

SSV KIT - Front Winch Bumper

Part number (SKU) : 715004867,715005231

Product:	Side-by-side
Project no:	487802681
Instruction Sheet P/N:	487802681
Revision no:	
Revision date:	
Item covered:	Front Winch Bumper

The following symbols may be used in this document:

WARNING

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

⚠ CAUTION: Indicates a hazard situation which, 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

- 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.
- 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.
- 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.
- Some components may be HOT. Always wait for engine to cool down before performing work.

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

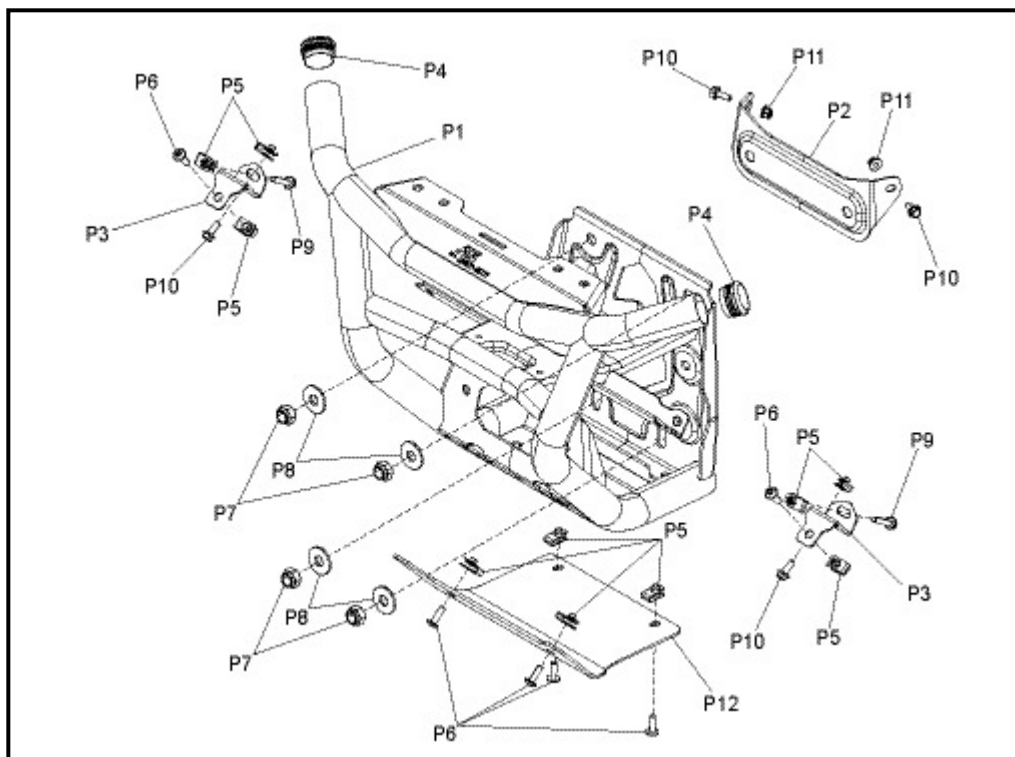
M4	1.8 ± 0.2 N•m (16 ± 2 lbf•in)	2.8 ± 0.2 N•m (25 ± 2 lbf•in)	3.8 ± 0.2 N•m (34 ± 2 lbf•in)	4.5 ± 0.5 N•m (40 ± 4 lbf•in)
M5	3.3 ± 0.2 N•m (29 ± 2 lbf•in)	5 ± 0.5 N•m (44 ± 4 lbf•in)	7.8 ± 0.7 N•m (69 ± 6 lbf•in)	9 ± 1 N•m (80 ± 9 lbf•in)
M6	7.5 ± 1 N•m (66 ± 9 lbf•in)	10 ± 2 N•m (89 ± 18 lbf•in)	12.8 ± 2.2 N•m (113 ± 19 lbf•in)	16 ± 2 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 ± 5 N•m (30 ± 4 lbf•ft)
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)

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.

Installation time is approximately 1.0 hour.

