Read before installation.

All bolts have to be finaly tighten after installation all parts on vehicle.

Crash bar down

BMW R12

ID:3088209

	Steel 8.8	Steel 10.9	Steel 12.9
M4	2,7	4	4.9
M5	5,5	8	9.8
M6	9,7	13,7	16
M8	23	33	40
M10	47	66	83
M12	80	116	150
M14	130	184	240
M16	196	287	350
M18	270	395	490
M20	385	560	690

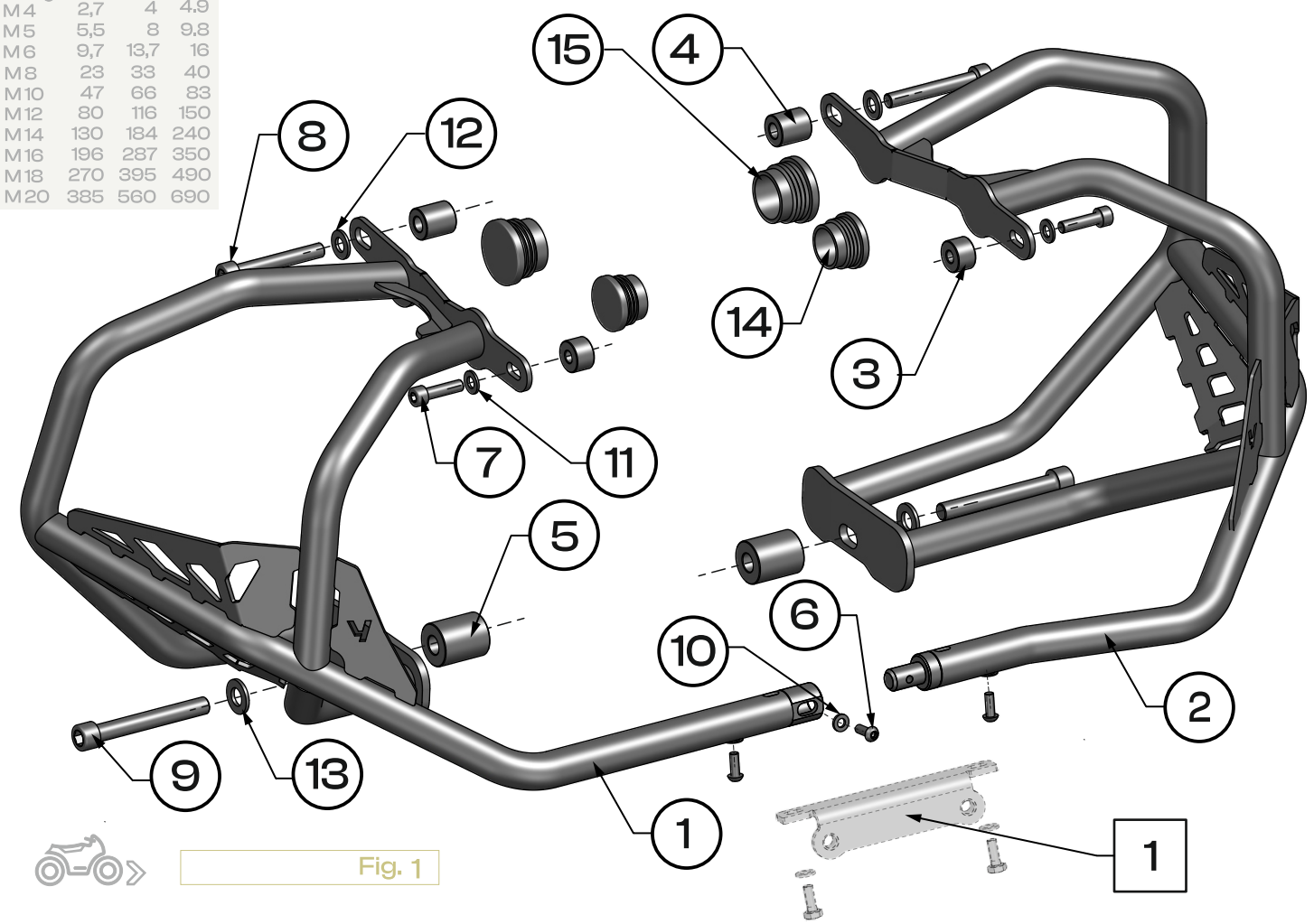


Fig. 1

1 Left crash bar — 1x



2 Right crash bar — 1x



3 Spacer sleeve — D22xd8.5xH14 — 2x



4 Spacer sleeve — D22xd10.6xH24 — 2x



5 Spacer sleeve — D30xd13xH36 — 2x



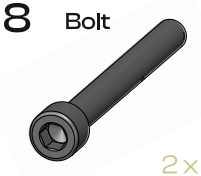
6 Bolt — M6x16 -DIN 7380 — 1x



7 Bolt — M8x30-DIN 912 — 2x



8 Bolt — M10x70-DIN 912 — 2x



9 Bolt — M12x90-DIN 912 — 2x



10 Nut — M6-DIN 125 — 1x



11 Washer — M8-DIN 125 — 2x



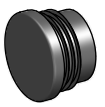
12 Washer — M10-DIN 125 — 2x



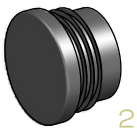
13 Washer — M12-DIN 125 — 2x



14 End caps — 2x



15 End caps — 2x



1 Not included in Yakk EXP ID: 3088209 - supplied with another produkt Yakk EXP ID: 3088210
During installation, remove screws [6] and replace them with the screws from the kit.

one person — use a medium-stregth — tighten with torque — OEM Original Equipment Manufacturer

Yakk EXP

assembly instructions

yakkexp.com

EXPLORE POSSIBILITIES

!!! Initially, attach the screws loosely.
After assembling everything together, tighten them with the appropriate force.

5 Spacer sleeve



D30xd13xH36 2x

1. Unscrew and remove the OEM screws
2. Insert the spacer sleeve.

Repeat on the opposite side.

