



LIFT CYLINDER HOLDER

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LINHAI LANDFORCE 550L/650L/650L PRO GOES TERROX 550L

Code 71.13300

Version Rev01 (09042026)



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

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SPECIFICATION

Pos	Description	Code	Amount
1	Upper fixing plate	71.13301	1
2	Distance bush	71.13302	1
3	Bottom mount for cylinder holder	71.3001	1
4	Upper mount for cylinder holder	71.3002	1
5	Cylinder mount for frame	71.3003	1
6	Cylinder upper pin	71.3004	1
7	Cylinder bottom pin	71.3005	1
8	Distance bushing (for hydraulic cylinder)	71.3006	2
9	Lift cylinder holder	71.3010	1
10	Cotter pin 3 mm DIN 11024	OT.07.01.020	2
11	Bolt M8x20 DIN933	OT.02.02.180	9
12	Bolt M8x80 DIN933	OT.02.02.270	1
13	Bolt M12x30 DIN 933	OT.02.02.390	1
14	Washer Ø8/20 SFS 3738	OT.04.03.030	18
15	Washer Ø12 DIN 125	OT.04.01.050	1
16	Nut M8 Nyloc DIN985	OT.03.02.040	9
17	Nut M12 Nyloc DIN985	OT.03.02.060	1

Thread size	Strength class		
	4.8	8.8 (default)	10.9
	Tightening torque (Nm)		
M6	5,5	10	15
M8	13	25	35
M10	25	50	75
M12	45	85	130
M16	115	215	315



TOOLS REQUIRED FOR INSTALLATION:

- Allen key H8 (Goes Terrox 550L)
- Spanner 13mm
- Spanner 14mm
- Socket wrench 13mm
- Socket wrench 15mm (Goes Terrox 550L)
- Socket wrench 19mm



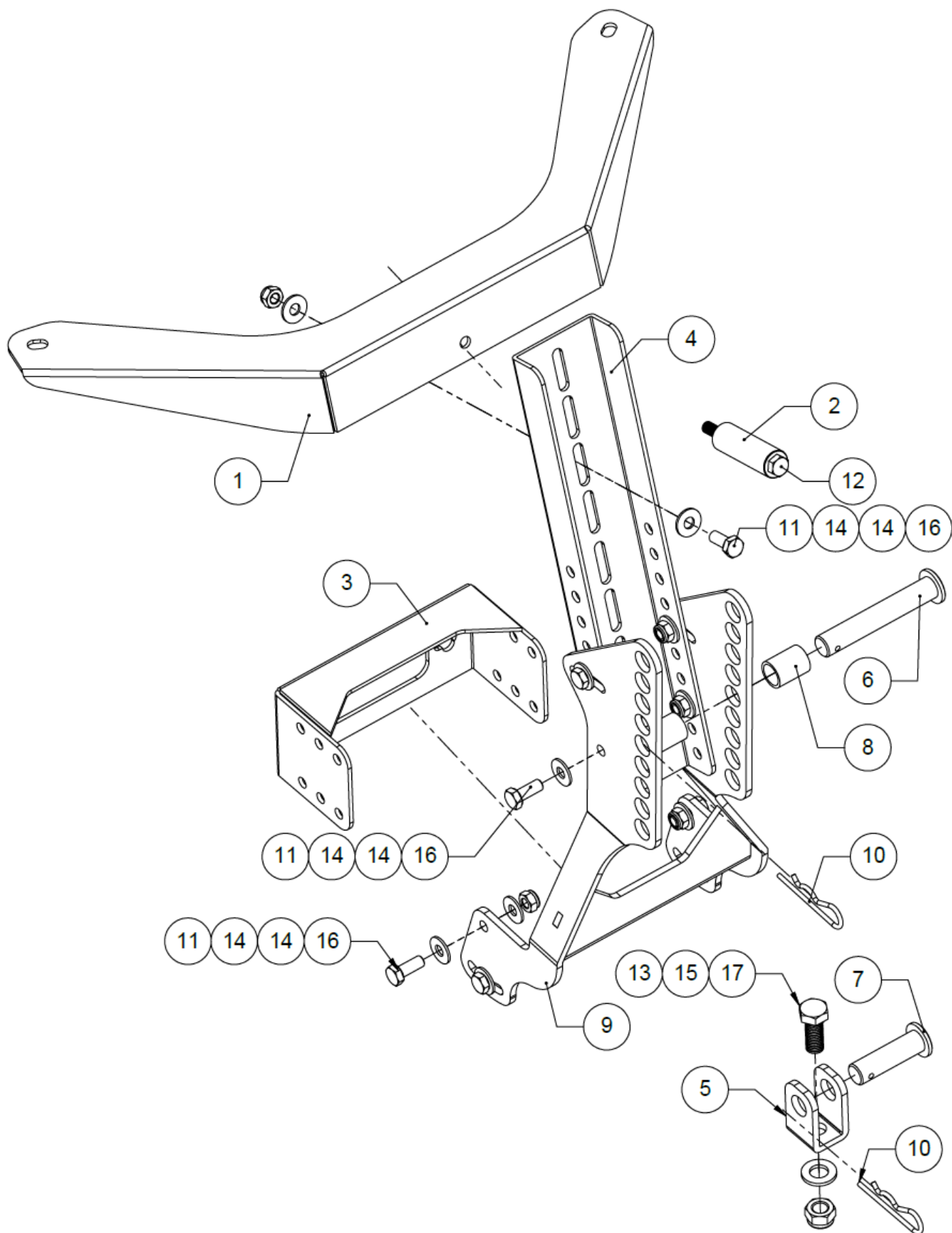
NB!