PARTS TO BE INSTALLED



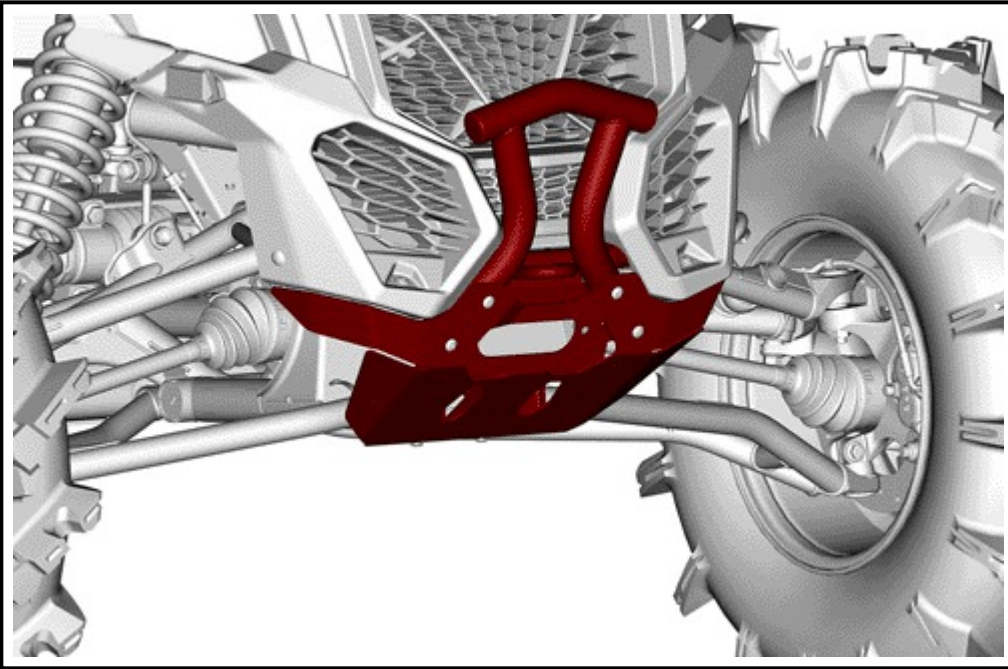
ITEM	DESCRIPTION	Part number	QTY
P1	Front winch bumper	Not available separately	1
P2	Reinforcement plate	Not available separately	1
P3	Fascia support	Not available separately	2
P4	Tube cap	705202455	2
P5	M6 X 1.0 panel nut	250100198	10
P6	M6 X 20 Torx screw	250000722	6
P7	M12 hexagonal elastic nut	232521416	4
P8	M12 flat washer	250200113	4
P9	M6 X 30 flanged hexagonal screw	207663054	2
P10	M6 X 16 flanged hexagonal screw	207661654	4
P11	M6 flanged hexagonal elastic nut	233261494	2
P12	Aluminum skid plate	Not available separately	1

INSTRUCTIONS

Vehicle Preparation

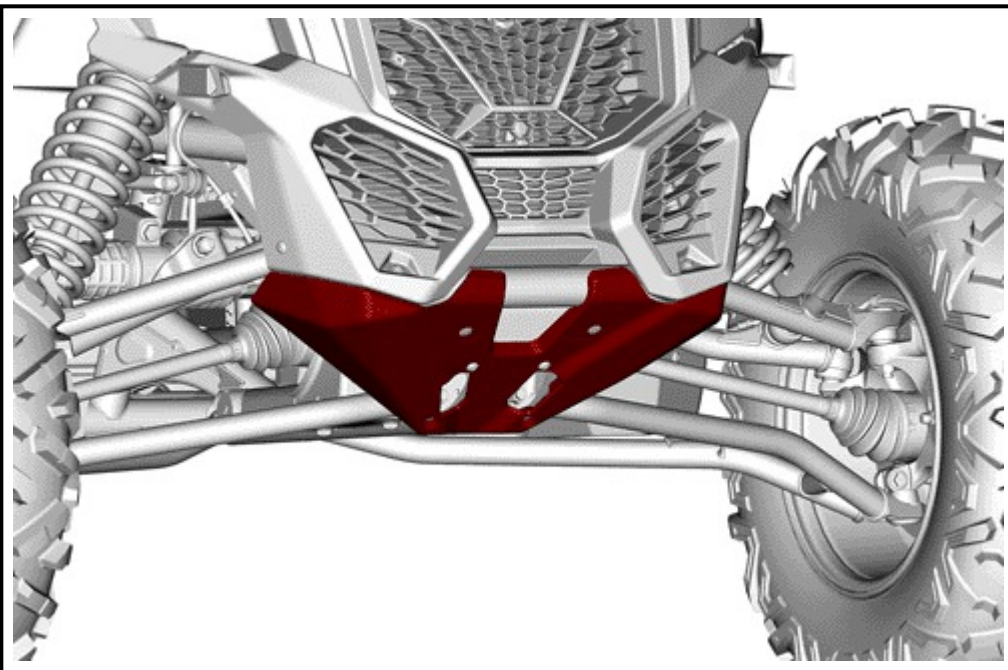
Remove parts depending on vehicle models.

