



CF1000AU

CF1000AU-F

CF1000ATR

SETUP INSTRUCTION 2021



FOREWORD:

All setup work must be performed before the vehicle is delivered to the customer.

Read and understand the instructions before starting any setup work.

This setup instruction was written to correspond to the latest state of the model series. Please contact CFMOTO Technical Support for assistance if differences are found.

It is assumed that the work will be performed by a fully trained mechanic.

Zhejiang CFMOTO Power Co., Ltd.

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MEANING OF SYMBOLS



- Indicates information with more details or tips.



- Indicates information of warning or danger.

ACCESSORY LIST:

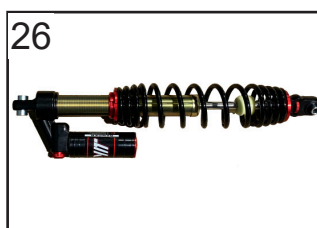
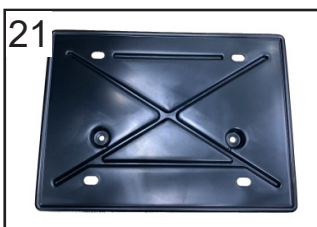
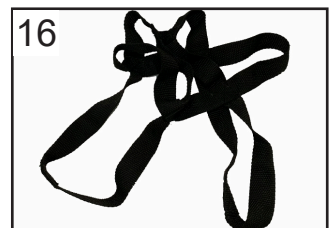
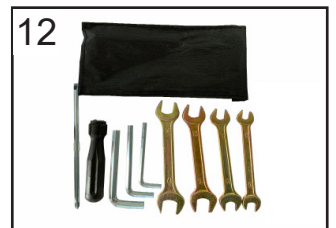
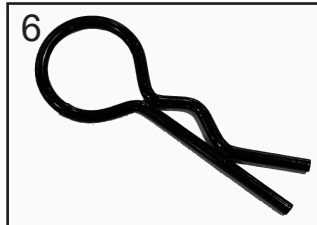
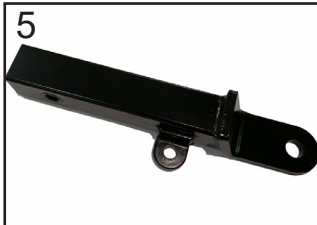


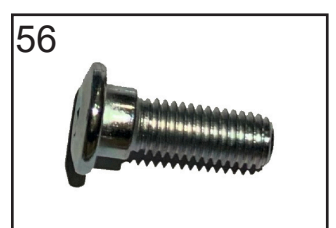
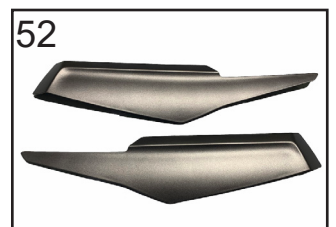
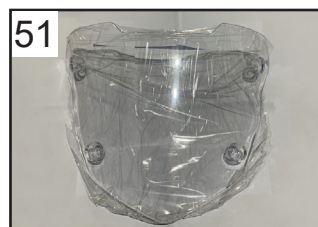
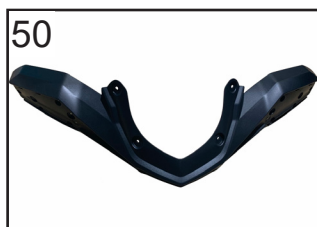
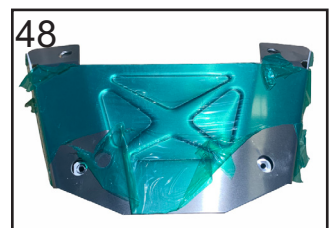
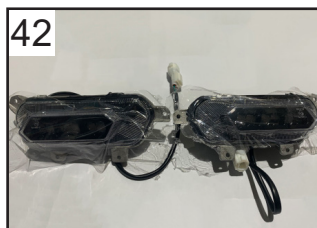
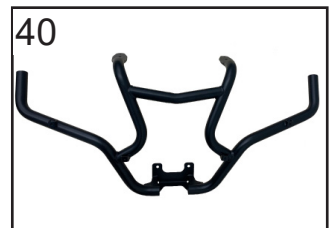
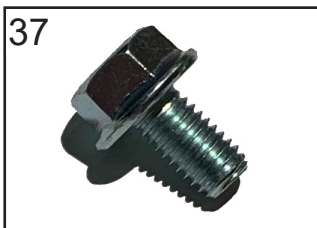
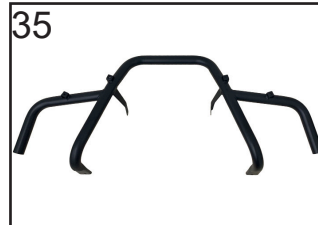
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1	BATTERY	31023004	1	Select Markets
2	REAR VIEW MIRROR, LH	9AY0-200200	1	Select Markets
	REAR VIEW MIRROR, RH	9AY0-200300	1	
3	OWNER'S MANUAL	9AW#-380102-3400 (EU167)	1	Select Markets
		9AW#-380102-2500 (EU168)		
		9AWV-380101-2B00-13 (USA)		
		9AWA-380107 (FRANCE)		
		9AYV-380101-2900-14 (RUSSIA)		
		9AW#-380105-2D00 (GERMAN)		
		9AW#-380102-3400 (INTERNATIONAL)		
4	OVERLAND FEATURES OWNER'S MANUAL	9AYV-380101-3800-12 (ENGLISH)	1	Select Markets
		9AYV-380101-3900-15 (GERMAN)		
5	TOWING TUBE	5BW1-401200-20000	1	Select Markets
6	COTTER PIN, BRACKET	9010-400102-10000	1	Select Markets
7	PIN SHAFT	9010-400103	1	Select Markets
8	HITCH BALL	5BW1-401310	1	Select Markets
9	BOLT M8×35	30004-080035810	1	
10	NUT M8	30200-080820	1	
11	BOLT M6×16	30006-060016810	2	
12	TOOL	9DS#-200100-6000	1	
13	WRENCH, SPARK PLUG	A000-200310	1	
14	ADJUSTING WRENCH, SHOCK ABSORBER	9AWA-203001	1	
15	ADJUSTING WRENCH, SHOCK ABSORBER	9AWA-203002	1	
16	BELT, BATTERY	9060-152100	1	
17	LH HAND HOLD	9AWA-132400-10000	1	
	RH HAND HOLD	9AWA-132500-10000	1	
18	RUBBER CUSHION, MAIN STAND	5190-001003	2	
19	ATV/UTV WINCH INSTRUCTION BOOK	/	1	
20	FRONT WHEEL, LH&RH	/	2	
	BEAD LOCK FRONT WHEEL, LH&RH	/	2	Overland Model Only
21	BASE PLATE, FRONT LICENSE	7000-044601	1	EU168
22	PLUG, BUMPER	9DS#-042088-6000	6	
23	REAR SEAT ASSY.	9AWA-132000-40000	1	
24	TIRE PRESSURE PEN	TFQ002	1	Select Markets
25	SHIFTING WRENCH	9010-203002	1	
26	REAR SHOCK ABSORBER ASSY	9AWA-061600	2	
27	NUT M10×1.25	30204-102810	6	
28	BOLT M10×1.25×65	30006-102065810	2	For rear shock absorber
29	BOLT M10×1.25×60	30006-102060810	2	
30	BOLT M10×1.25×55	30006-102055810	2	For front shock absorber
31	CF CONNECT CLAMP, PAIR	9DS#-809000-6000	6	For tail box
32	MIDDLE TAIL BOX	9AYV-800200-2A00	1	Overland Model Only
33	TAIL BOX	9AYV-800100-2A00	1	EURO Overland Only
34	SKID PLATE ASSY, MIDDLE TAIL BOX	9AYV-800220-2A00	1	Overland Model Only
	BRACKET, MIDDLE TAIL BOX	9AYV-801000-2A00		Overland Model Only
35	REAR BUMPER ASSY	9AYV-801200-2A00	1	Overland Model Only
36	BOLT M8×12	30006-080012810	2	
37	BOLT M8×14	30006-080014810	2	
38	REAR LH BUMPER PANEL	9AYV-801201-2A00	1	
	REAR RH BUMPER PANEL	9AYV-801202-2A00	1	
39	BOLT M6×12	30006-060012870	8	

