

SSV KIT - Front Winch Bumper

Part number (SKU) : 715004151715003779715005092

Product:	SSV
Project no:	487802360
Instruction Sheet P/N:	487802360
Revision no:	
Revision date:	
Item covered:	Front Winch Bumper

INSTALLATION INSTRUCTIONS



FRONT WINCH BUMPER

DISCLAIMER

We stand behind all products fabricated by S3 Power Sports. We are not responsible nor do we accept liability for breakage or failure of parts as a result of rugged off-road use. Vehicle modifications are done at your own risk, and we do not accept any responsibility for damages caused by vehicle modifications. Modification and some aftermarket parts may void factory warranty. S3 Power Sports is not liable for damages to user or equipment as a result of vehicle modifications. Modifications to vehicles may create dangerous situations and are done at the risk of the user. The user hereby expressly assumes all risks associated with any such modifications made by or parts sold by S3 Power Sports. S3 Power Sports and parts sold by S3 Power Sports are for off-road use only.

⚠ WARNING

- For safety reasons, this kit must be installed by an authorized BRP dealer.
- 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.
- Torque wrench tightening specifications must strictly be adhered to.
- 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
- Some components may be HOT. Always wait for engine to cool down before performing work.
- Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.
- Unless otherwise specified, engine must be OFF when performing any operation on the vehicle.
- Always be aware of parts that can move, such as wheels, transmission components, etc.

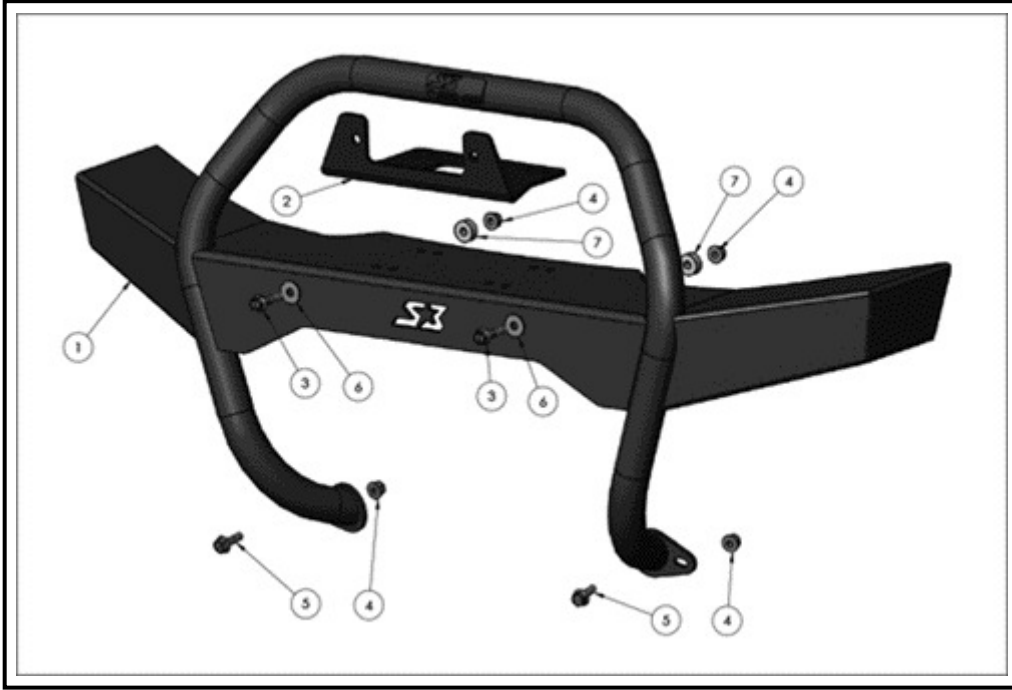
NOTE: The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts; however, they represent parts that have the same or similar function.

Installation time is approximately 0.5 hours.

FASTENER TYPE	TIGHTENING TORQUES TO BE USED WHEN TORQUES ARE NOT SPECIFIED IN TEXT			
	5.8 GRADE	8.8 GRADE	10.9 GRADE	12.9 GRADE
M4	1.8 ± 0.2 N•m (16 ± 2 lbf•in)	2.8 ± 0.2 N•m (25 ± 2 lbf•in)	3.8 ± 0.2 N•m (34 ± 2 lbf•in)	4.5 ± 0.5 N•m (40 ± 4 lbf•in)
M5	3.3 ± 0.2 N•m (29 ± 2 lbf•in)	5.0 ± 0.5 N•m (44 ± 4 lbf•in)	7.8 ± 0.7 N•m (69 ± 6 lbf•in)	9.0 ± 1.0 N•m (80 ± 9 lbf•in)
M6	7.5 ± 1.0 N•m (66 ± 9 lbf•in)	10.0 ± 2.0 N•m (89 ± 18 lbf•in)	12.8 ± 2.2 N•m (113 ± 19 lbf•in)	16.0 ± 2.0 N•m (142 ± 18 lbf•in)
M8	15.3 ± 1.7 N•m (135 ± 15 lbf•in)	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)	31.5 ± 3.5 N•m (23 ± 3 lbf•ft)	40.0 ± 5.0 N•m (30 ± 4 lbf•ft)