X rc and X mr Models



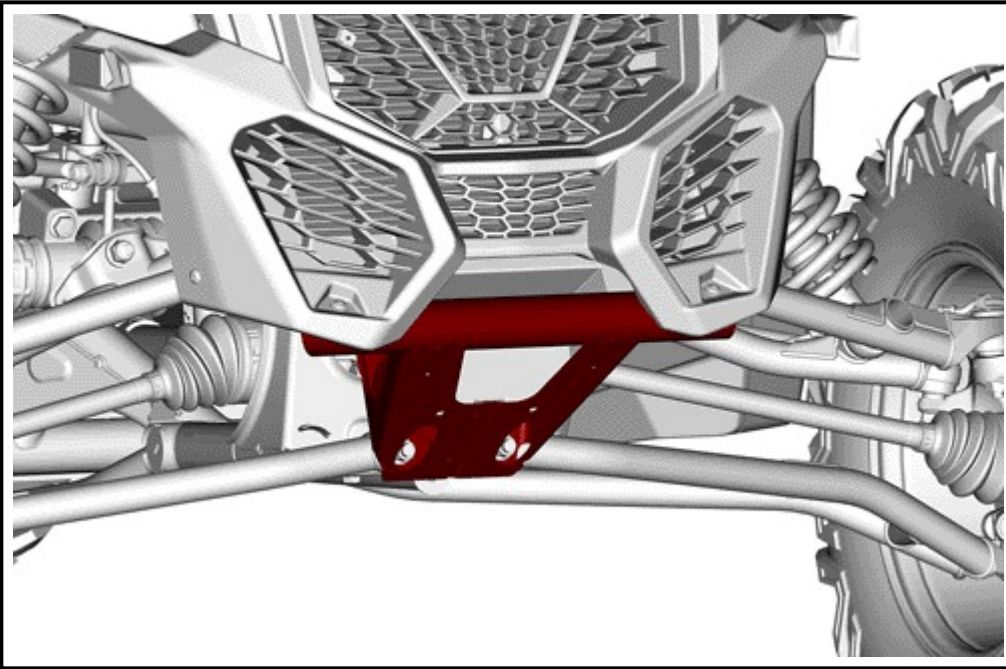
FRONT BUMPER

All Models Except X rc and X mr



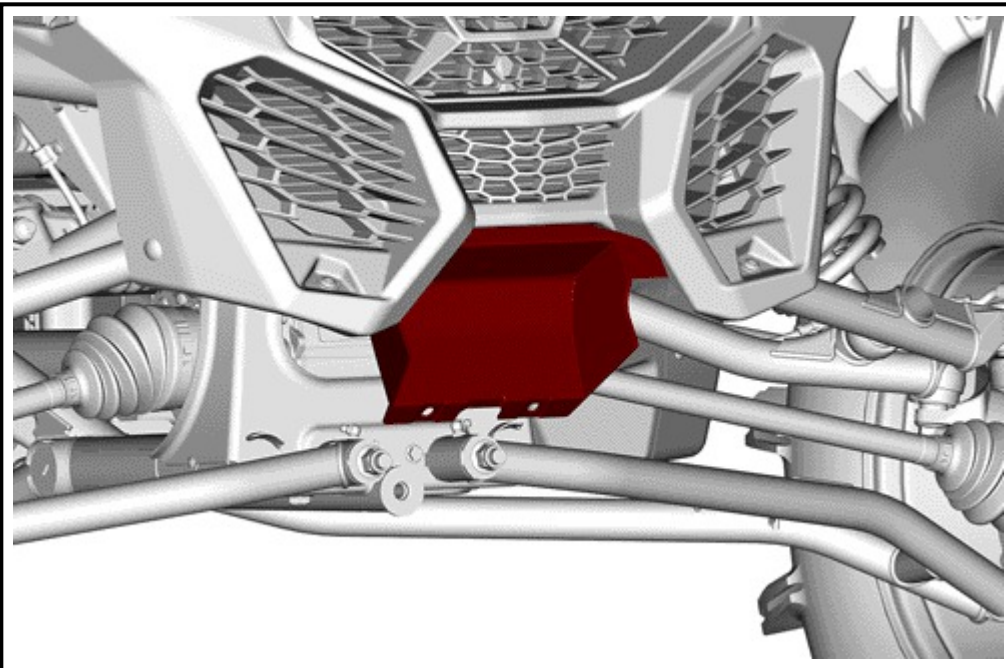
FRONT DEFLECTOR

All Models Except X rc and X mr