**We recommend using thread lock fluid on the bolts!
Bolts tend to loosen with vibration from ATV.**



NB!

All pictures in this manual are for illustration purposes only and may differ from real product due to the changes made to the product during improvements!



Numbers on drawing correspond to Pos numbers on specification table.

FITTING INSTRUCTIONS

LINHAI LANDFORCE

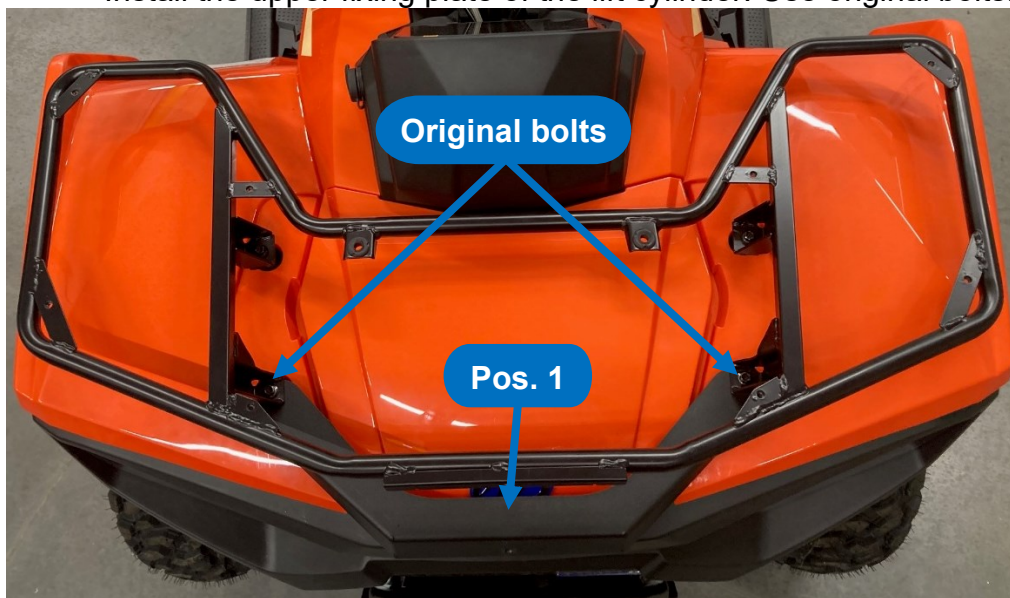
Step 1 Remove the front rack covers.



Step 2 Remove the front rack fixing bolts.

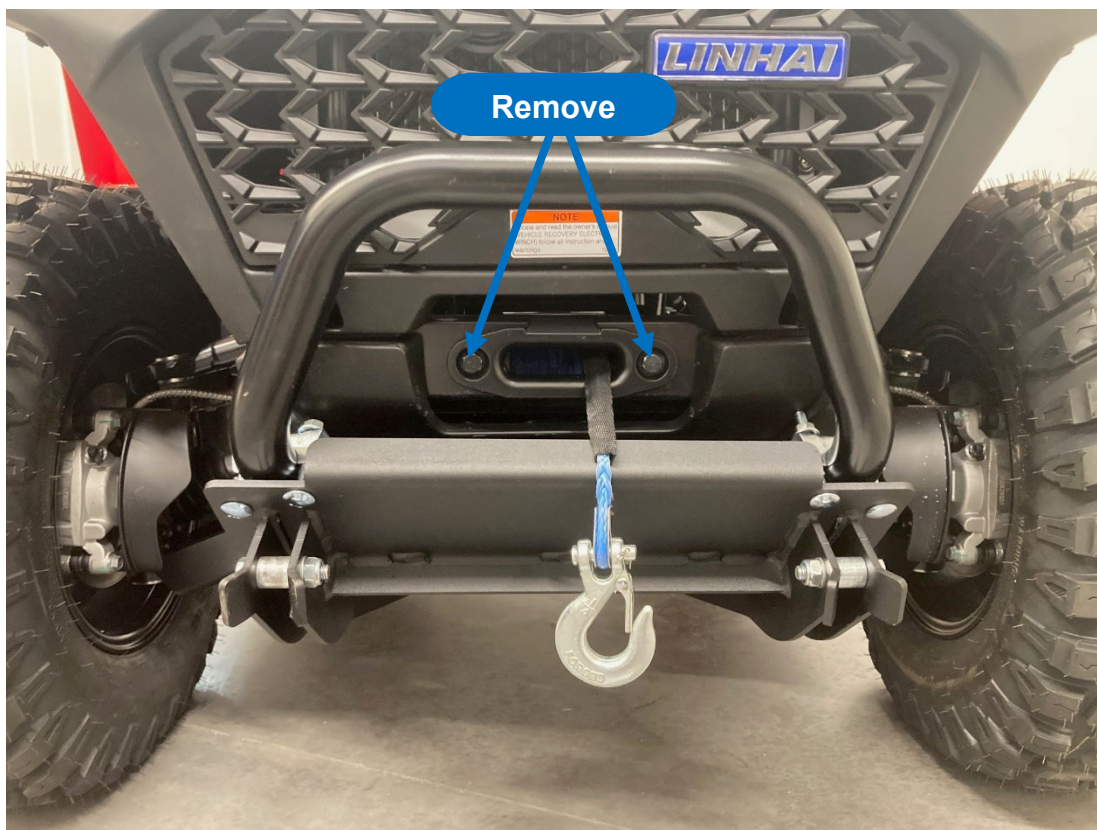


Step 3 Install the upper fixing plate of the lift cylinder. Use original bolts.