FASTENER TYPE	TIGHTENING TORQUES TO BE USED WHEN TORQUES ARE NOT SPECIFIED IN TEXT			
	5.8 GRADE	8.8 GRADE	10.9 GRADE	12.9 GRADE
M10	29 ± 3 N•m (21 ± 2 lbf•ft)	48 ± 6 N•m (35 ± 4 lbf•ft)	61 ± 9 N•m (45 ± 7 lbf•ft)	73 ± 7 N•m (54 ± 5 lbf•ft)
M12	52 ± 6 N•m (38 ± 4 lbf•ft)	85 ± 10 N•m (63 ± 7 lbf•ft)	105 ± 15 N•m (77 ± 11 lbf•ft)	128 ± 17 N•m (94 ± 13 lbf•ft)
M14	85 ± 10 N•m (63 ± 7 lbf•ft)	135 ± 15 N•m (100 ± 11 lbf•ft)	170 ± 20 N•m (125 ± 15 lbf•ft)	200 ± 25 N•m (148 ± 18 lbf•ft)
M16	126 ± 14 N•m (93 ± 10 lbf•ft)	205 ± 25 N•m (151 ± 18 lbf•ft)	255 ± 30 N•m (188 ± 22 lbf•ft)	305 ± 35 N•m (225 ± 26 lbf•ft)
M18	170 ± 20 N•m (125 ± 15 lbf•ft)	273 ± 32 N•m (201 ± 24 lbf•ft)	330 ± 25 N•m (243 ± 18 lbf•ft)	413 ± 47 N•m (305 ± 35 lbf•ft)

PARTS LIST



ITEM	DESCRIPTION	QTY
01	Front Bumper Assembly	1
02	Wide Spool Fairlead Mount	1
03	M8-1.25 x 35mm Bolts	2
04	M8-1.25 Nylon Nuts	4
05	M8-1.25 x 25mm Bolts	2
06	M8 Flat Washer	2
07	Bushing Spacers	2

TOOLS REQUIRED:

- T-40 Torx bit 3/8 drive
- 13mm socket
- 13mm wrench
- Pushpin pliers

INSTALLATION

1. Remove the upper black grille assembly by taking out the black plastic rivets.
2. Remove the two factory T-40 Torx bits holding the front fascia. (There are two 13mm nuts on the backside of plastic.)
3. Figures A and B – Assemble M8 Flat Washer (06) onto the two (2) supplied 8mm-1.25 x 35mm (03) bolts and insert into the upper bumper bolt holes, making sure the supplied spacers (07) are between the bumper (01) and front fascia. Secure with the M8-1.25 Nylon Nuts (04).