FRONT BUMPER

All Models



FRONT LOWER RADIATOR DEFLECTOR

Required Tools

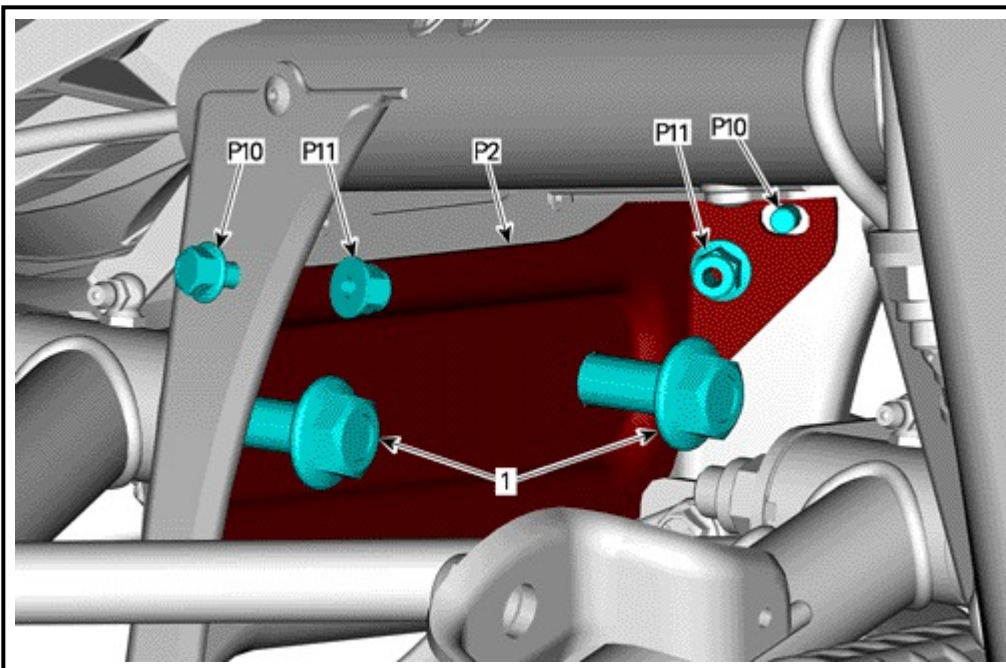
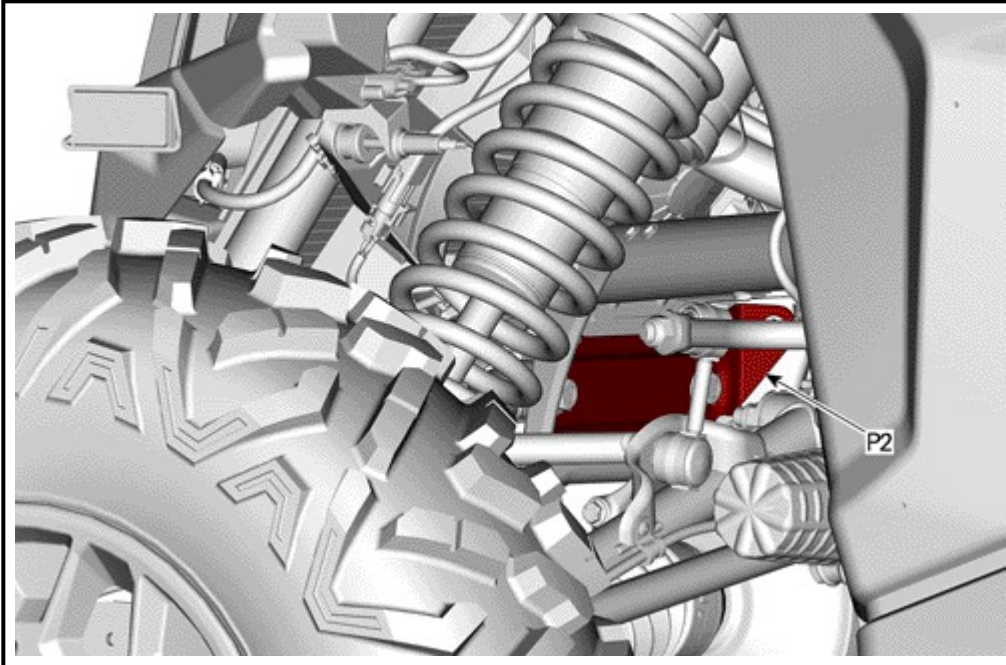
required tools
10mm key
18mm key
10mm socket
19mm socket