ACCESSORY LIST:

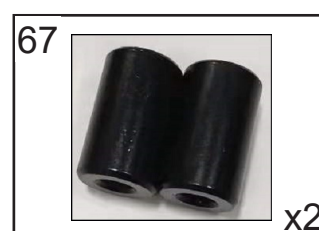
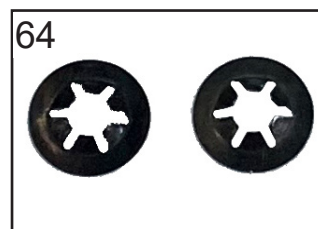
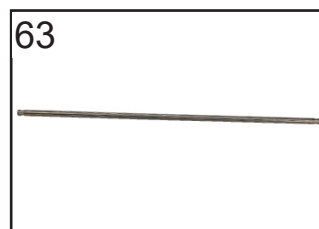
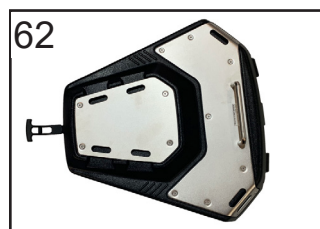
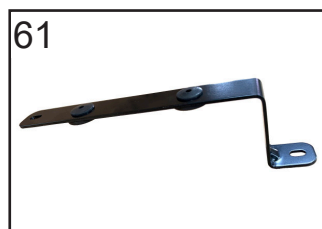


S/N	PART NAME	PART NUMBER	QTY.	REMARK
40	FRONT BUMPER ASSY	9AYV-801100-2A00	1	Overland Model Only
41	BOLT M8×16	30006-080016810	2	
42	LH SPOTLIGHT ASSY	9AYV-808600-2A00	1	Overland Model Only
	RH SPOTLIGHT ASSY	9AYV-808700-2A00	1	Overland Model Only
43	FRONT LH BUMPER PANEL	9AYV-801101-2A00	1	Overland Model Only
	FRONT RH BUMPER PANEL	9AYV-801102-2A00	1	Overland Model Only
44	SELF-TAPPING SCREW	30110-420160070	8	For spotlight assy
45	PANEL, LH REAR SUSPENSION	9AWA-044043	1	
	PANEL, RH REAR SUSPENSION	9AWA-044044	1	
46	FRONT DECO PLATE	9AWA-041012-0BQ00	1	
47	DECO PLATE, FRONT LICENSE	9AWA-041041	1	
48	WINCH GUARD ASSY	9AWA-800410	1	Overland Model Only
49	HANDLEBAR GUARD	9AWA-100002	1	
50	FRONT HAND GUARD	9AYV-805101-2A00	1	
51	WINDSHIELD	9AYV-805104-2A00	1	
52	COLOR DECO PANEL, LH	9AYV-805102-2A00	1	
	COLOR DECO PANEL, RH	9AYV-805103-2A00	1	
53	LH WINDSHIELD BRACKET ASSY	9AYV-805210-2A01-0BP00	1	
	RH WINDSHIELD BRACKET ASSY	9AYV-805220-2A01-0BP00	1	
54	LH HANDGUARD BRACKET	9AYV-805105-2A00	1	
	RH HANDGUARD BRACKET	9AYV-805106-2A00	1	
55	NUT	30200-060870	4	For "S/N" 54
56	SCREW	A000-080001	2	
57	INNER HEX SCREW M6×16	6NQ#-000206-6001	6	
58	SELF-TAPPING SCREW ST4.2×13-C-H	30110-420130070	10	For "S/N" 53
59	INNER HEX SCREW M6×20	6NQ#-000203-6001	4	For "S/N" 51
60	BOLT M6×14	8010-000004	1	
61	PLATE, BATTERY	9AWA-030201	1	
62	CENTER TAIL BOX COVER	/	1	For USA only
63	PIN SHAFT	/	1	
64	FASTENER	/	2	
65	LH TAIL BOX ASSY	9AYV-800400-2A00	1	
66	RH TAIL BOX ASSY	9AYV-800500-2A00	1	
67	SPACERS	/	4	For "S/N" 48