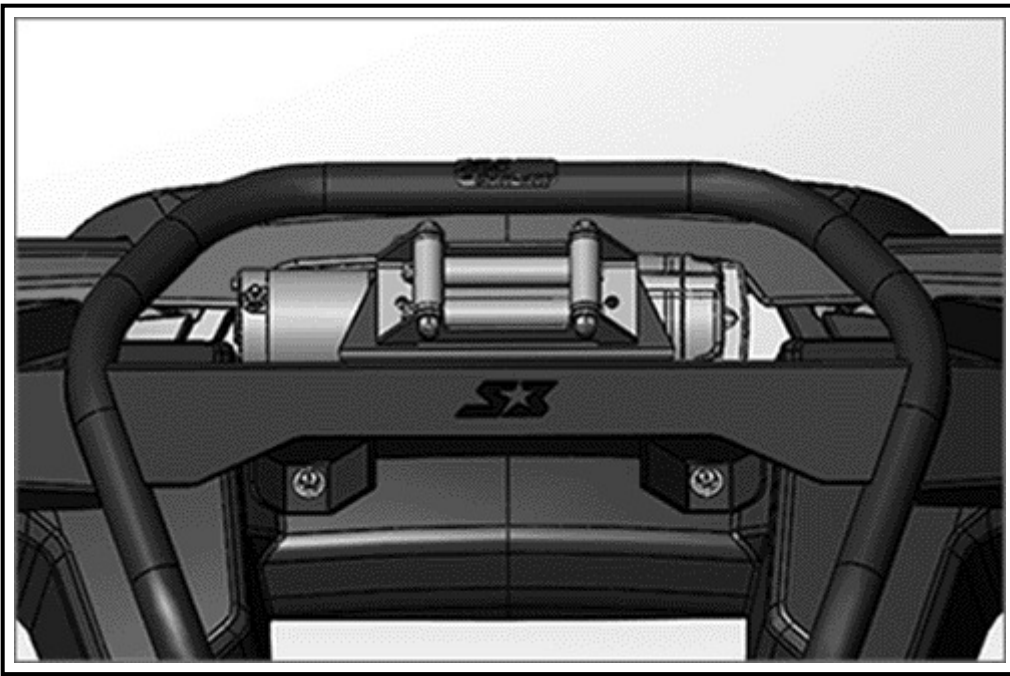


FIGURE A

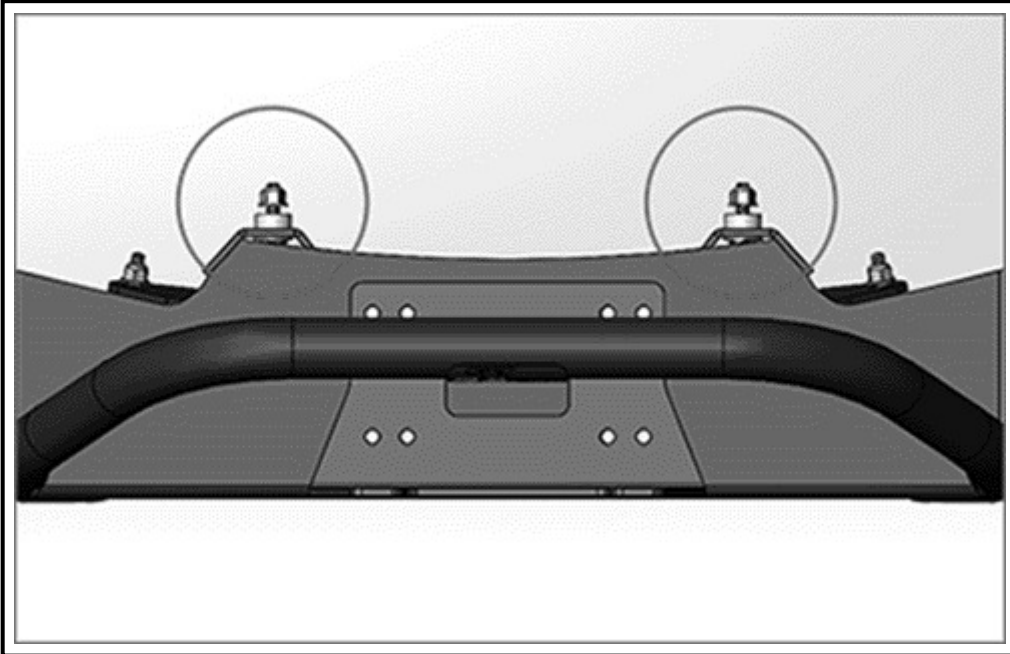


FIGURE B

4. Figure C - Locate the two lower bumper mounting points. Insert the remaining two bolts (05) into the larger mounting holes. Secure with the M8-1.25 Nylon Nuts (04).