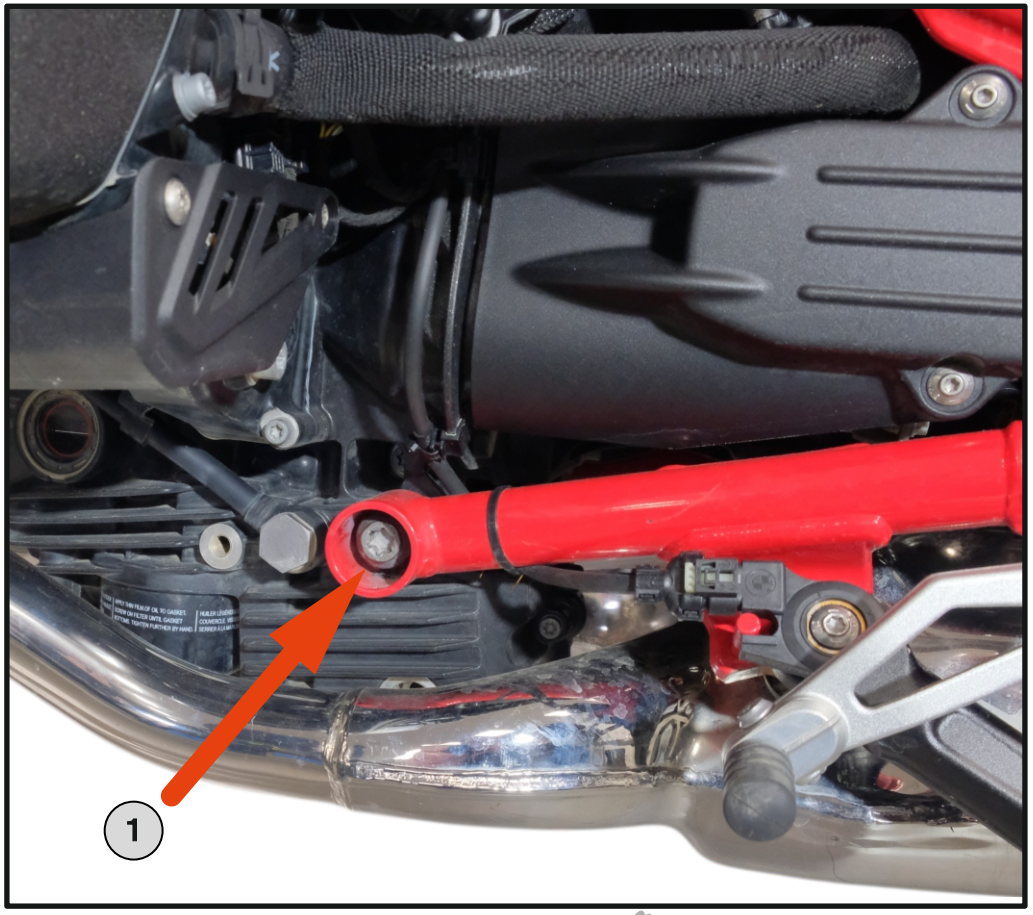


Fig. 2