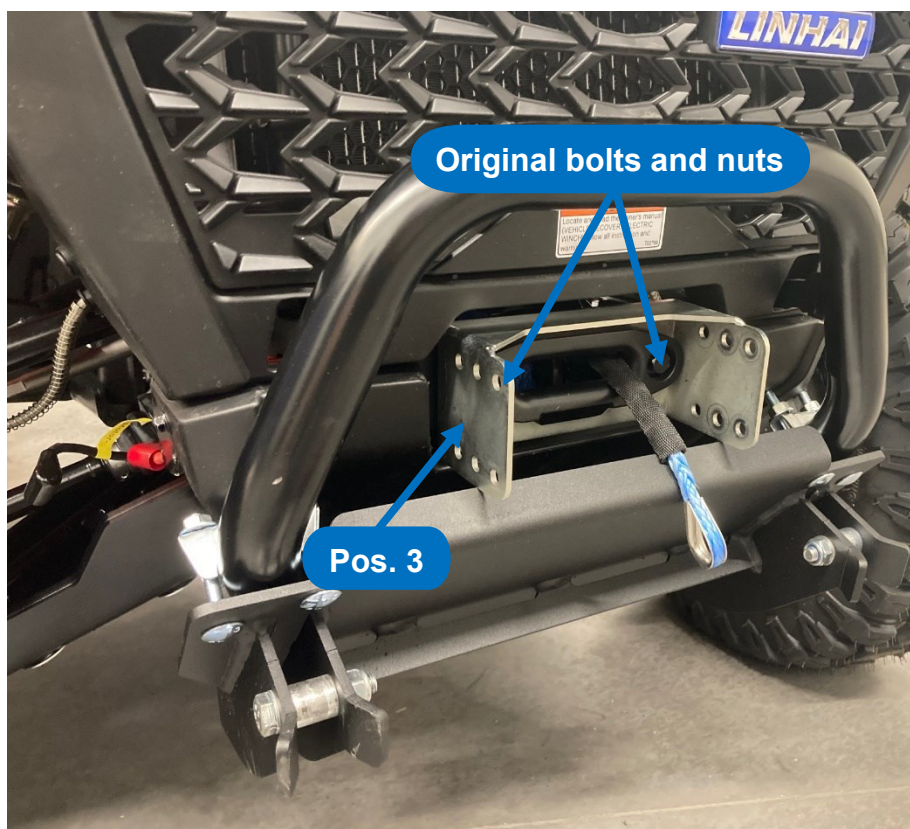
Step 4

Remove the fairlead.



Step 5

Install the lift cylinder winch box mount with the fairlead.
Use original bolts and nuts.