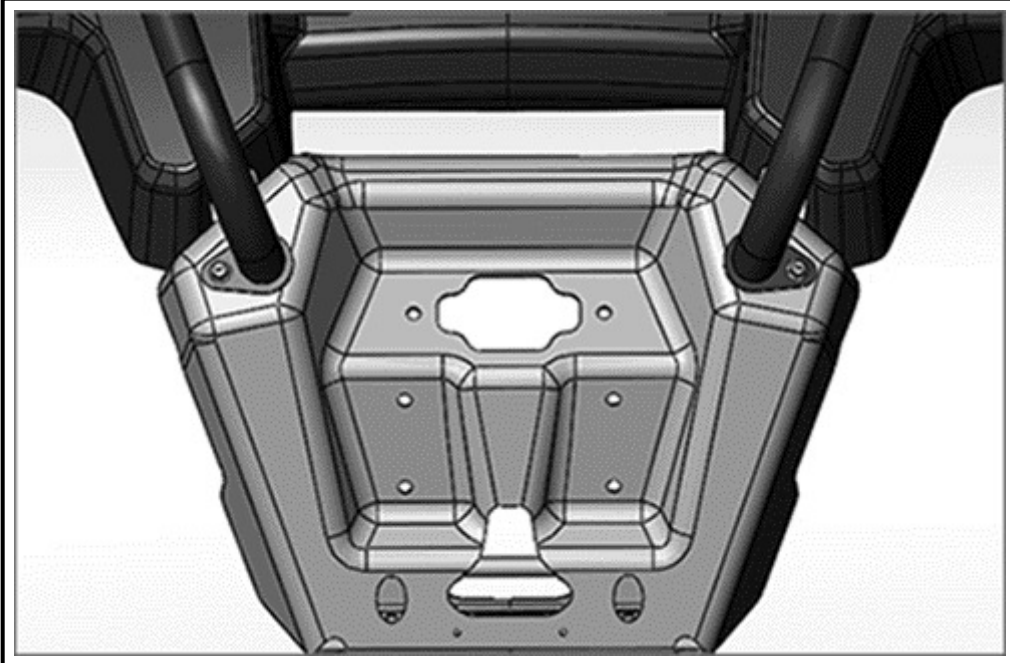


FIGURE C

5. Level the bumper and properly tighten all bolts as per torque table.
6. Figures D and E - Follow the installation instructions for your winch.

