



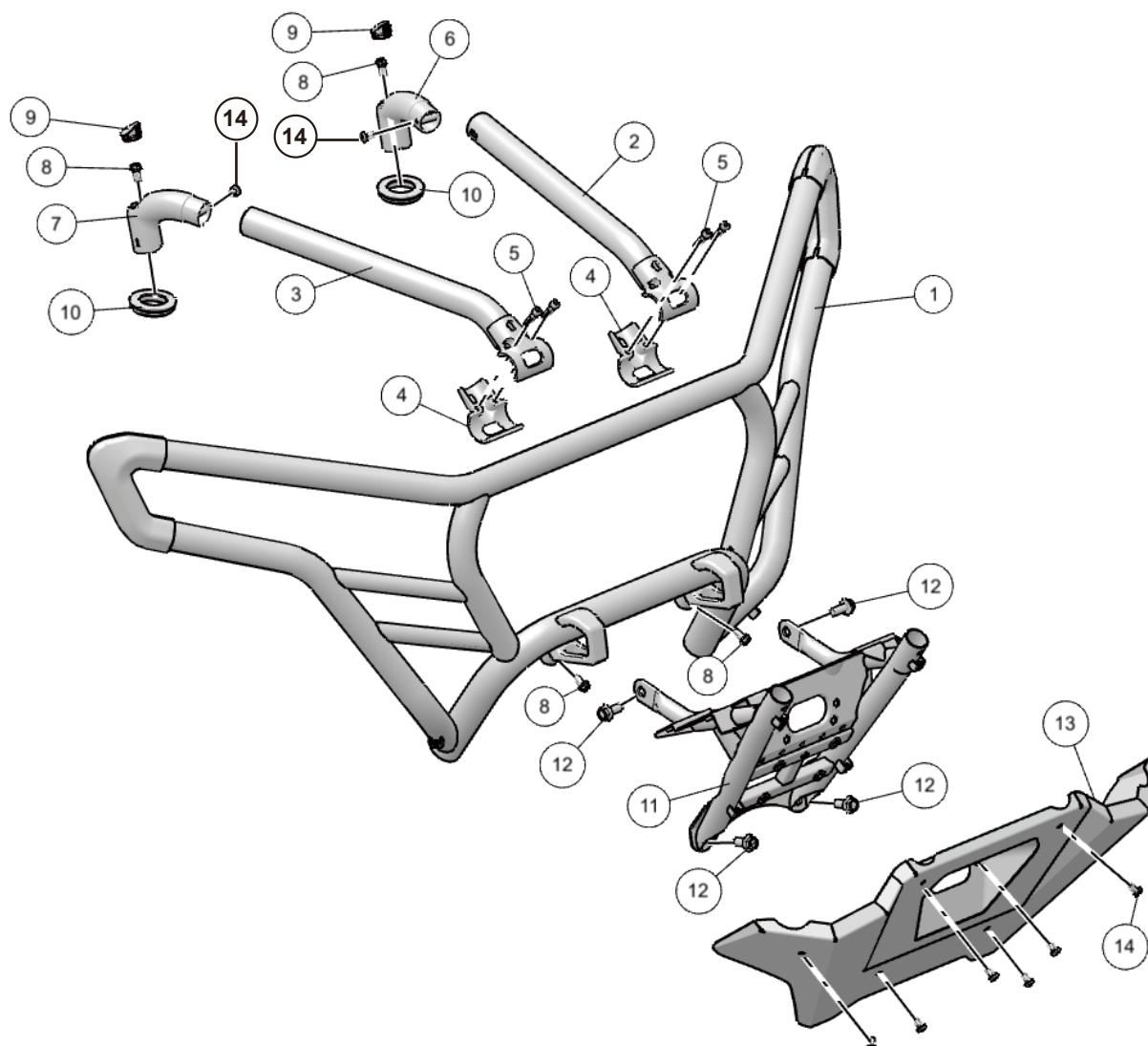
SEGWAY

SUPER VILLAIN SX20T ACCESSORIES INSTALLATION MANUAL



FRONT BIG BUMPER ASSEMBLY INSTALLATION GUIDE

FRONT BIG BUMPER ASSEMBLY DIAGRAM

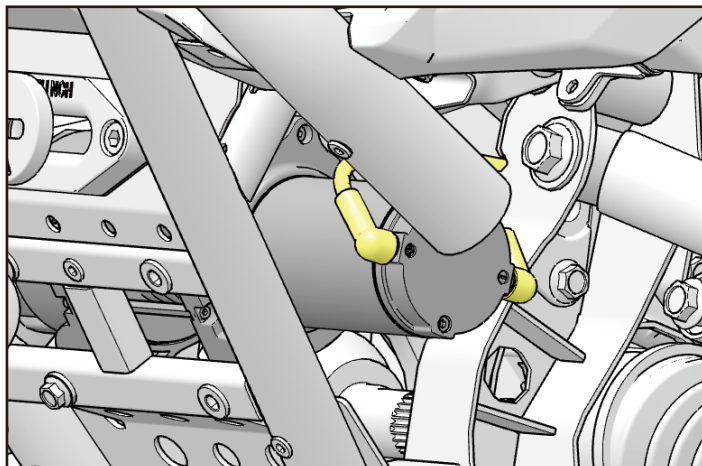


No.	PART NAME	PART NUMBER	QTY	REMARKS
1	FRONT BIG BUMPER,UPPER	S11-C004500-0MP-00	1	
2	LEFT ROD	S11-C004800-0MP-00	1	
3	RIGHT ROD	S11-C004700-0MP-00	1	
4	CLAMP 2	S01-R006109-000-00	2	
5	SCREW M8×35	GBT000701043	4	35±5N·m
6	LEFT JOINT	S11-C040800-0MP-00	1	
7	RIGHT JOINT	S11-C040900-0MP-00	1	
8	HEXAGON FLANGE BOLT M8×20	GBT005789015	4	35±5N·m