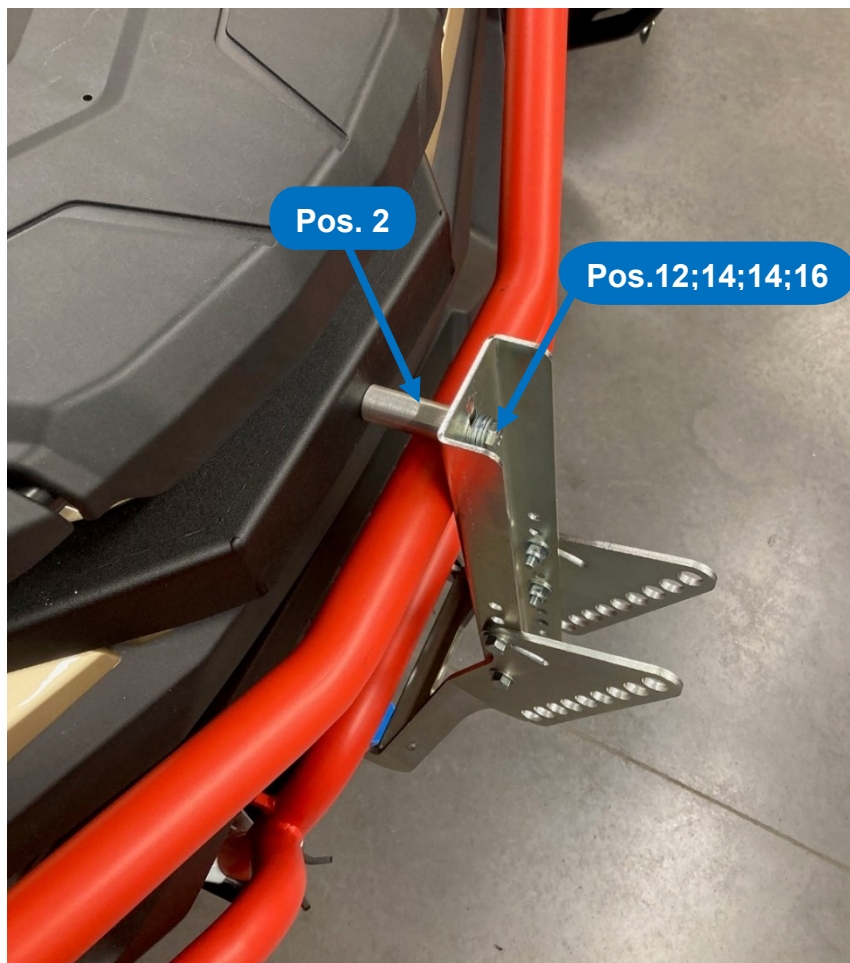
Step 6

Install the lift cylinder holder bracket (Pos.9) and the front rack mount (Pos.4). Use M8x20 bolts (Pos.11), Ø8/20 washers (Pos.14) and M8 nyloc nuts (Pos.16).



Step 6 650L PRO

With models fitted with the bash-bar, longer bolt M8x80 (Pos.12) along with Ø8/20 washers (Pos.14), M8 Nyloc nut (Pos.16) to use the distance bushing (Pos.2).



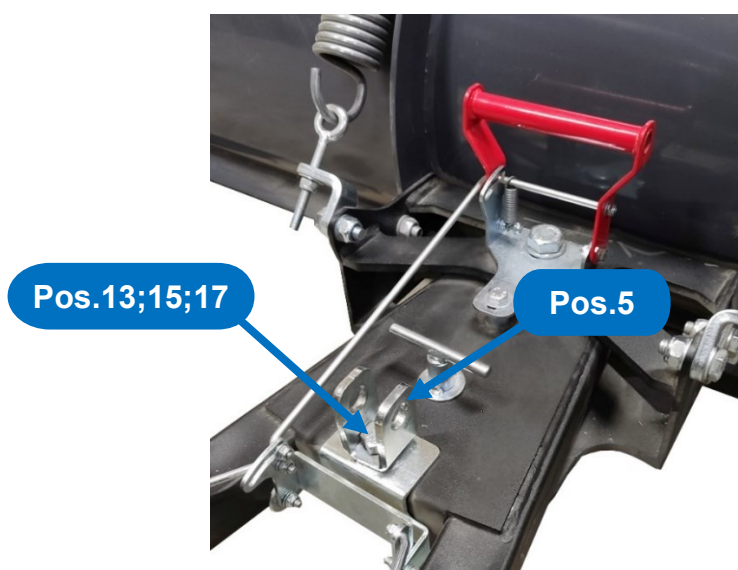
Step 7

Reinstall the front rack covers.



Step 8

Install cylinder mount (Pos.5) to plow frame. For fastening use M12x30 bolts (Pos.13), Ø12 washers (Pos.15) and M12 nyloc nuts (Pos.17).



Step 9

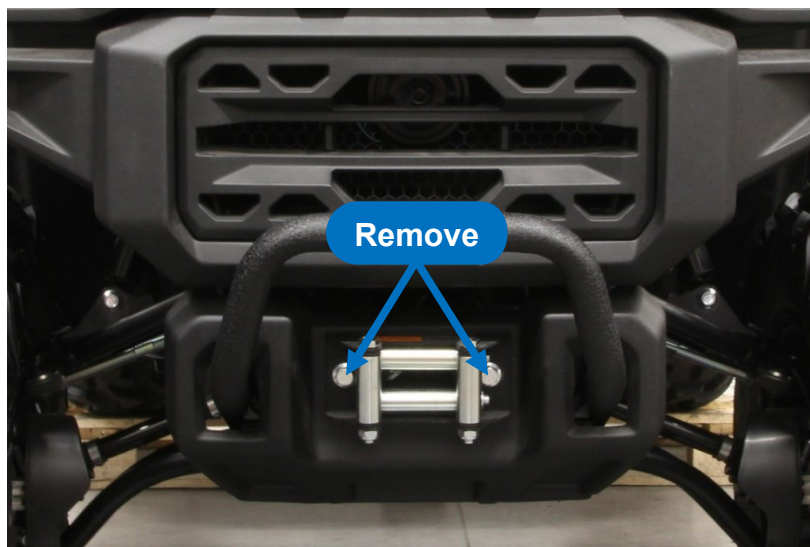
Install cylinder. For fastening use cylinder upper pin (Pos.6), lower pin (Pos.7) and cotter pins (Pos.10). If installing hydraulic cylinder, add bushings (Pos.8) between the cylinder and cylinder holder.



