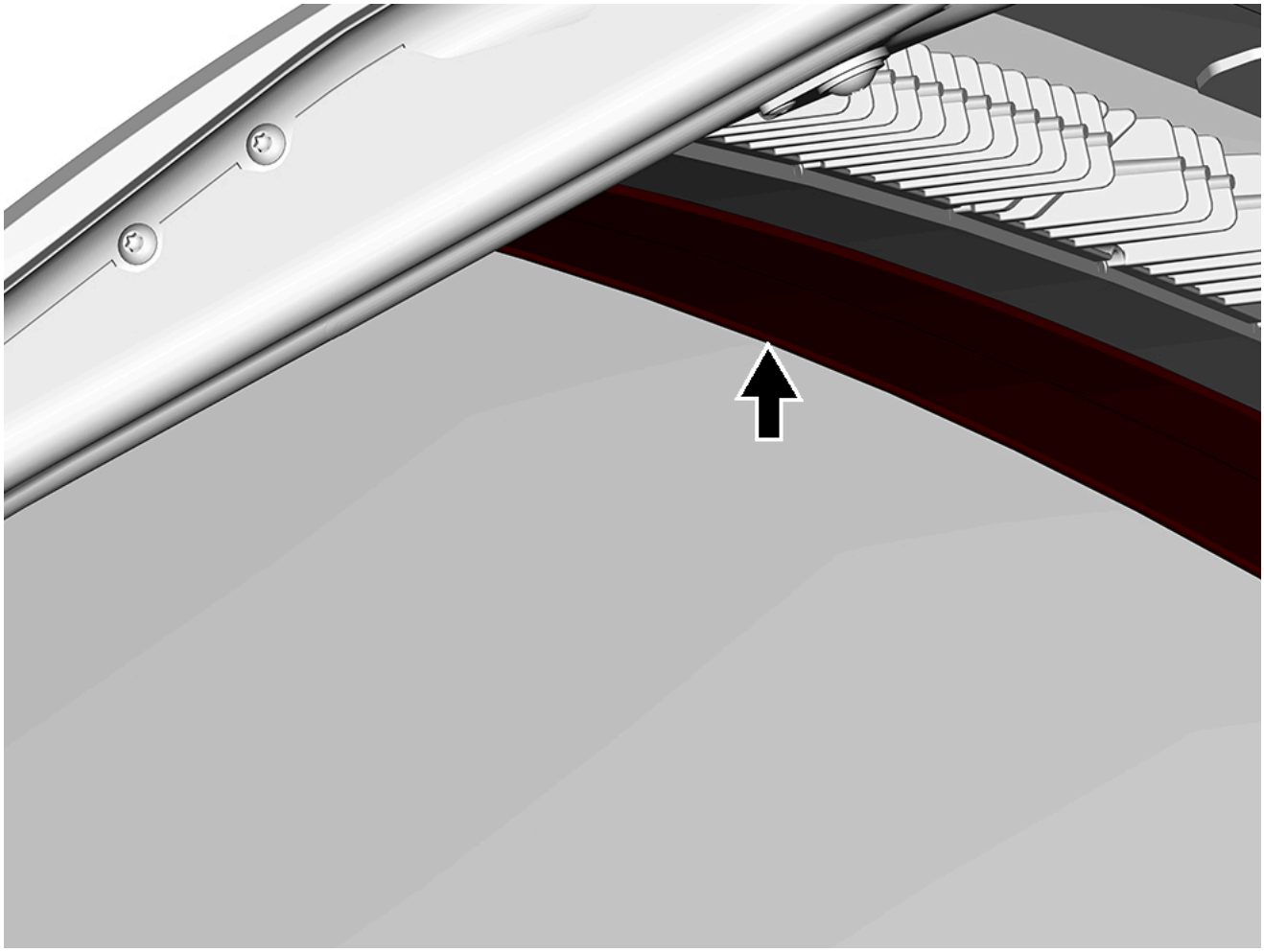


1. M8 X 20 Hex. Scotch Grip Shoulder Screw [P10]
2. M8 X 85 Hex. Screw [P12]
3. Roof Light Assembly [P1]

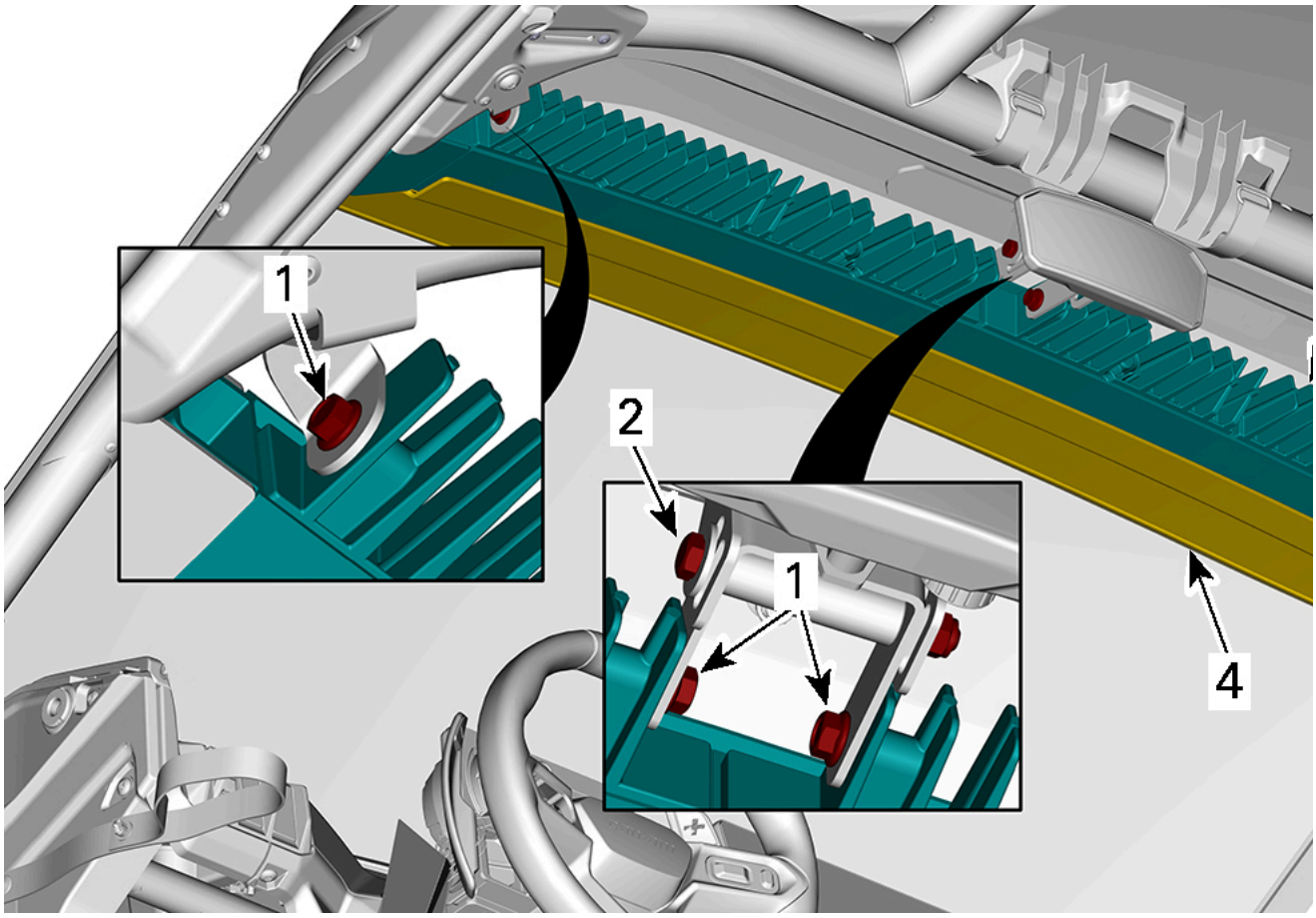
TIGHTENING TORQUE	
M8 X 20 Hex. Scotch Grip Shoulder Screw [P10]	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)
M8 X 85 Hex. Screw [P12]	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)

For Vehicles Equipped with a Windshield

14. Reinstall the Windshield.
15. Adjust the Roof Light by pushing up on the Roof Light Assembly [P1]. Make sure the seal on the Deflector Assembly [P2] is pressed on the center as well as on both sides of the Windshield.



16. Tighten the screws shown to specification.



1. M8 X 20 Hex. Scotch Grip Shoulder Screw [P10]
2. M8 X 85 Hex. Screw [P12]
3. Roof Light Assembly [P1]
4. Deflector Assembly [P2]

For Vehicles Equipped with a Roof

17. Reinstall the roof.

