

MV Agusta Turismo Veloce 800 / Edition 1 / Lusso frame tightening torques



Tightening torques

For screws and nuts not shown on the table:

Dimensions and type	Description	Strength class	Tightening torque
M4 x 0.7	Generic screws and nuts	8.8	3 Nm
M5 x 0.8	Generic screws and nuts	8.8	5 + 7 Nm
M6 x 1	Generic screws and nuts	8.8	8 + 10 Nm
M8 x 1.25	Generic screws and nuts	8.8	22 + 24 Nm

Key to colours and symbols:

- Tightening torque
- Tightening sequence
- Special Characteristic
- No lubrication required
- Lubrication required
- With thread-locking fluid

15 55 + 60 Nm
With grease on first threads only

16 4 + 5 Nm
Loctite 243

17 4 + 5 Nm
Loctite 243

18 44 Nm
With grease on first threads only

19 55 + 60 Nm
With grease on first threads only

20 12 Nm
Loctite 243

21 4 + 5 Nm
Loctite 7414 on the external screw head (irreversibility)

22 16 + 18 Nm
With grease on first threads only

23 18 Nm
With grease on first threads only

24 Loctite 243

25 TV Lusso: Loctite 243

26 40 + 44 Nm
With grease on first threads only

27 8 + 10 Nm

28 16 + 18 Nm
Without grease

29 Silicone terminals screws: Loctite 270

30 Into contact + 90°
Loctite 270

31 220 + 240 Nm
With grease on first threads of nut only
Do not apply grease over the tapered part of the nut

32 44 Nm
With grease on first threads only

33 24 Nm
With grease on first threads only

34 20 + 22 Nm

35 70 + 75 Nm
With grease on first threads only

36 55 + 60 Nm
With grease on first threads only

37 10 Nm
With copper (CU) grease on first threads only

38 23 + 25 Nm
Loctite 243

39 6 Nm
Without grease

40 23 + 26 Nm
Without grease

41 16 + 18 Nm
With grease on first threads only

42 23 + 25 Nm
Loctite 243

43 42 + 46 Nm
With grease

44 44 Nm
With grease on first threads only

45 18 + 20 Nm
Loctite 270

46 30 + 35 Nm
Loctite 243

47 55 + 60 Nm
With grease on first threads only

48 Apply grease only on the screw tip

49 50 Nm
Loctite 270 only on the threads

50 6 + 8 Nm
Loctite 5900

51 15 + 18 Nm
Loctite 243

52 38 + 42 Nm
With grease on first threads only

53 22 + 24 Nm
With grease on first threads only

54 20 Nm
With grease on first threads only
Tighten alternatively / Upper/lower clamps minimum play: 3 mm

55 TV Lusso: 8 + 10 Nm
Loctite 243

56 TV Lusso: 24 Nm
With grease on first threads only

57 Loctite 243

58 Speed sensor / photo wheel play: 0.6 + 1.2 mm

59 Move to the end stop
Loctite 243

60 40 + 44 Nm
With grease on first threads only

61 11

62 4

63 6

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- With thread-locking fluid

ABS module unions:
18 Nm
Without grease

16 + 18 Nm
With grease on first threads only

12 Nm
Loctite 243

Into contact + 15°
Loctite 243

5 + 7 Nm
Loctite 243

No. 6 screws: 10 Nm
With grease on first threads only

18 + 20 Nm
Loctite 243

24 Nm
With grease on first threads only

Apply grease only on the screw body
Loctite 243 only on the threads

15+18 Nm

No.3 upper chain pad screws: 6 + 8 Nm
With grease on first threads only

3 + 4 Nm
Loctite 243

25 Nm
Without grease

3 Nm
Loctite 243

20 + 22 Nm
Loctite 270

200 + 220 Nm
With grease only on the threaded part

Pin head diameter after riveting = Ø 5.70 + 5.80 mm

15 + 18 Nm
Loctite 243

44 Nm
With grease on first threads only

No.2 side stand plate screws: 40 + 44 Nm
Loctite 243

No.3 lower chain pad screws: 6 + 8 Nm
With grease on first threads only

16.5 + 19.5 Nm
With Molykote HSC Plus grease (without Pb) on first threads only

10 Nm
With copper (CU) grease on first threads only

1. Move the screw to the end stop
With grease on first threads only
Allow free movement of the side stand
Degrease contact plane
2. Tighten the nut to 25 Nm
Allow free movement of the side stand

20 + 22 Nm

8 + 10 Nm
Loctite 243

5 + 7 Nm
Loctite 243

28+32 Nm
With grease on first threads only

10+12 Nm
With grease on first threads only

18 Nm
Loctite 243

23+26 Nm
Without grease

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Pipe unions: 16 + 18 Nm
Without grease

6 + 8 Nm

Into contact + 45°

18 Nm
Loctite 577
Place the sensor in the horizontal or vertical position closest to the tightening condition

10 Nm

8 + 10 Nm
Loctite 243

Into contact + 10°
With grease on first threads only

4 + 5 Nm
With grease on first threads only

23 + 25 Nm
Loctite 243

42 + 46 Nm
With grease

Sensor screw: 5 + 6 Nm
Without grease

Sensor screw: Loctite 243

23 + 26 Nm
Without grease

60 Nm
With grease on first threads only

16 + 18 Nm
With grease on first threads only

Horn screw: 5 Nm

6 Nm
Without grease

23 + 26 Nm
Without grease

18 Nm
With grease on first threads only

12 Nm
Loctite 243

Into contact + 15°
Loctite 243

5 + 7 Nm
Loctite 243

No. 6 screws: 10 Nm
With grease on first threads only

18 + 20 Nm
Loctite 243

24 Nm
With grease on first threads only

Apply grease only on the screw body
Loctite 243 only on the threads

15+18 Nm

No.3 upper chain pad screws: 6 + 8 Nm
With grease on first threads only

3 + 4 Nm
Loctite 243

25 Nm
Without grease

3 Nm
Loctite 243

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Loctite 270

200 + 220 Nm
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Degrease contact plane
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5 + 7 Nm
Loctite 243

28+32 Nm
With grease on first threads only

10+12 Nm
With grease on first threads only

18 Nm
Loctite 243

23+26 Nm
Without grease