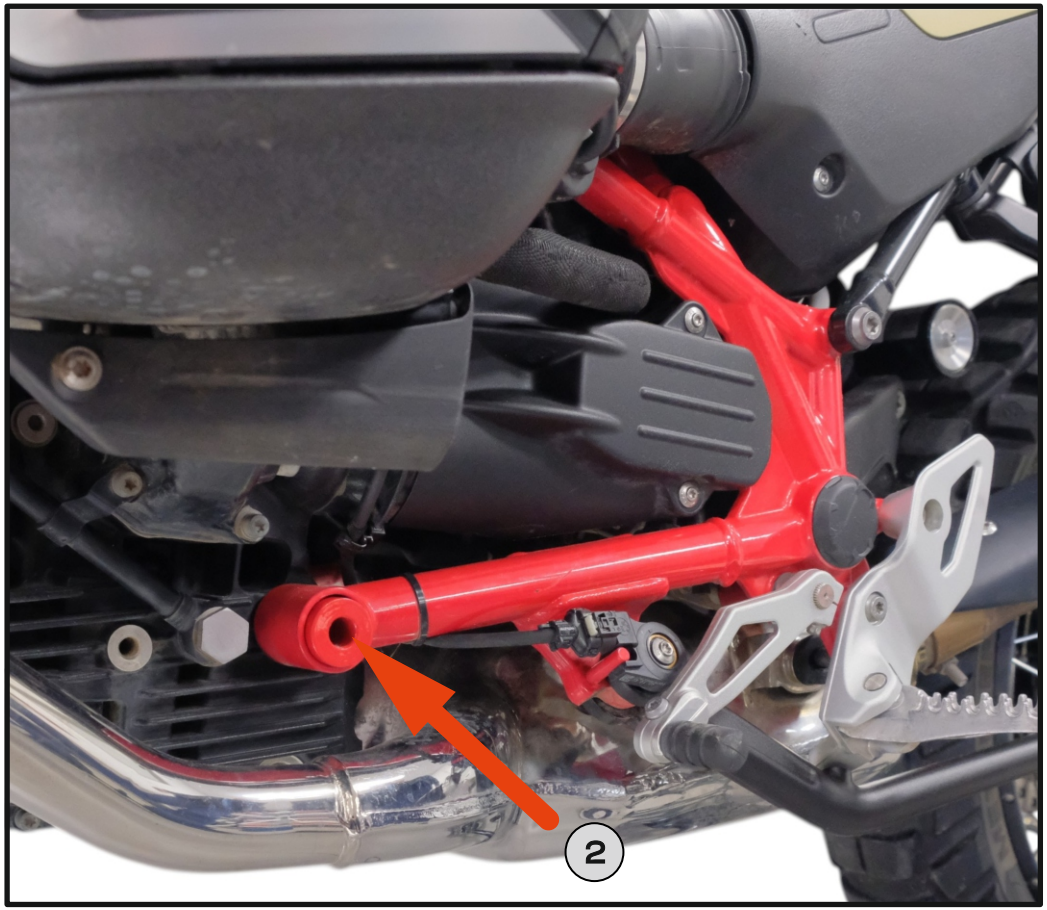
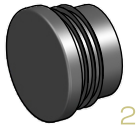