required tools
Torx screwdriver T-27

Part Installation

NOTE: If there is already a reinforcement plate installed on vehicle, it is not necessary to install the reinforcement plate included in this kit.

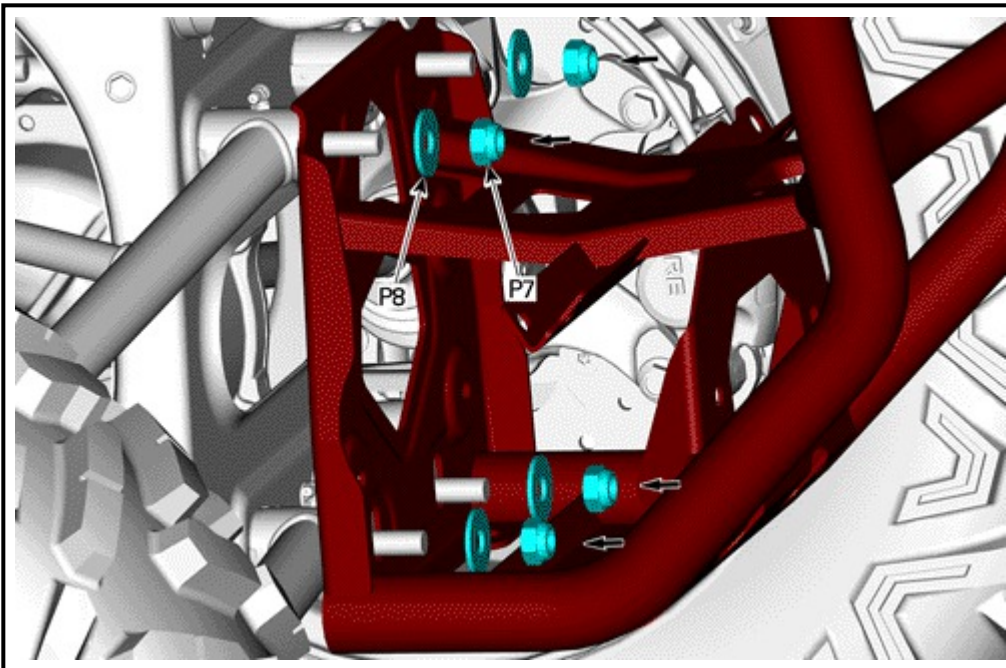
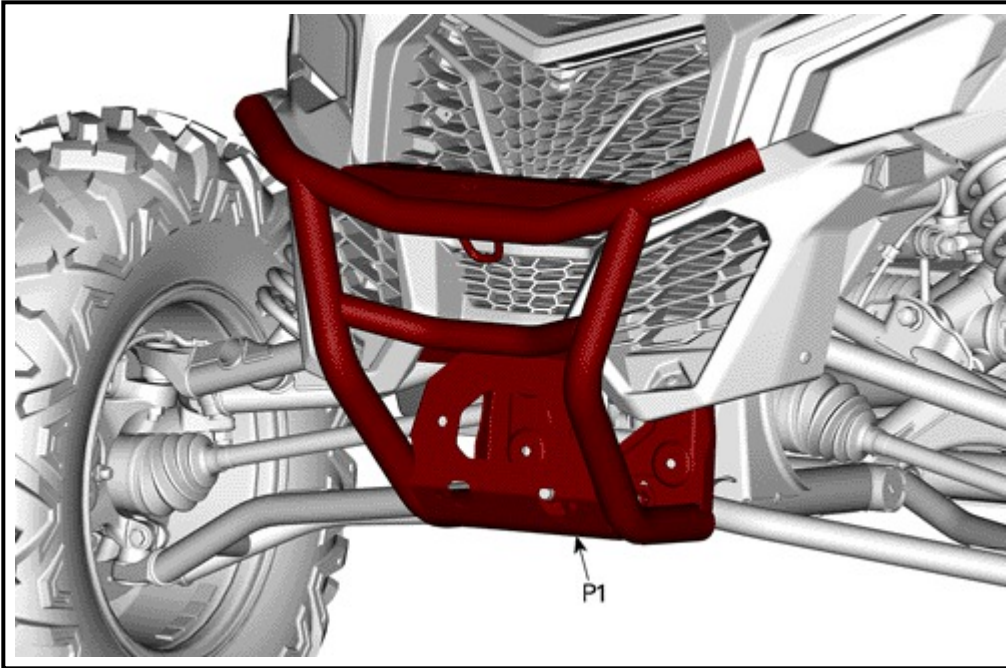
1. Install reinforcement plate [P2] with two (2) flanged hexagonal screws [P10] and two (2) flanged hexagonal elastic nuts [P11] and use the two (2) existing bolts. Do not tighten completely.