i Accessory items supplied may be different based on market regulations / orders.



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PREPARATION:

CRATE INSPECTION



- // Check the crate and make sure there is no damage to the crate.
- // If there is any damage to the crate, take a close-up photo and a far-away photo, and make sure the driver signs for the damage. A damage claim may need to be submitted to the shipping company.



- // Remove the straps and covering of the shipping crate.
- // Check the vehicle and make sure there is no damage.
- // If there is any damage, take a close-up photo and a far-away photo. Depending on the damage, a shipping damage claim may need to be submitted with the carrier, or a warranty claim filed with CFMOTO.



- // Disassemble the crate by prying up the top corner brackets. Then, lower each crate side to the floor and pull it away from the crate bottom.
- // Check each one of the items in the crate according to the accessory list to ensure no parts are missing.
- // Document any missing part(s).

i » Accessory list items will vary for different markets.

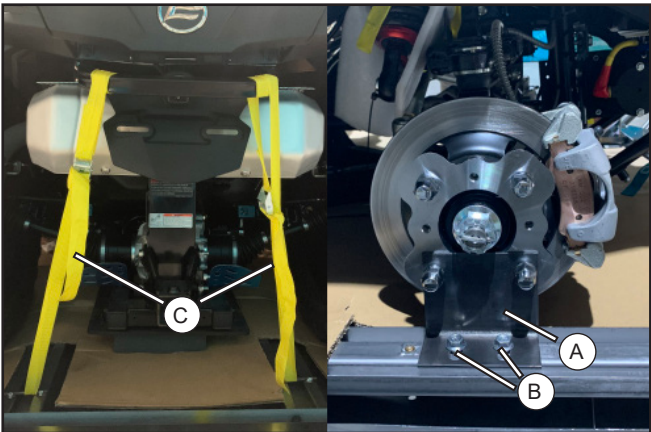


- // If a battery is supplied, take the battery out, prepare it, and charge it according to the manufacturer's instructions.

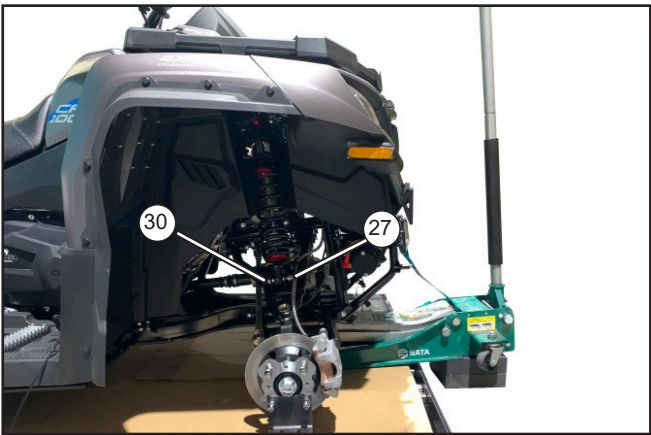
i » **IMPORTANT:** The battery is a sealed low-maintenance battery that requires a low-amperage, AGM-compatible battery charger and a minimum charge time of 8 hours. Never use a high-amperage charger, or skip the charging process.

SETUP:

WORK



- // At the front of the vehicle, remove the fasteners (B) that attach the angle brackets (A) to the crate bottom.
- // At the rear of the vehicle, remove the securing straps (C) at the rear center of the frame.



- // Lift the front of the vehicle high enough for front shock absorber installation.
- // Install the front shock absorber with bolts (30) and nuts (27).
- // Torque the bolts to specification.

i » The head of bolts (30) pointed to the rear.

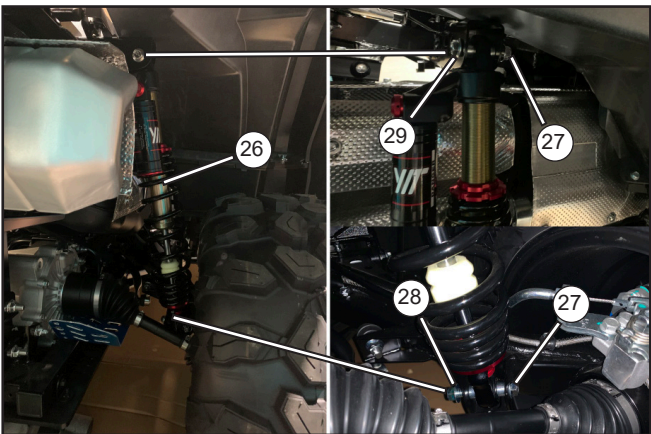
BOLT (30)	M10×1.25×55	30006-102055810	40-50 N.m 30-37 ft-lb.
NUT (27)	M10×1.25	30204-102810	/



- // Lift the front of the vehicle high enough for front wheels installation.
- // Remove the angle brackets and install the front wheels onto the front hubs. Tighten the wheel nuts (D) to specification.

i » After the front wheels are installed, inflate the front and rear tires to 6.5 psi (45KPa).