Fig. 3

14 End caps	15 End caps
 2x	 2x

3. Unscrew and remove the OEM screws

4. Insert end cups.

Repeat on the opposite side.

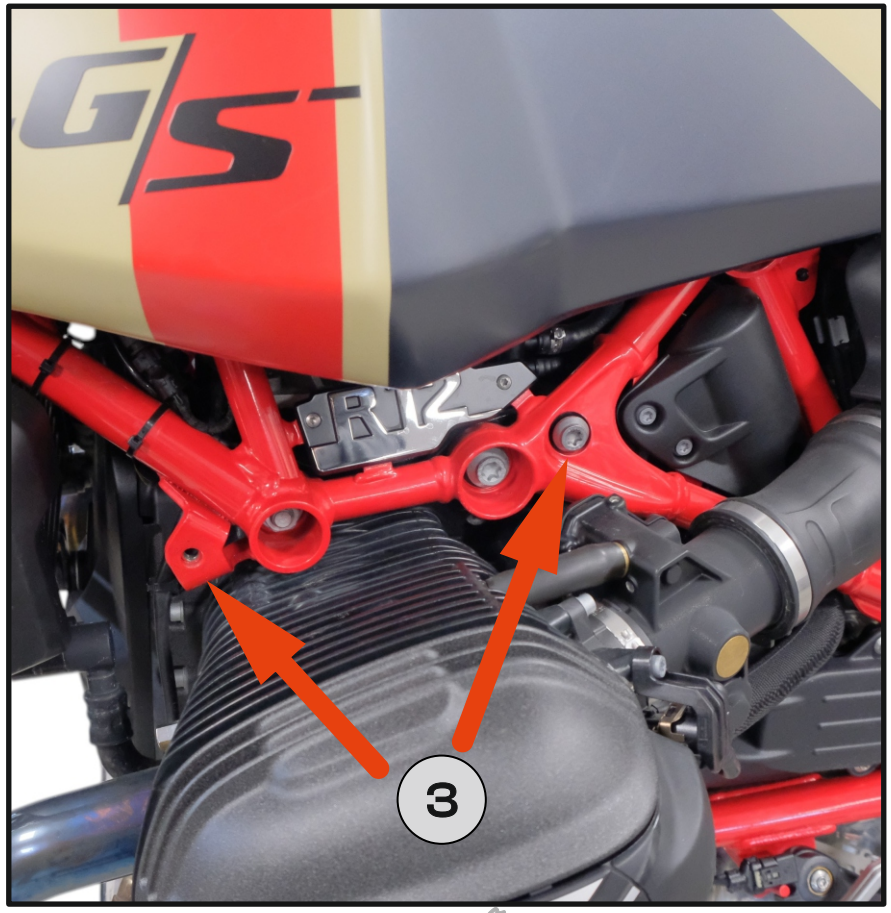


Fig. 4

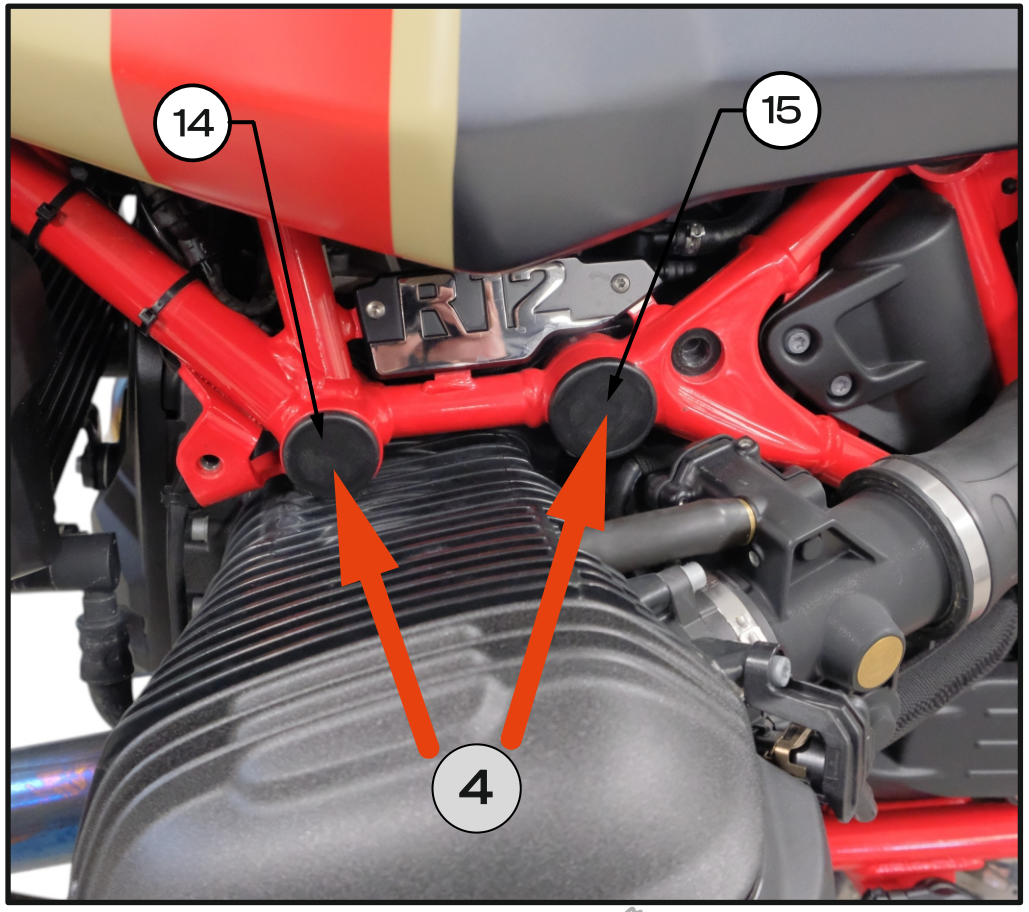
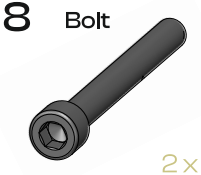


Fig. 5

!!! Initially, attach the screws loosely.
After assembling everything together, tighten them with the appropriate force.

follow yakkexp join #yakkherd

4. Mount the crash bars on both sides as shown in the drawing . **[Fig. 6], [Fig. 7]** Use medium-strength adhesive.

1 Left crash bar	2 Right crash bar	3 Spacer sleeve	4 Spacer sleeve	7 Bolt	8 Bolt	11 Washer	12 Washer
							
1x	1x	D22xd8.5xH14 2x	D22xd10.6xH24 2x	M8x30-DIN 912 2x	M10x70-DIN 912 2x	M8-DIN 125 2x	M10-DIN 125 2x