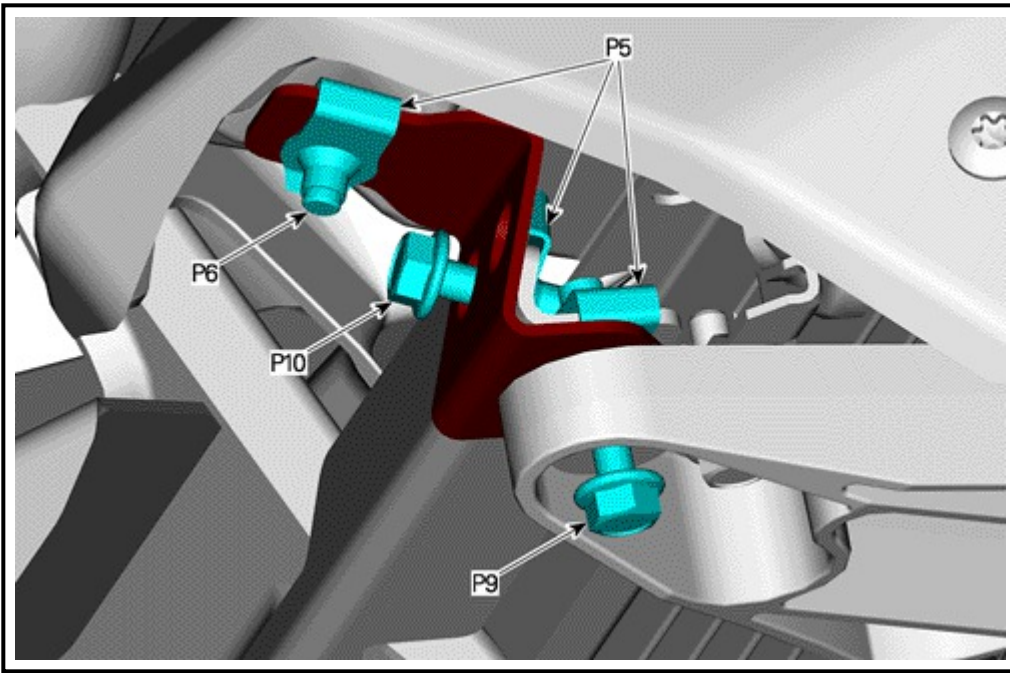
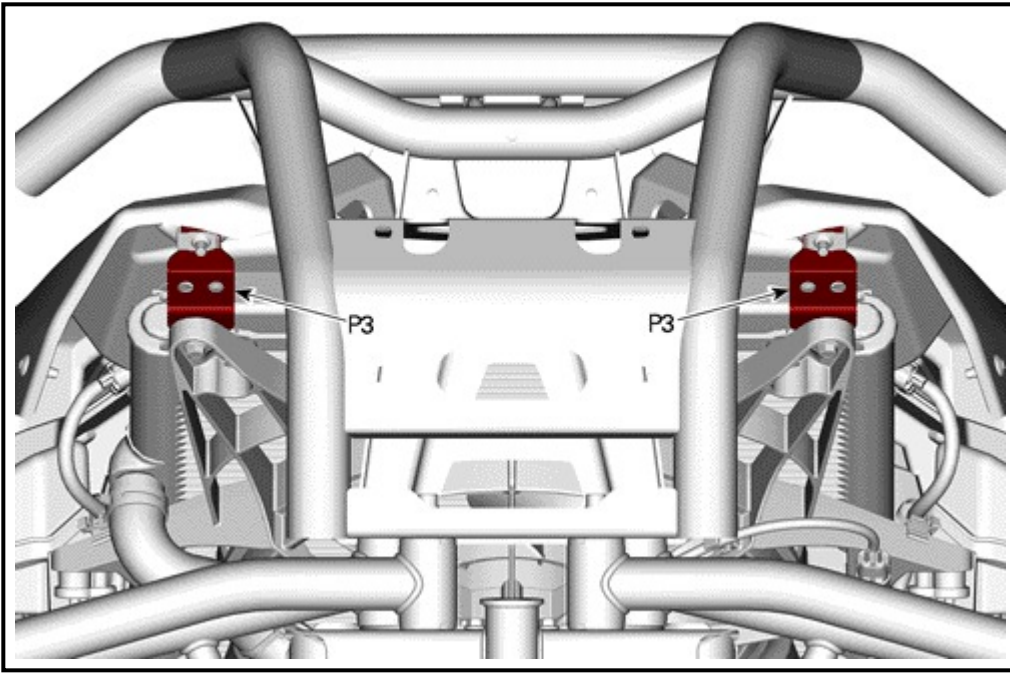
1. Use existing bolts