MOUNTING NUT, RIM	M13	9010-070002-A000	70-80 N.m 52-60 ft-lb.
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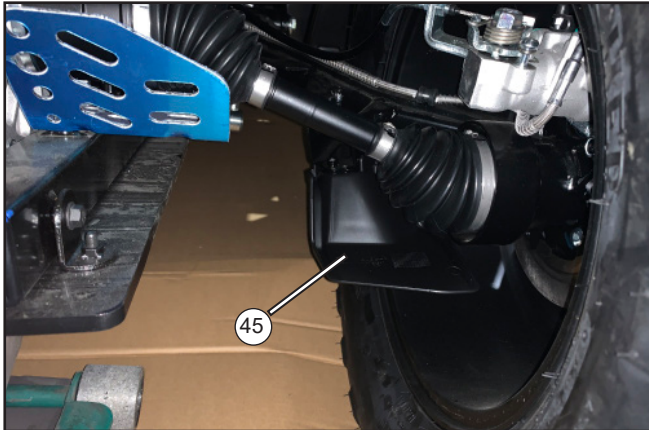
- // Lift the rear of the vehicle high enough for rear shock absorber (26) installation.
- // Install the rear shock absorber with bolts (29, 28) and nuts (27).
- // Torque the bolts to specification.

i » The end of bolts (29, 28) pointed to the rear.

BOLT (29)	M10×1.25×60	30006-102060810	40-50 N.m
BOLT (28)	M10×1.25×65	30006-102065810	30-37 ft-lb.
NUT (27)	M10×1.25	30204-102810	/

SETUP:

WORK



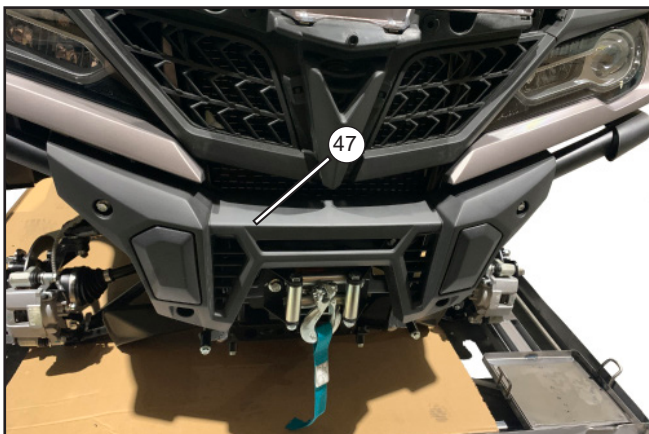
// Install the rear suspension panels (45) by removing the bolts, mounting the panel, and then reinstalling the bolts.

i » Right rear suspension panel shown, the left rear suspension panel is assembled in the same way.

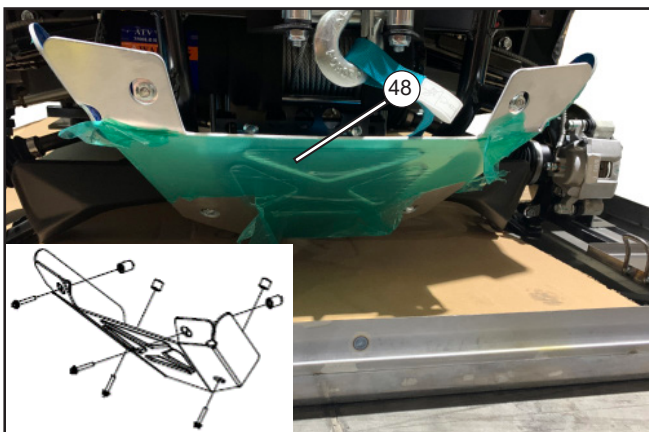


// Install the front deco plate (46).

i » Apply a light coating of grease to the grommet pins.



// Install the front license deco plate (47) by removing the bolts, mounting the deco plate, and then reinstalling the bolts.



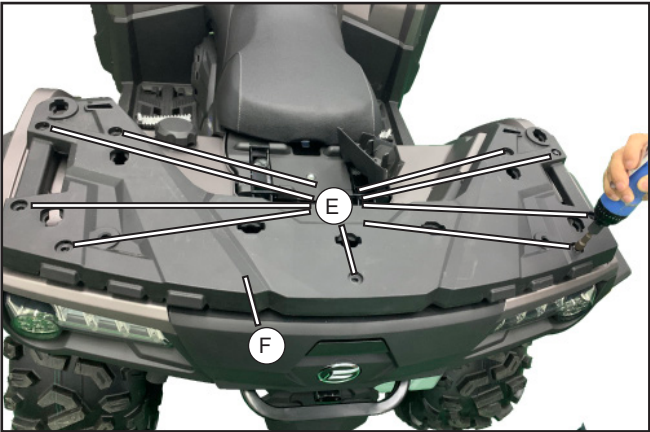
// To install the winch guard (48), begin by removing the bolts and spacers attached to the frame.

// Align the winch guard and spacers (see inset image for spacer positions), then reinstall the bolts.