9	PLUG	S11-H010701-0B0-00	2	
10	FRONT COVER PLUG B	S11-H010801-0B0-00	2	
11	FRONT BIG BUMPER,LOWER	S11-C004600-0MP-00	1	
12	BOLT M12×1.25×30	GBT005789054	4	110±10N·m
13	FRONT GUARD	S11-C004900-000-00	1	
14	HEXAGONAL BOLT M6 × 12	D03P21204001	8	10±2N·m

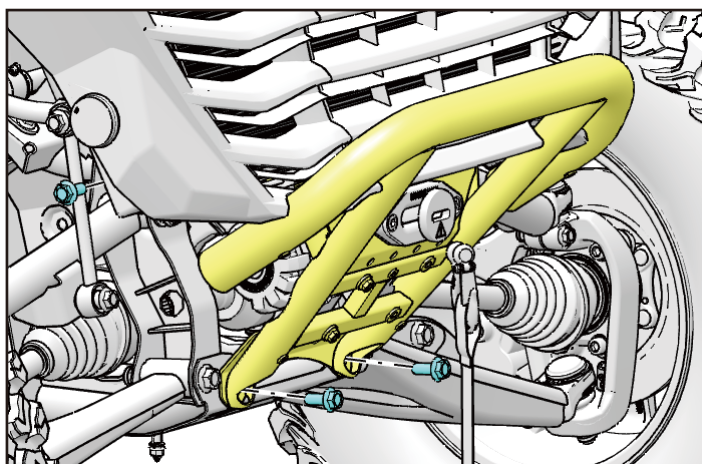
FRONT BIG BUMPER ASSEMBLY INSTALLATION GUIDE

REMOVAL OF ORIGINAL FRONT BUMPER ASSEMBLY

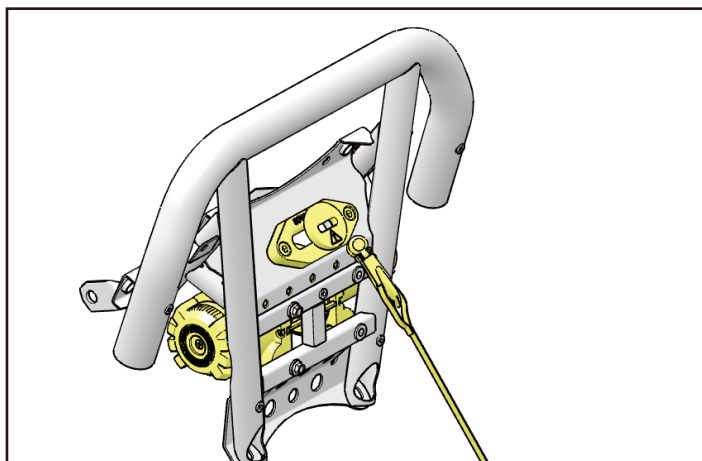
1.If the vehicle is equipped with a winch assembly, disconnect the winch motor cables from the winch motor.