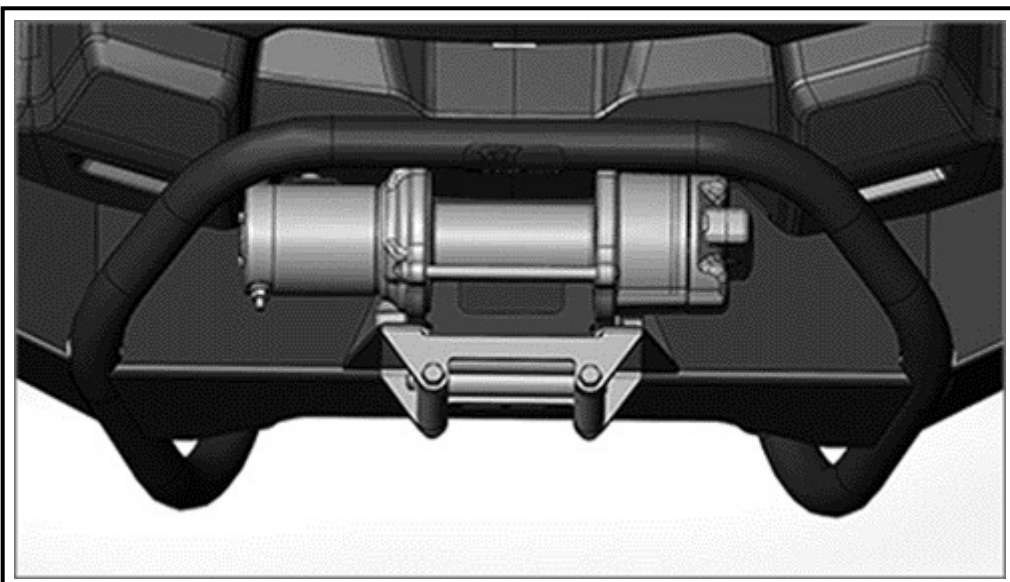


FIGURE D

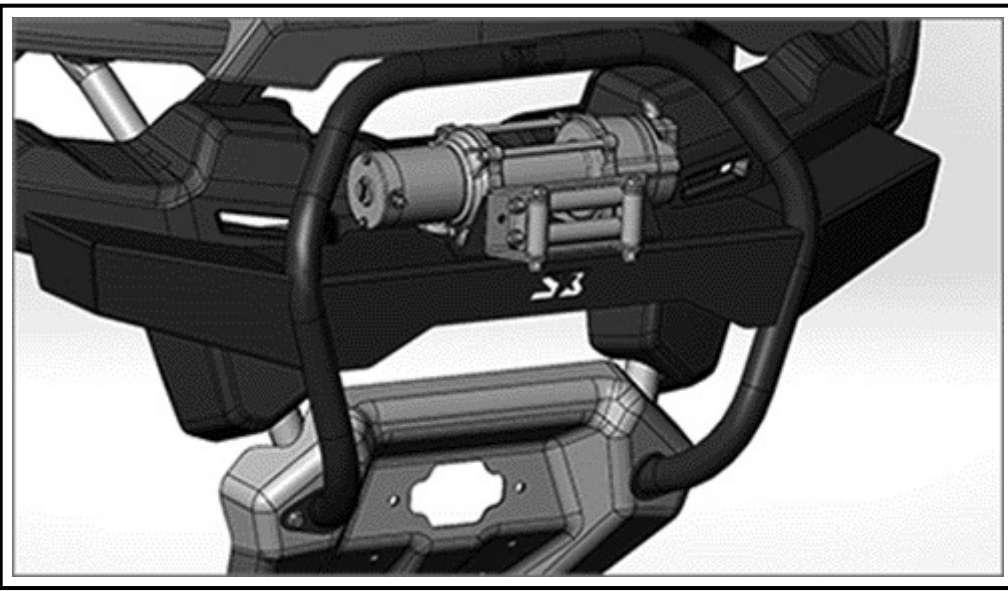


FIGURE E

NOTE: We have included a wide spool fairlead mount (02) to relocate the factory winch to the bumper utilizing factory hardware.

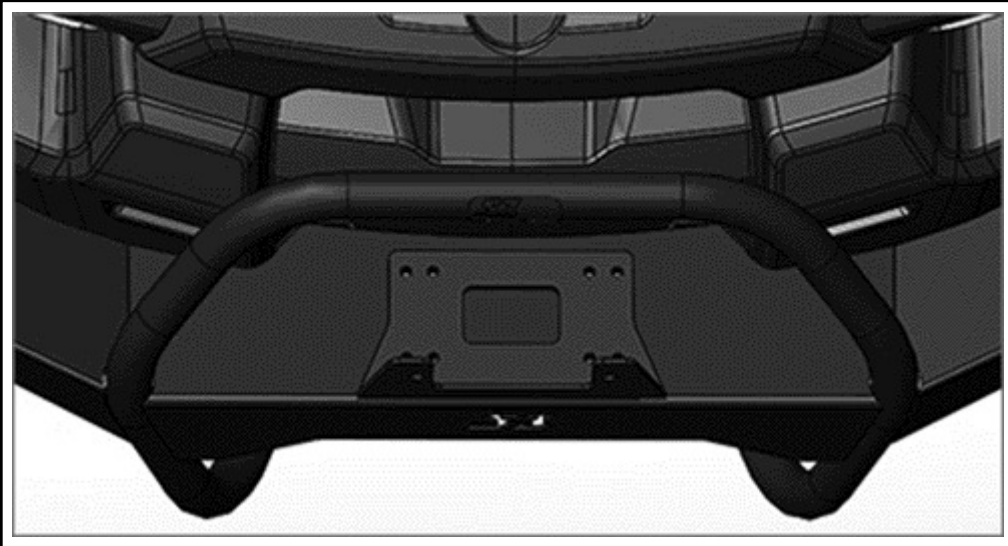


FIGURE F

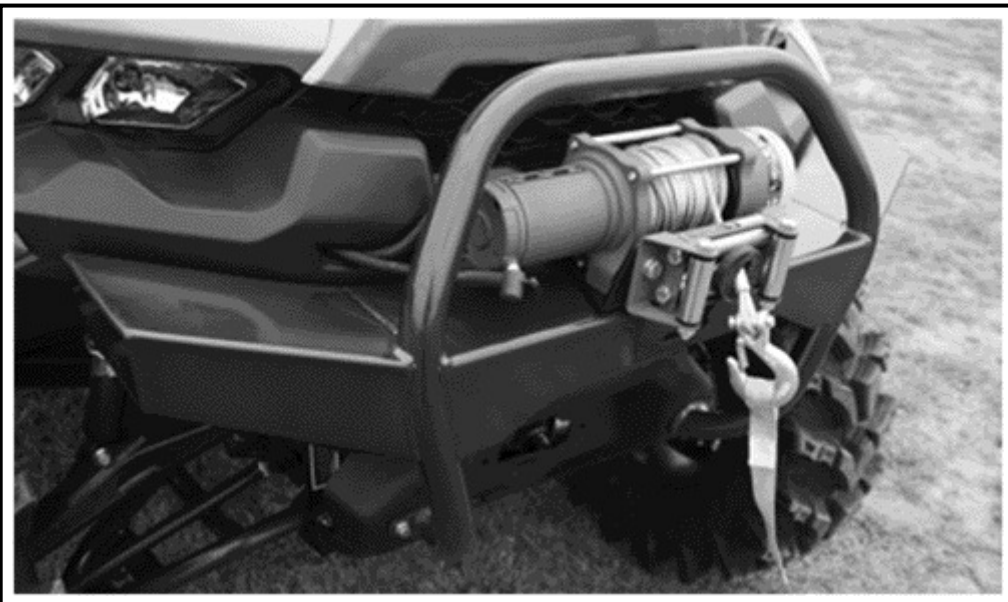


FIGURE G