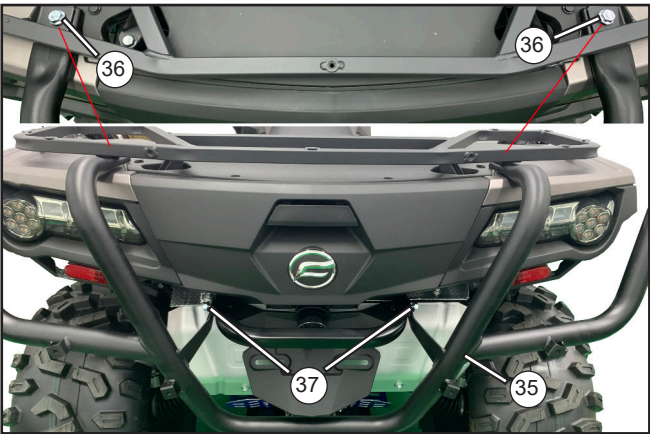
i » Winch guard requires spacers installed behind the guard for proper fitment.

SETUP:

WORK

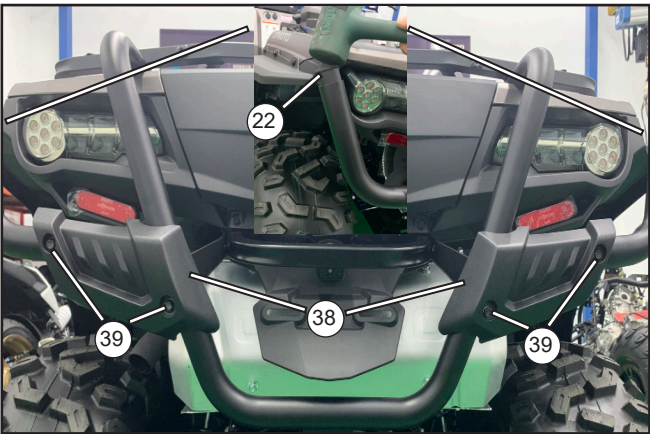


Install the rear bumper assembly (35):
// Loosen the bolts (E) and remove the rear rack cover (F).

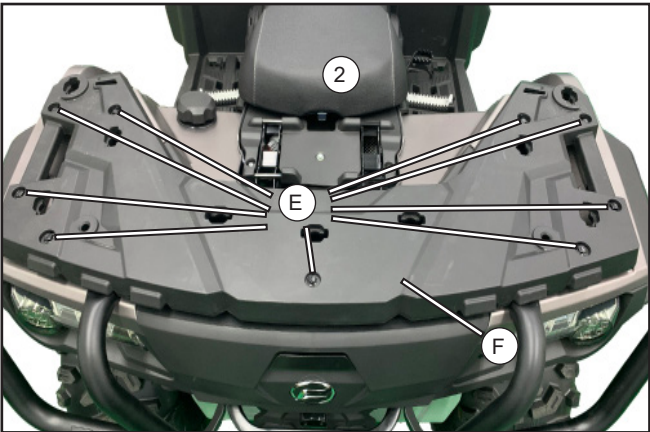


// Align the upper bumper mount to the rear rack mounting holes, then install the M8×12 bolts (36). *Do not fully tighten bolts at this time.*
// Align the lower bumper mount to the mounting holes, then install the the M8×14 bolts (37).
// Tighten all bolts to the specified torque value.

BOLT (36)	M8×12	30006-080012810	35-45 N.m
BOLT (37)	M8×14	30006-080014810	26-33 ft-lb.



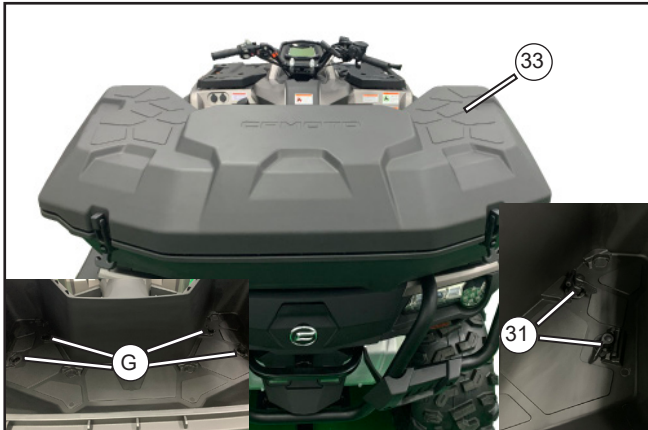
// Use a rubber hammer to install the plugs (22) into the rear bumper.
// Install the rear bumper panels (38) with bolts (39).



// Install the rear rack cover (F) and previously removed screws (E). Tighten the screws sufficiently, using care not to over-tighten.

SETUP:

WORK



Install the tail box (33) - EURO MODEL:

- // Position the seal rings (G) and CF connect clamps (31) into the mounting hole of the tail box.
- // As shown in the picture, install the four CF connect clamps (31) in the corresponding holes of the tail box, then secure the tail box by rotating the levers counter-clockwise.
- // Lock the latches.

i » The CF connect clamping force can be adjusted by 4mm allen wrench.



Install the skid plate assembly (34) - EURO MODEL :

- // Install the skid plate (34) in the rear seat position.

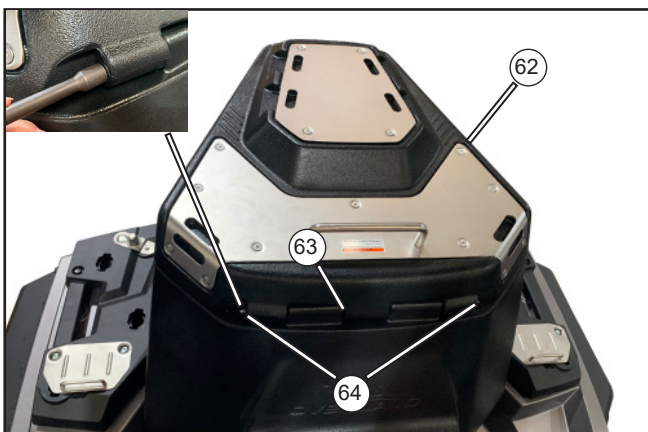
i » The skid plate is installed in the same method as the rear seat.