2.Remove the four bolts from the vehicle's original bumper and take off the bumper.

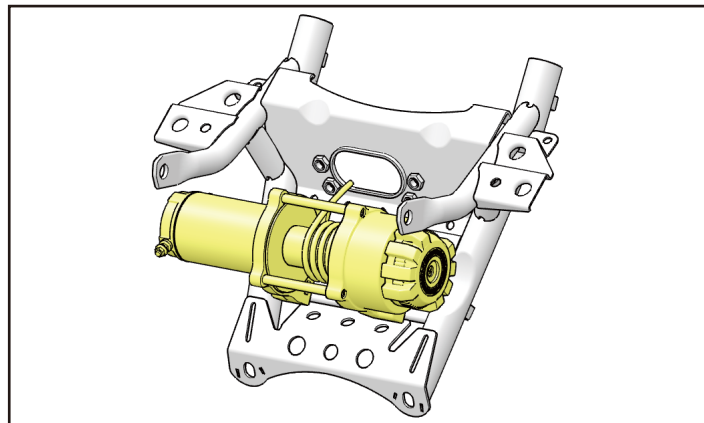


3.If the vehicle is equipped with a winch assembly, remove all winch-related components from the bumper (including but not limited to the winch motor, winch guide pulley, etc.)

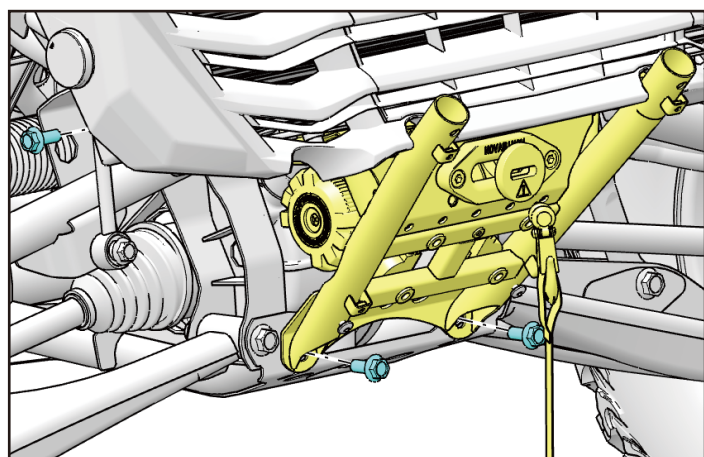


INSTALLATION OF FRONT BIG BUMPER ASSEMBLY

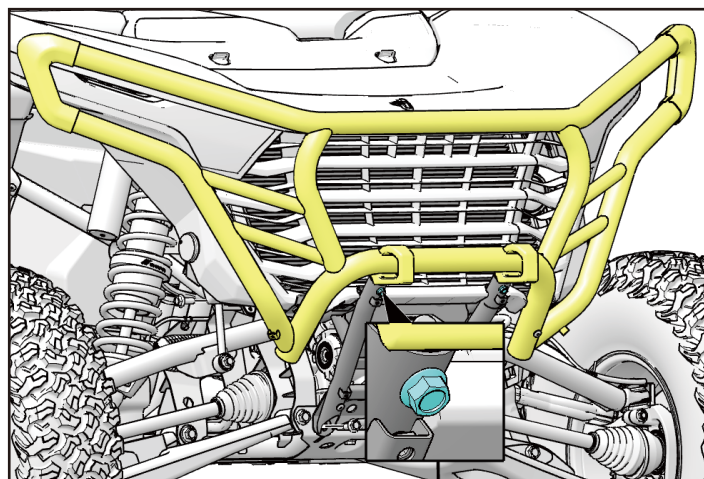
1.Reinstall the winch motor onto the front big bumper, lower.



2.Secure the front big bumper, lower to the corresponding mounting holes on the frame using four bolts m12×1.25×30.