FITTING INSTRUCTIONS GOES TERROX 550L

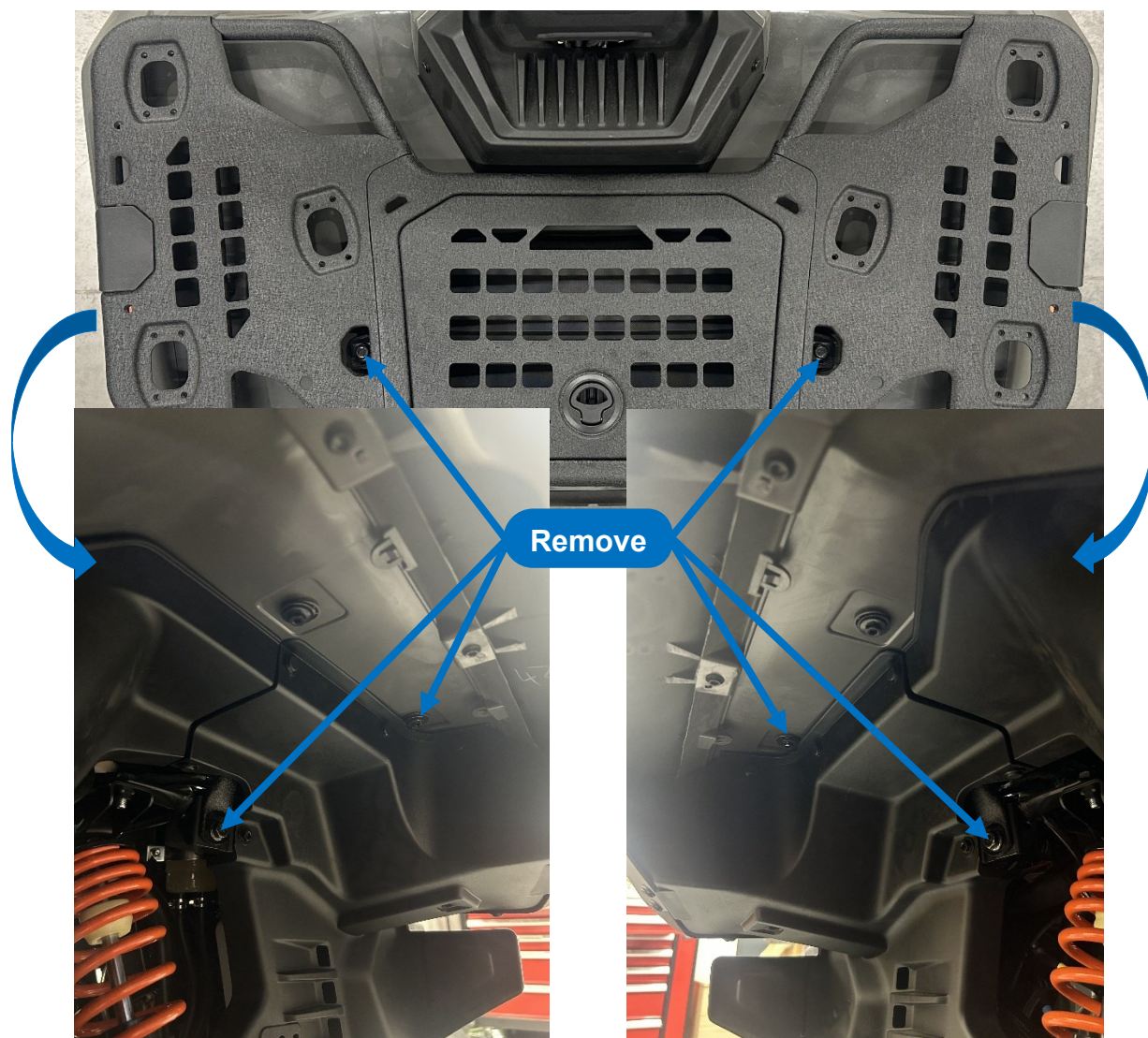
Step 1

Remove fairlead.