Install the middle tail box (32) - EURO MODEL:

- // Place the middle tail box (32) into the assembly position on the skid plate (34).
- // Install the two CF connect clamps (31) as shown in the picture, then secure the middle tail box and clamps to the skid plate by rotating the levers counter-clockwise.

i » The CF connect clamping force can be adjusted using a 5mm allen wrench.



Install the center tail box cover (62) - USA MODEL:

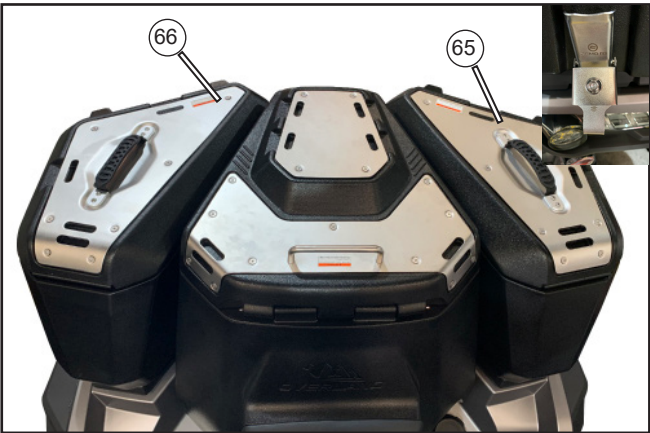
- // Install and secure the cover (62) to the tail box using pin shaft (63) and fasteners (64).

i » It is recommended to use a 10mm socket to push on fasteners (64).

i » The center tail box (62) is removable by releasing the CF connect clamps inside the box, then lifting and pulling box out of the frame hooks.

SETUP:

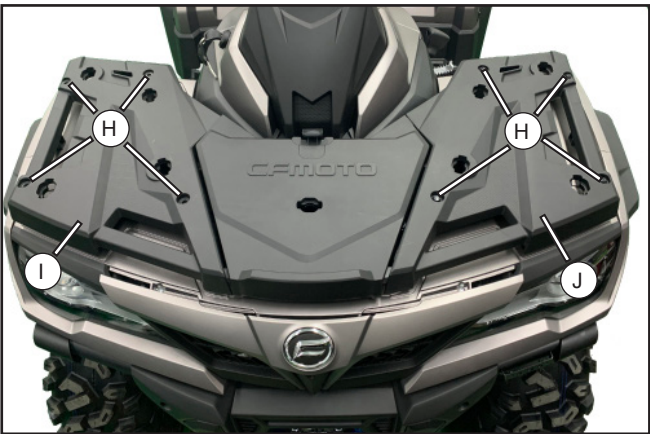
WORK



Install the left & right tail boxes (65,66) - USA MODEL:

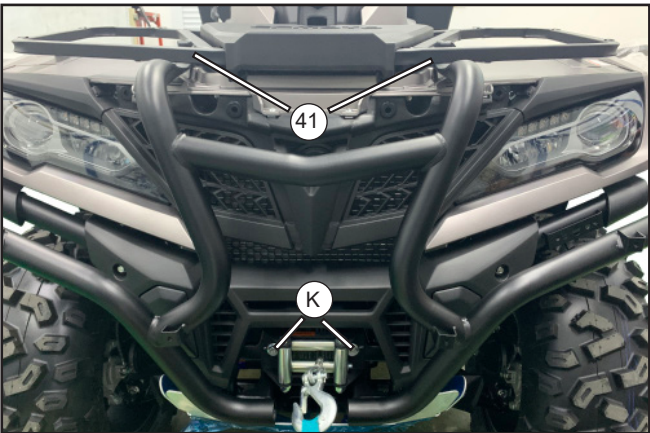
- // Install the left tail box (65) and right tail box (66).
- // Lock the latches.

i » The length of the latches can be adjusted to better secure the left and right tail boxes.



Install the front bumper assembly (40):

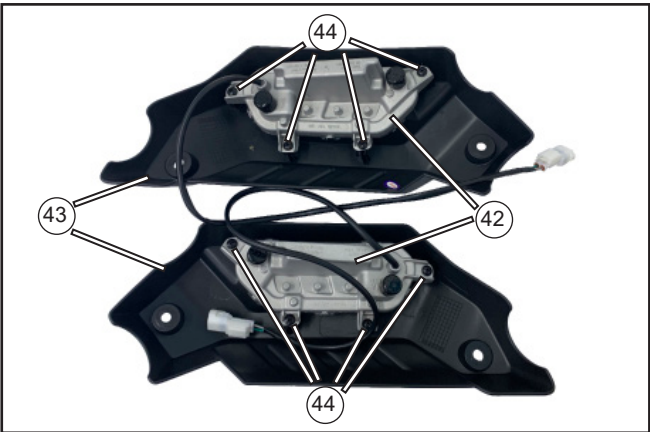
- // Remove cover bolts (H), the left cover (J), and right cover (I).
- // Loosen the front rack frame bolts.
- // Remove the winch fairlead bolts.



- // Align the upper bumper mount to the front rack mounting holes, then install the M8×16 bolts (41). *Do not fully tighten bolts at this time.*
- // Align the lower bumper mount to the mounting holes, then install the winch fairlead and previously removed M10×20 bolts (K).
- // Tighten all bolts to the specified torque value.

i **NOTE:** Bumper is placed behind the winch fairlead.