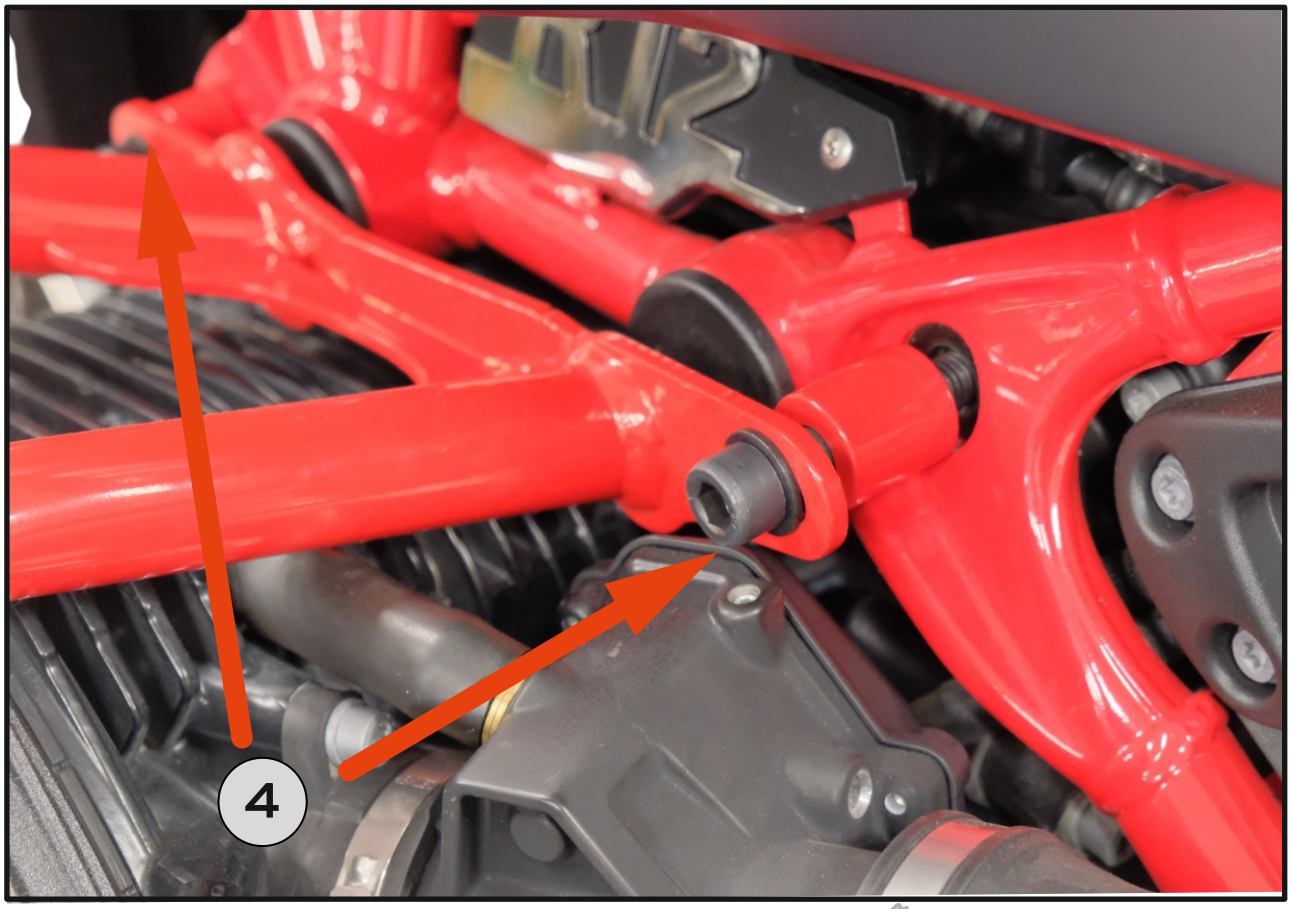


Fig. 6

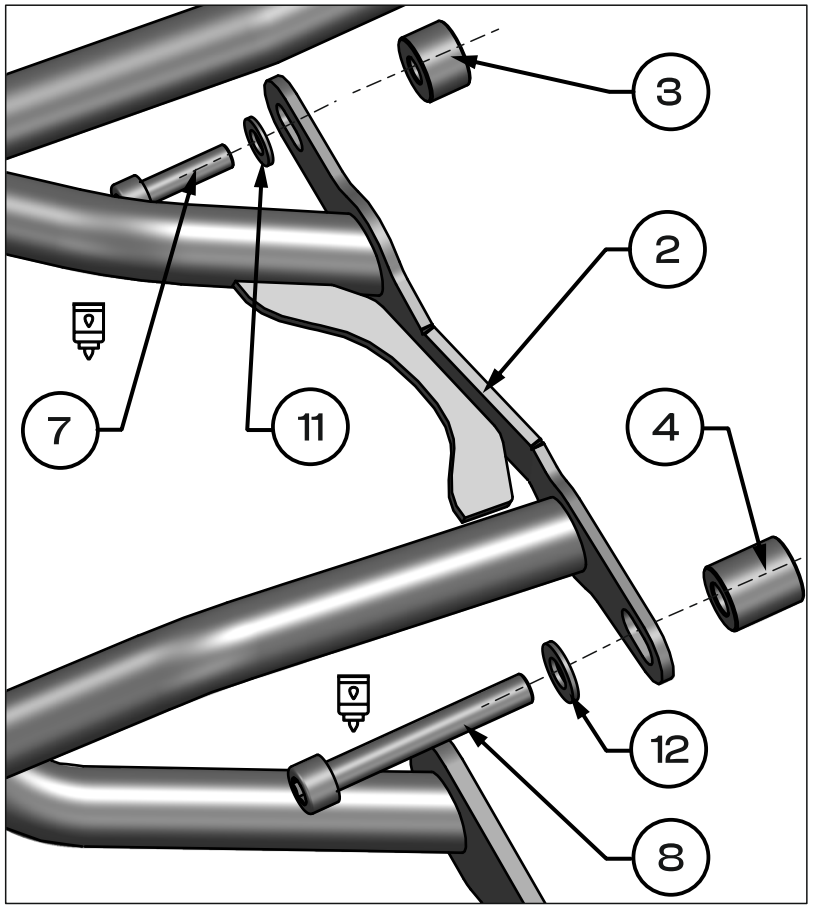


Fig.7

!!! Initially, attach the screws loosely.
After assembling everything together, tighten them with the appropriate force.