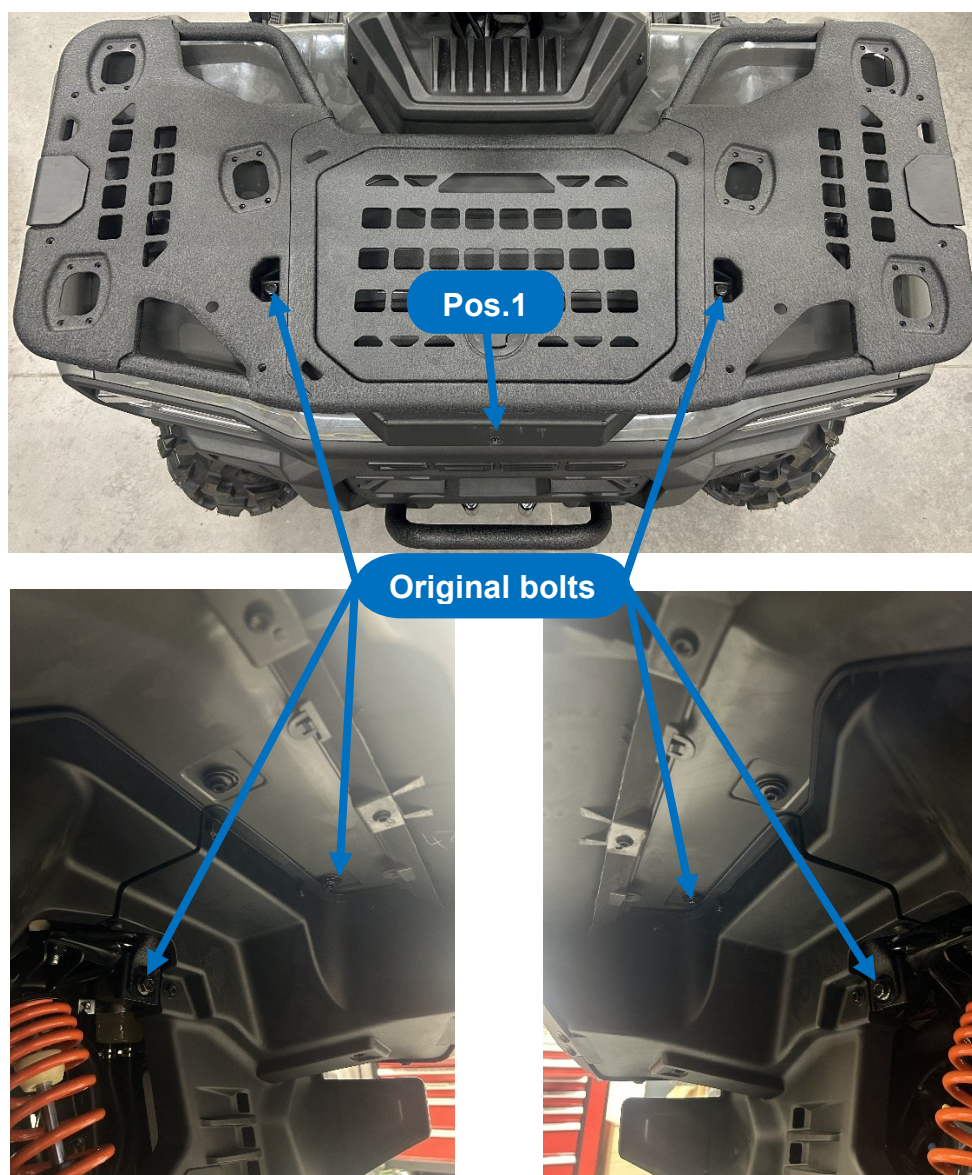
Step 2

Remove front cargo rack bolts, as shown in the picture.



Step 3

Lift up front cargo rack and install mounting bracket (Pos.1) between cargo rack and ATV frame. For fastening use original bolts.

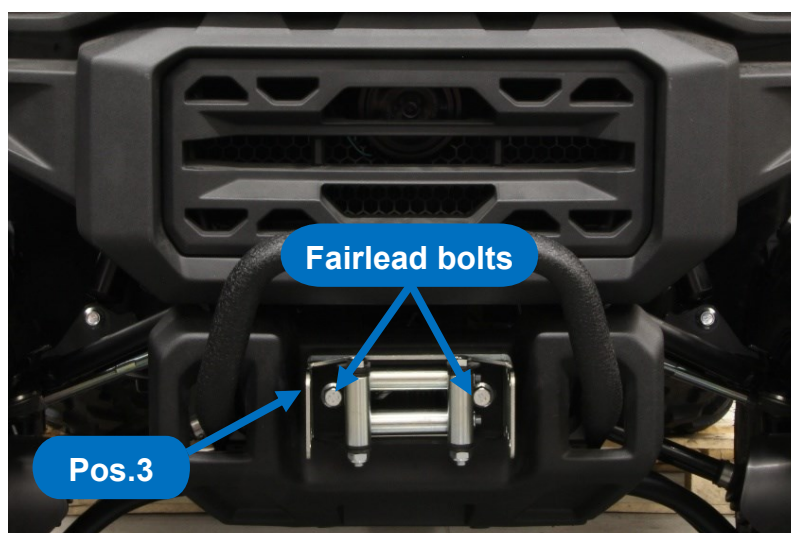


Step 4

Install cylinder holder (Pos.3) with fairlead. For fastening use fairlead bolts*.

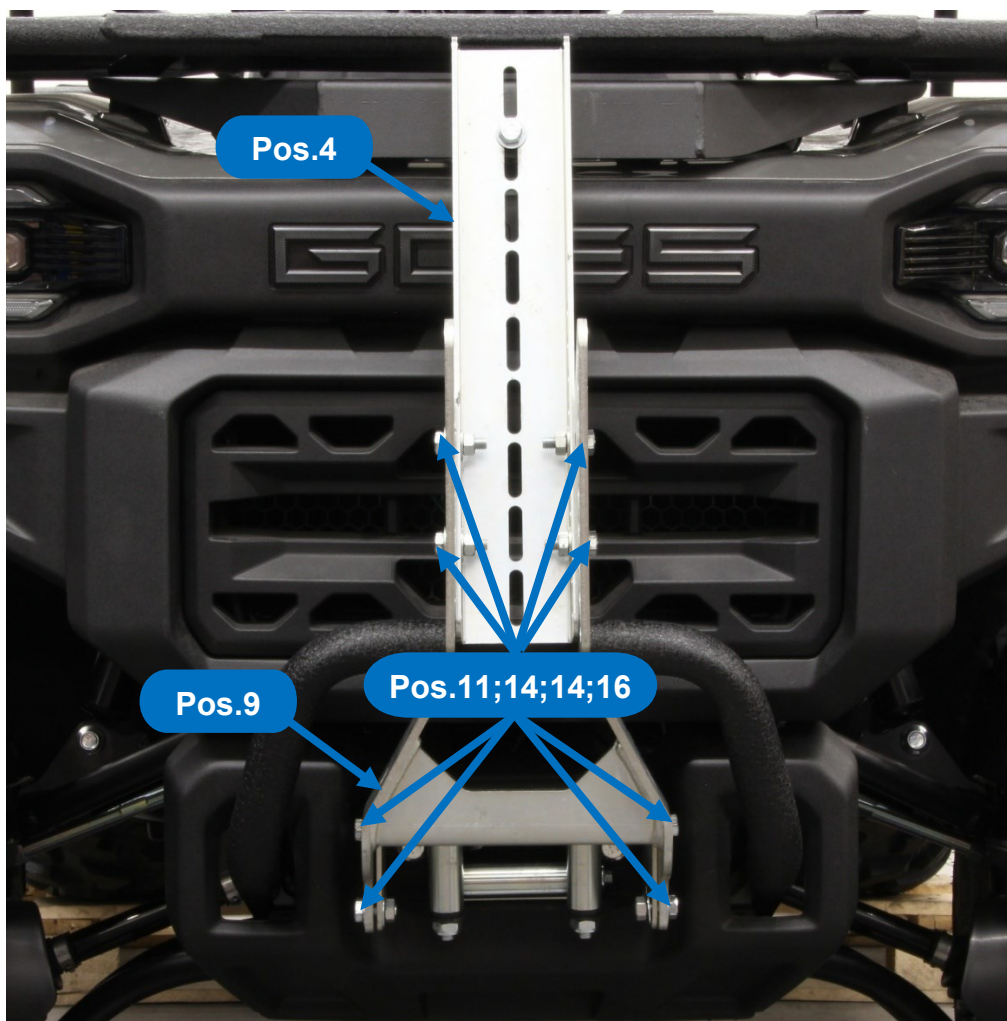
**If using original skid plate, then use original bolts;*