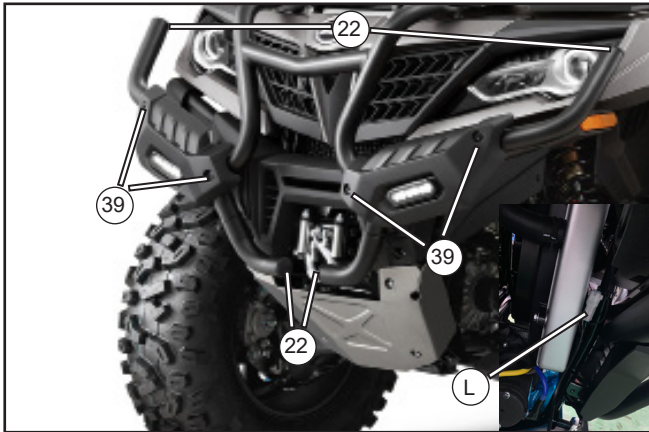
BOLT (K)	M10×20	/	40-50 N.m 30-37ft-lb.
BOLT (41)	M8×16	30102-060012870	8-10 N.m 6-7 ft-lb.



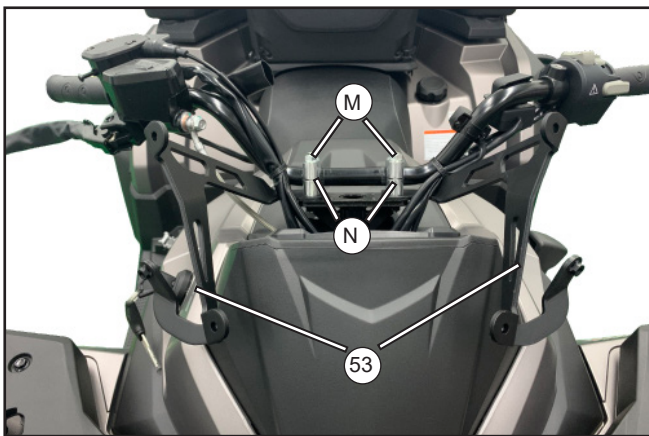
- // Install the spotlight assemblies (42) on the front bumper panels (43) and secure them with screws (44).

SETUP:

WORK



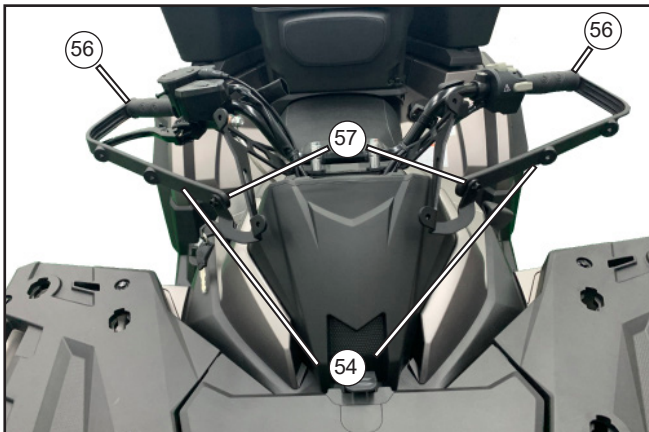
- // Install the assembled front bumper panels on front bumper with bolts (39).
- // Connect the spotlight electrical connectors (L).
- // Use a rubber hammer to install the plugs (22) into the front bumper.
- // Install the front rack cover (I,J) and previously removed screws (H). Tighten the screws sufficiently, using care not to over-tighten.



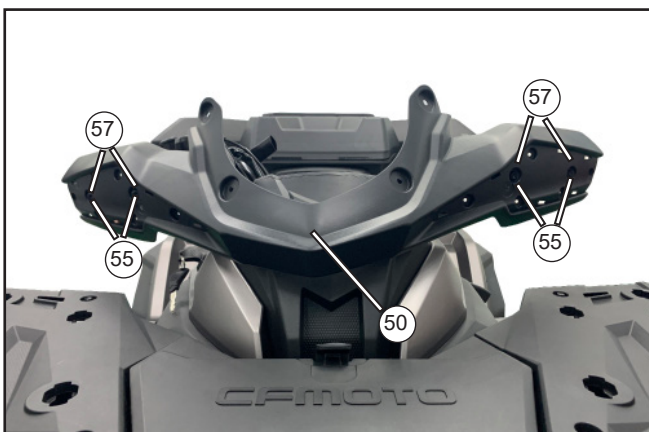
Install the handguard/windshield assembly:

- // Remove the handlebar clamp bolts (M).
- // Install the left and right windshield brackets (53) under the handlebar clamps (N). Reinstall the clamp bolts.
- // Raise the handlebars until the reservoir is level.
- // Ensure the handlebar knurling is centered on the clamps. Torque the handlebar bolts (M) to 20 N.m (15 ft-lb.).

i » Pre-assembly of components 51, 52, 53, 54, 55, 56, 57, 58 and 59 to handguard 50 is recommended before installation to the handlebar.



- // Attach the handguard brackets (54) with screws (56) and screws (57). *Do not fully tighten screws at this time.*

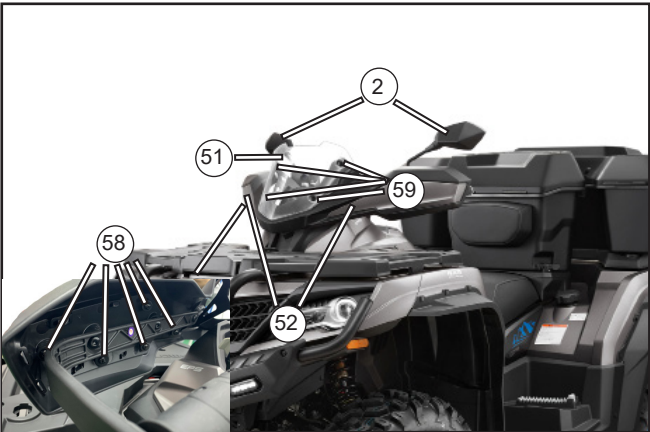


- // Install the hand guard (50) with screws (57) and nuts (55). Tighten the fasteners.

i » Orient the threaded portion of screws (57) forward to ensure they are covered by the color deco panels.