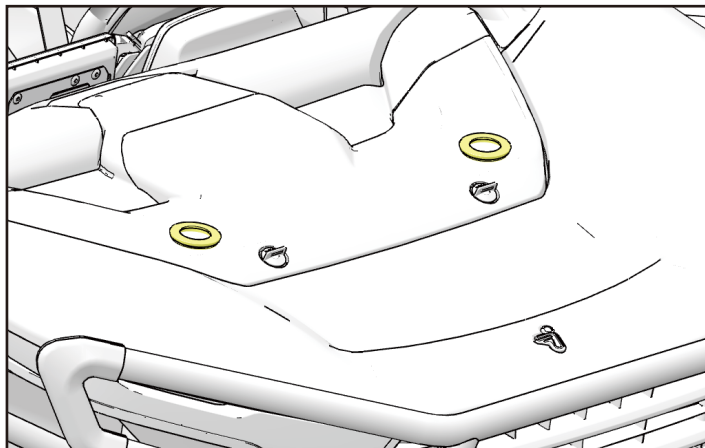
3.Insert the cylindrical end of the front big bumper,upper into the corresponding cylinder of the front big bumper,lower. Secure with one hexagon flange bolt m8×20 on each side.



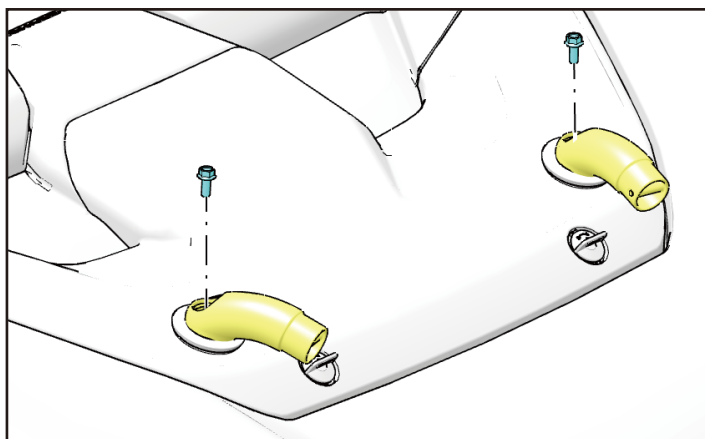
FRONT BIG BUMPER ASSEMBLY INSTALLATION GUIDE

INSTALLATION OF FRONT BIG BUMPER ASSEMBLY

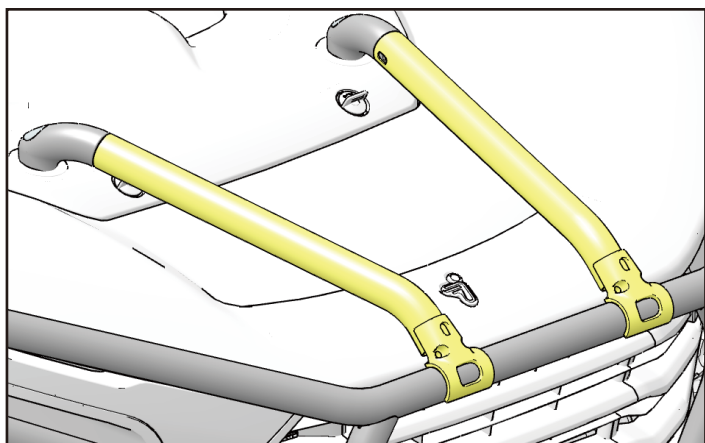
4.Remove the original two plugs from the front access cover and install front cover plugs b into the round holes.



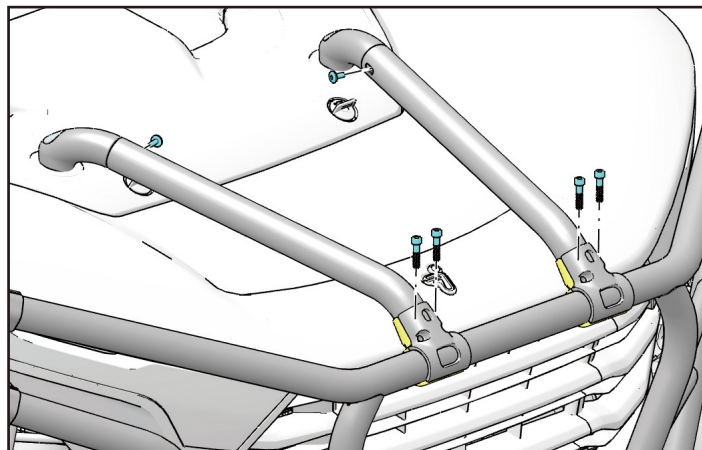
5.Attach the left (right) joints to the corresponding mounting holes on the frame using hexagon flange bolt m8×20. During installation, pay attention to the left/right markings on top, do not fully tighten them at this stage.