***If using Iron Baltic skid plate, then use skid plate bolts.*



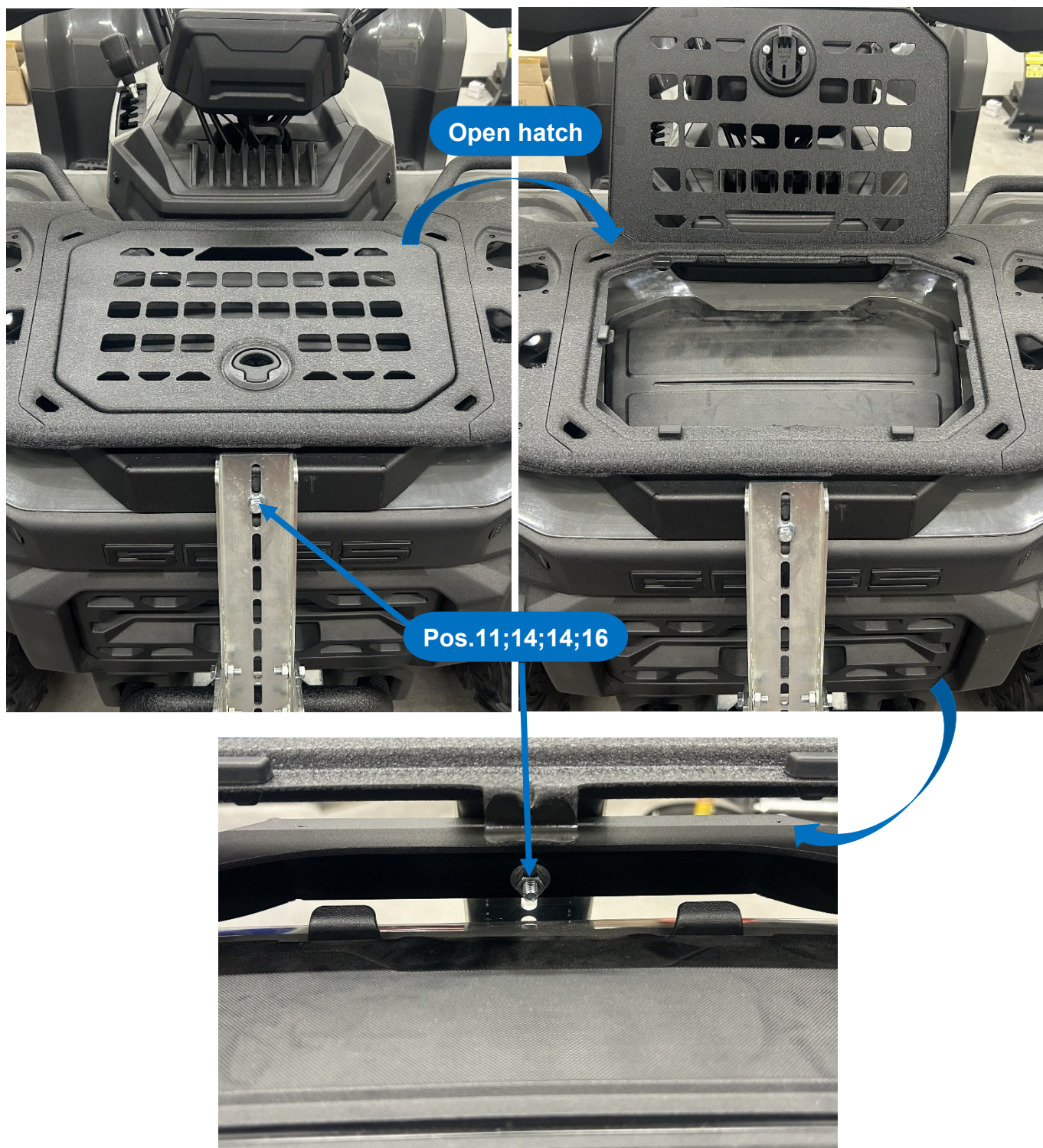
Step 5

Install upper mount cylinder holder (Pos.4) and cylinder holder (Pos.9). For fastening use M8x20 bolts (Pos.11), Ø8/20 washers (Pos.14) and M8 nyloc nuts (Pos.16). **NB! The upper mount cylinder holder must be installed in the furthestmost holes, as shown in the picture.**