SETUP:

WORK



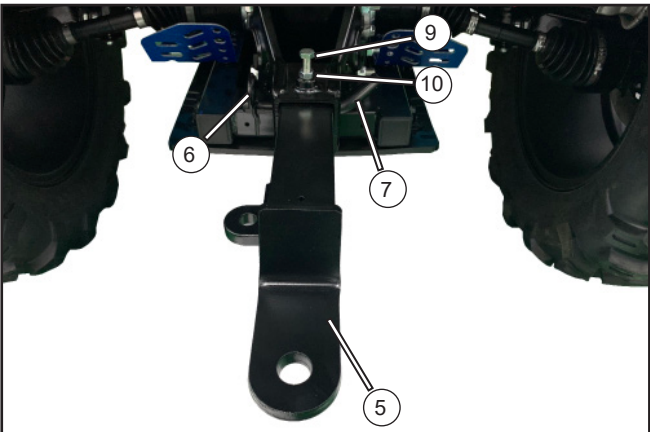
- // Install color deco panels (52) on the front hand guard, and secure them with screws (58) as shown.
- // Install windshield (51) with screws (59).

IF EQUIPPED:

- // Install left and right mirrors (2).



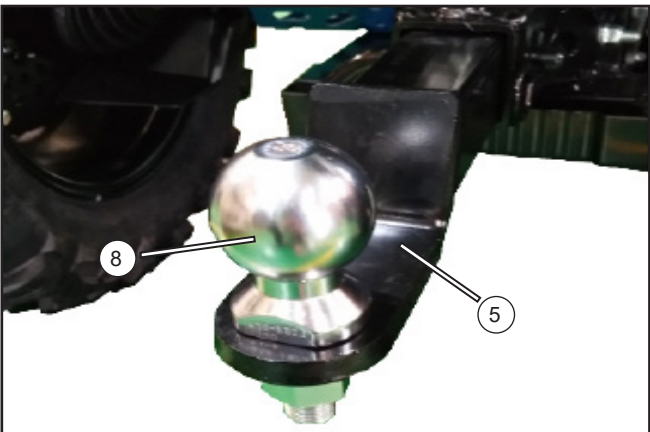
- // Install the handlebar guard (49).



IF EQUIPPED:

- // Insert towing tube (5) into the towing bracket.
- // Insert pin shaft (7) through the towing tube and bracket.
- // Insert bracket cotter pin (6) into the hole on the pin shaft.
- // Assemble the nut (10) on the bolt (9) and install the bolt into the mounting point. Then tighten the nut.

BOLT	M8×35	30004-080035810	20-25 N.m 15-18 ft-lb.
NUT	M8	30200-080820	/



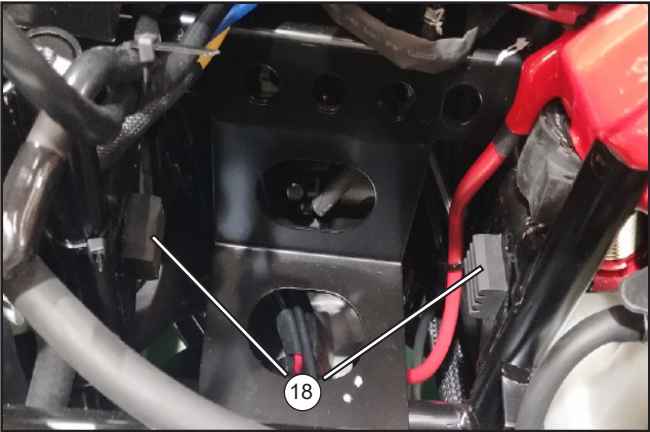
- // Take off the nut from the hitch ball (8) and install the set on the end of the towing tube (5).

i » Hitch ball not supplied in certain markets.

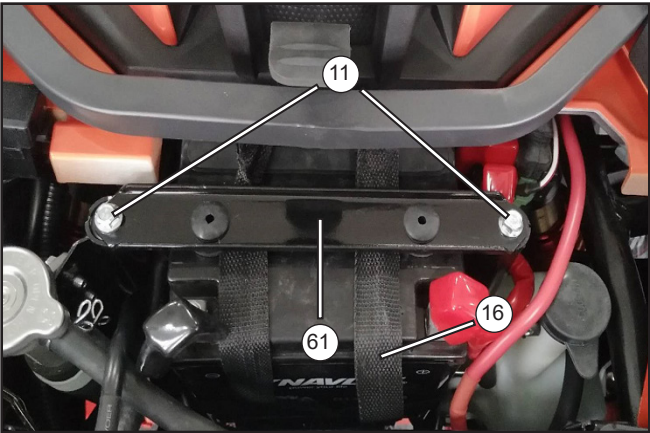
NUT	/	/	203 N.m 152 ft-lb.
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SETUP:

WORK



- // Remove the front access cover.
- // Install rubber cushions (18) on both sides of the battery compartment as shown.



- // Put the battery belt (16) on the battery.
- // Place the battery in the battery compartment.
- // Install the battery cables, with positive terminal first and negative terminal last.
- // Install battery plate (61) and secure it with bolts (11).

BOLT	M6×16	30006-060016810	8-10 N.m 6-7 ft-lb.
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IMPORTANT – PRE-DELIVERY INSPECTION:
Complete a CFMOTO Pre-Delivery Inspection Form for every vehicle sold. This form contains a comprehensive pre-delivery inspection, operational test, and customer walk-around checklist that will ensure product quality, reduce set-up errors, and educate the customer about their CFMOTO vehicle.



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