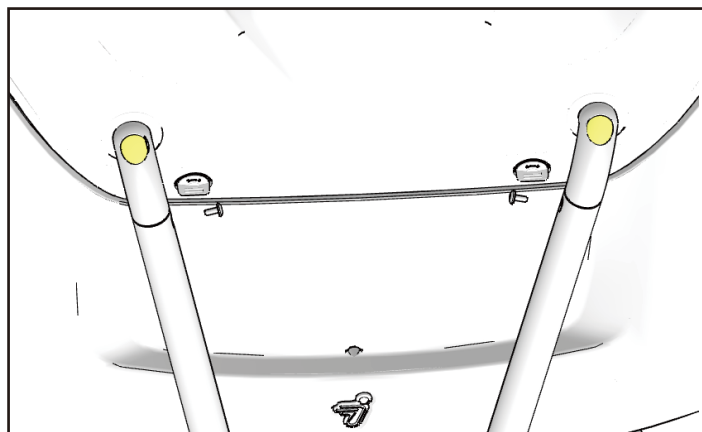
6.Insert the circular hole end of the left (right) rods into the left (right) joints. Position the other end of the left (right) rods onto the bumper tube of front big bumper,upper. Pay attention to left and right orientation during installation and adjust the position accordingly.



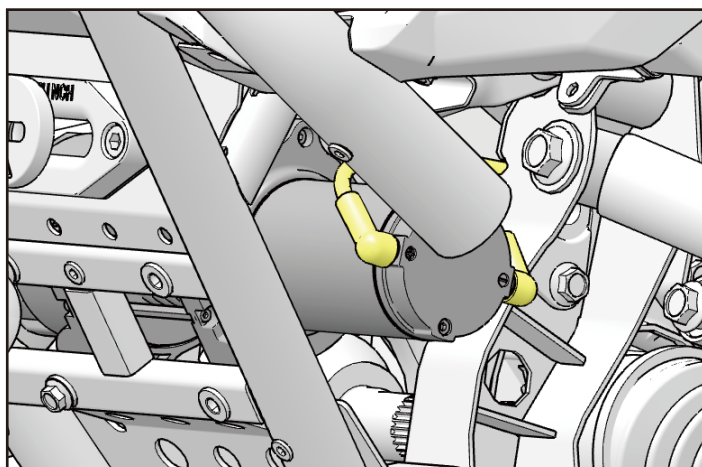
7.Secure the circular hole of the left (right) rods using two hexagonal bolts m6×12. Secure the other end of left (right) rods to the front big bumper,upper using the clamps 2 and four screws m8×35.



8.Tighten the two hexagon flange bolts m8×20, then install the two plugs onto the upper ends of the left (right) joints.



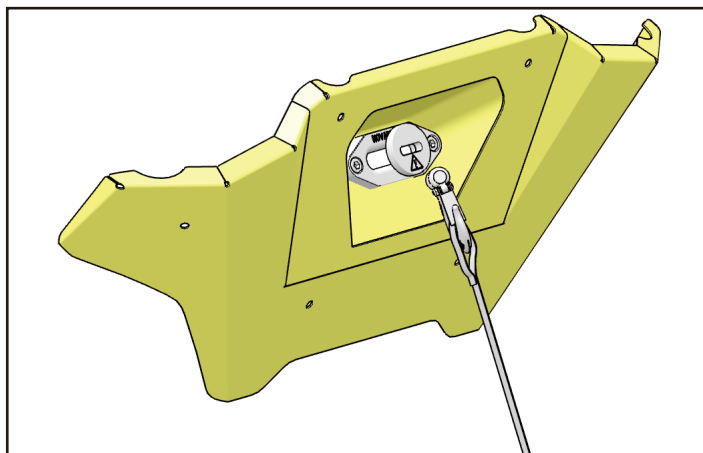
9.Reconnect the winch motor cables to the winch motor, paying attention to the positive and negative terminals.



FRONT BIG BUMPER ASSEMBLY INSTALLATION GUIDE

INSTALLATION OF FRONT BIG BUMPER ASSEMBLY

10. Install the winch guide pulley, winch hook, and other components on the front guard.



11. Secure the front guard to the bumper using 6 hexagonal bolts m6×12, then tighten the bolts.