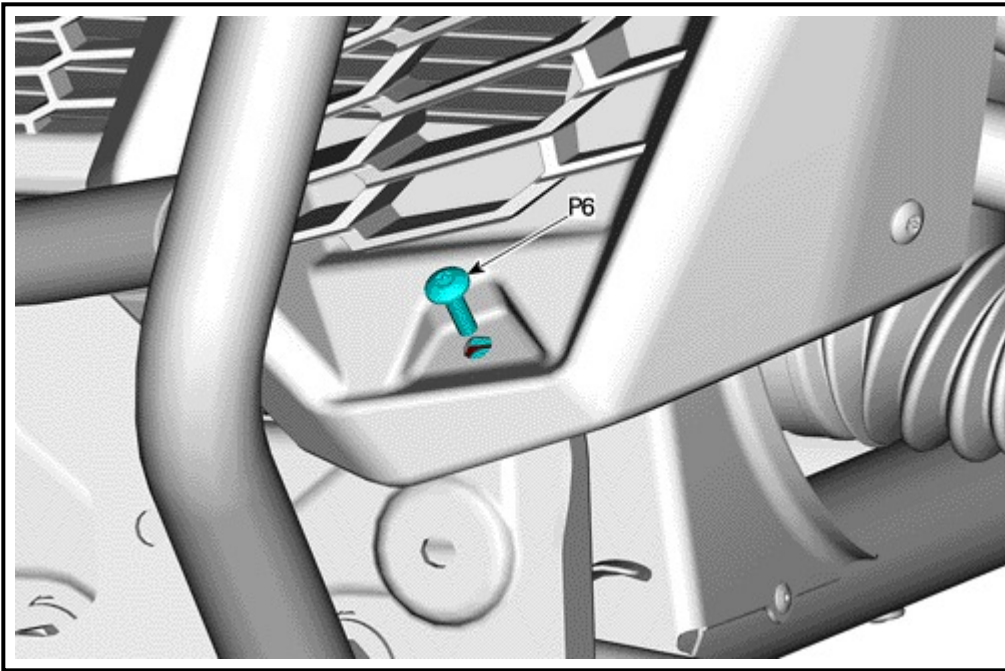
NOTE: To make installation easier, install winch on front bumper [P1] prior to bumper installation.