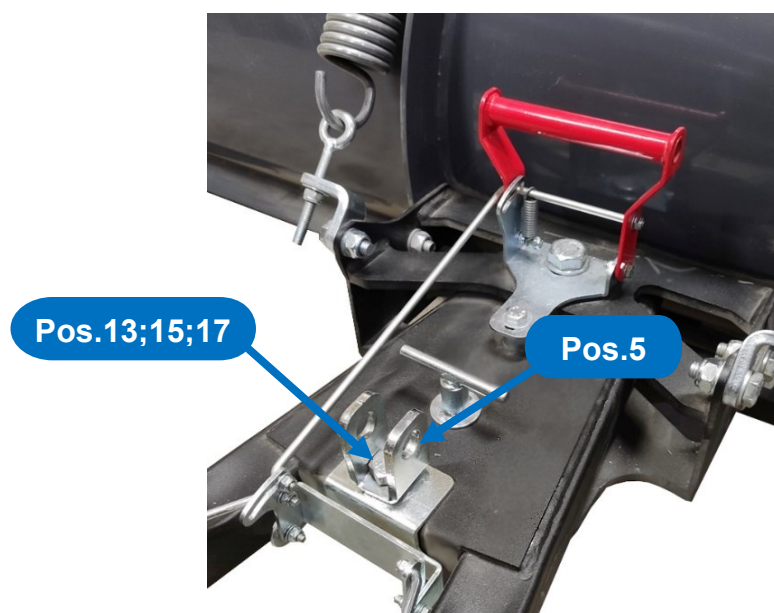
Step 6

Install cylinder holder to the mounting bracket. For fastening use M8x20 bolts (Pos.11), Ø8/20 washers (Pos.14) and M8 nyloc nuts (Pos.16).
NB! To make installation easier, open front cargo rack hatch.



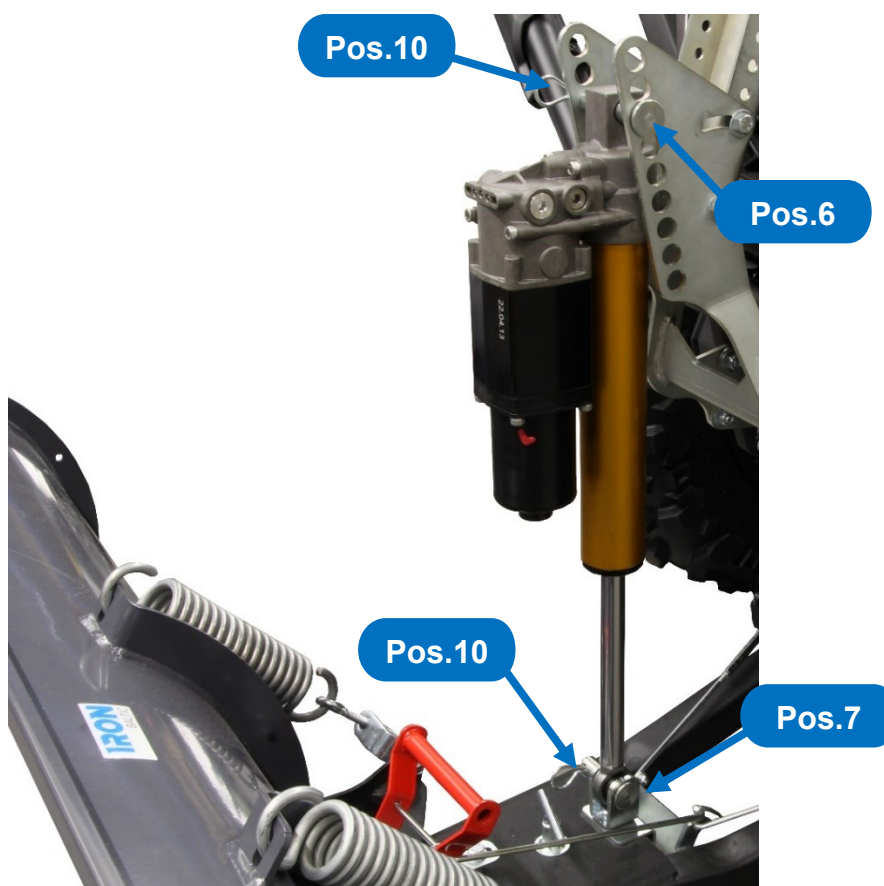
Step 7

Install cylinder mount (Pos.5) to plow frame. For fastening use M12x30 bolt (Pos.13), Ø12 washer (Pos.15) and M12 nyloc nut (Pos.17).



Step 8

Install cylinder. For fastening use cylinder upper pin (Pos.6), lower pin (Pos.7) and cotter pins (Pos.10). If installing hydraulic cylinder, add bushings (Pos.8) between the cylinder and cylinder holder.



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