5. Mount the crash bars on both sides as shown in the drawing . **[Fig. 8], [Fig. 9]** Use medium-strength adhesive.

5 Spacer sleeve	9 Bolt	13 Washer
		
D30xd13xH36 2x	M12x90-DIN 912 2x	M12-DIN 125 2x



Fig.8

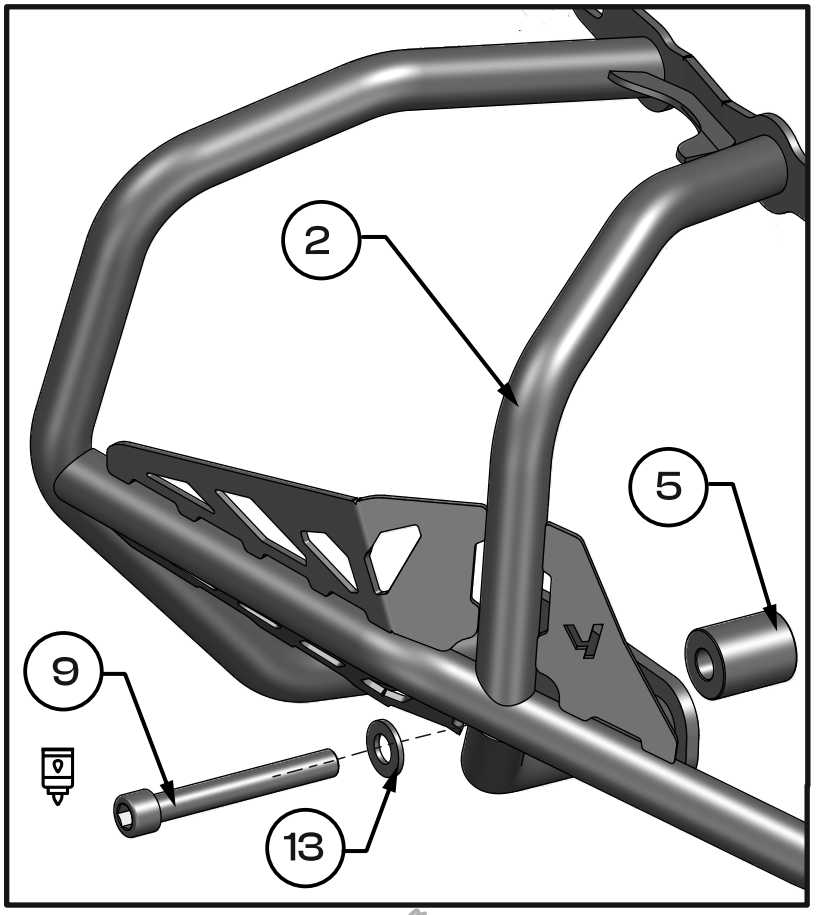


Fig.9

!!! Initially, attach the screws loosely.
After assembling everything together, tighten them with the appropriate force.

6. Mount the left and right crash bars and tighten as shown in the drawing . **[Fig. 10], [Fig. 11]**
7. Align the crash bars symmetrically with the motorcycle centerline. Tighten all fasteners to the specified torque. **[Fig. 12]**

6 Bolt	10 Nut
	
M6x16 -DIN 7380 3×	M6-DIN 125 1×

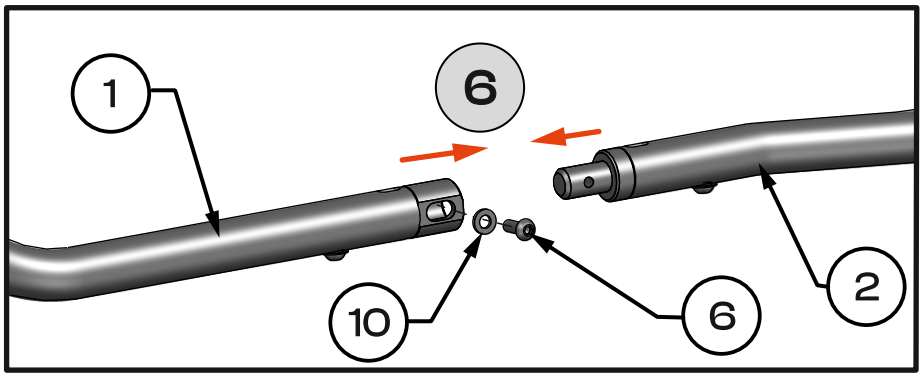


Fig.10

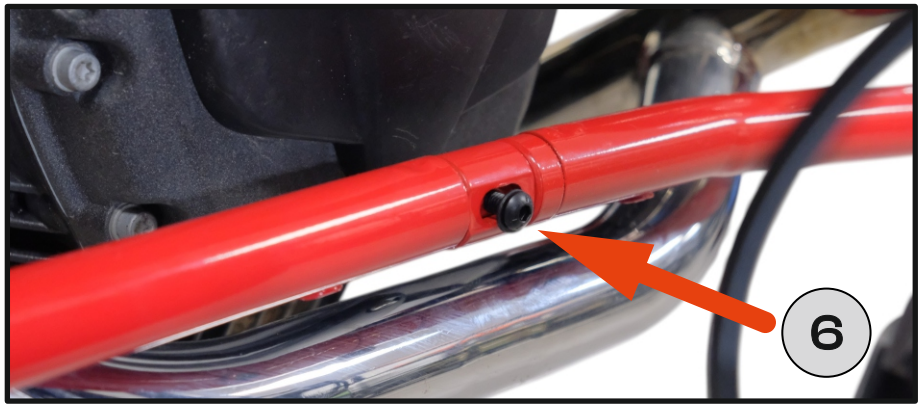


Fig.11



Fig.12