2. Install front bumper [P1] on vehicle using four (4) flat washers [P8] and four (4) hexagonal elastic nuts [P7]. Do not tighten completely.

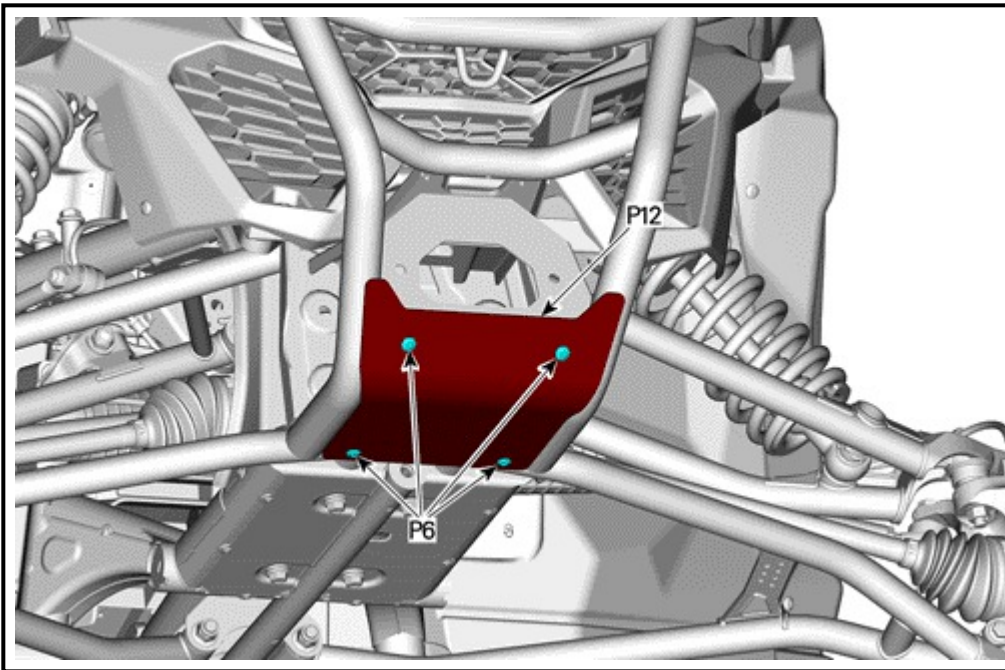


3. Install fascia supports [P3] using six (6) panel nuts [P5], two (2) Torx screws [P6], two (2) flanged hexagonal screws [P9] and two (2) flanged hexagonal screws [P10] as shown below. Do not tighten completely.





4. Install skid plate [P12] with M6 X 1.0 panel nuts [P5] and M6 X 20 Torx screws [P6]



5. Tighten all nuts and screws to specifications.

tightening torque	
M6 X 20 Torx screw [P6]	10 ± 2 N•m (89 ± 18 lbf•in)
M12 hexagonal elastic nut [P7]	85 ± 10 N•m (63 ± 7 lbf•ft)
M6 X 30 flanged hexagonal screw [P9]	10 ± 2 N•m (89 ± 18 lbf•in)
M6 X 16 flanged hexagonal screw [P10]	10 ± 2 N•m (89 ± 18 lbf•in)
M6 flanged hexagonal elastic nut [P11]	10 ± 2 N•m (89 ± 18 lbf•in)

6. Install the two (2) tube caps [P4].

