

# OWNER'S MANUAL 2024



701 Enduro  
Art. no. 3402756en

  
**Husqvarna®**  
MOTORCYCLES



# DEAR HUSQVARNA MOTORCYCLES CUSTOMER

Congratulations on your decision to purchase a Husqvarna motorcycle. You are now the owner of a state-of-the-art sports vehicle which, with appropriate care, will bring you pleasure for a long time to come.

We wish you good and safe riding at all times!

Enter the serial numbers of your vehicle below.

Vehicle identification number (☞ p. 17)	Dealer's stamp
Engine number (☞ p. 18)	
Key number (☞ p. 17)	

The Owner's Manual contained the latest information for this model series at the time of publication. However, minor differences due to further developments in design cannot be ruled out completely.

All specifications contained herein are non-binding. Husqvarna Motorcycles GmbH specifically reserves the right to modify or delete technical specifications, prices, colors, forms, materials, services, designs, equipment, etc., without prior notice and without specifying reasons, to adapt these to local conditions, as well as to stop production of a particular model without prior notice. Husqvarna Motorcycles accepts no liability for delivery options, deviations from illustrations and descriptions, as well as misprints and other errors. The models portrayed partly contain special equipment that does not belong to the regular scope of supply.

© 2023 Husqvarna Motorcycles GmbH, Mattighofen Austria

All rights reserved

Reproduction, even in part, as well as copying of all kinds, is permitted only with the express written permission of the copyright owner.



ISO 9001(12 100 6061)

Husqvarna Motorcycles applies quality assurance processes that lead to the highest possible product quality as defined in the ISO 9001 international quality management standard.

Issued by: TÜV Management Service

Husqvarna Motorcycles GmbH  
Stallhofnerstraße 3  
5230 Mattighofen, Austria

This document is valid for the following models:

701 Enduro US (F2675X1)



3402756en

09.10.2023

# TABLE OF CONTENTS

1	MEANS OF REPRESENTATION.....	5	6.7	Emergency OFF switch.....	20
1.1	Symbols used .....	5	6.8	Start button .....	20
1.2	Formats used.....	5	6.9	Combination switch .....	21
2	SAFETY ADVICE .....	6	6.10	Ignition and steering lock.....	21
2.1	Use definition – intended use .....	6	6.11	Overview of indicator lamps .....	22
2.2	Misuse.....	6	6.12	Opening fuel tank filler cap .....	22
2.3	Safety advice .....	6	6.13	Closing the fuel tank filler cap.....	23
2.4	Degrees of risk and symbols .....	6	6.14	Seat release .....	23
2.5	Overview of labels.....	7	6.15	Grab handles .....	23
2.6	Reporting safety defects.....	9	6.16	Passenger foot pegs.....	24
2.7	Noise emission warranty.....	9	6.17	Shift lever .....	24
2.8	Operating noise warning.....	10	6.18	Foot brake lever .....	24
2.9	Manufacturer warranty for the exhaust monitoring system.....	10	6.19	Side stand.....	25
2.10	Consumer rights .....	10	7	COMBINATION INSTRUMENT .....	26
2.11	Tampering warning .....	11	7.1	Overview .....	26
2.12	Safe operation.....	11	7.2	Activation .....	26
2.13	Protective clothing .....	12	7.3	Messages on the combination instrument .....	26
2.14	Work rules.....	12	7.4	Setting the combination instrument....	26
2.15	Environment.....	12	7.5	Setting the kilometers or miles .....	28
2.16	Owner's Manual.....	12	7.6	Setting the clock .....	28
3	IMPORTANT NOTES .....	14	7.7	Setting the service display .....	29
3.1	Manufacturer warranty, implied warranty .....	14	7.8	Speed, time, and DST distance 1 .....	29
3.2	Fuel, auxiliary substances.....	14	7.9	Speed, time, and DST2 distance 2 .....	30
3.3	Spare parts, accessories .....	14	7.10	AVG average speed, ART operating hours, and ODO total distance covered .....	30
3.4	Service .....	14	8	PREPARING FOR USE.....	31
3.5	Figures .....	14	8.1	Advice on preparing for first use.....	31
3.6	Customer service.....	14	8.2	Running in the engine .....	32
4	VIEW OF VEHICLE .....	15	8.3	Loading the vehicle.....	32
4.1	View of vehicle, front left (example) ....	15	9	RIDING INSTRUCTIONS .....	34
4.2	View of vehicle, rear right (example).....	16	9.1	Checks and maintenance measures when preparing for use .....	34
5	SERIAL NUMBERS.....	17	9.2	Starting the vehicle .....	34
5.1	Vehicle identification number.....	17	9.3	Starting off .....	36
5.2	Type label.....	17	9.4	Shifting, riding .....	36
5.3	Key number.....	17	9.5	Braking.....	38
5.4	Engine number.....	18	9.6	Stopping, parking .....	40
5.5	Fork part number .....	18	9.7	Transport.....	41
5.6	Shock absorber article number .....	18	9.8	Towing in the event of a breakdown .....	41
6	CONTROLS .....	19	9.9	Refueling .....	42
6.1	Clutch lever.....	19	10	SERVICE SCHEDULE.....	43
6.2	Hand brake lever.....	19	10.1	Additional information.....	43
6.3	Throttle grip.....	19	10.2	Service schedule.....	43
6.4	Horn button.....	19	11	TUNING THE CHASSIS.....	45
6.5	Light switch.....	20	11.1	Fork/shock absorber.....	45
6.6	Turn signal switch .....	20			

# TABLE OF CONTENTS

11.2	Fork offset.....	45
11.3	Adjusting the compression damping of the fork.....	45
11.4	Adjusting the rebound damping of the fork.....	46
11.5	Compression damping of the shock absorber.....	46
11.6	Adjusting the low-speed compression damping of the shock absorber.....	47
11.7	Adjusting the high-speed compression damping of the shock absorber.....	47
11.8	Adjusting the rebound damping of the shock absorber .....	48
11.9	Handlebar position.....	49
11.10	Adjusting the handlebar position  .....	49
12	SERVICE WORK ON THE CHASSIS .....	51
12.1	Raising the motorcycle with a lift stand .....	51
12.2	Removing the motorcycle from the lift stand .....	51
12.3	Raising the motorcycle with rear lifting gear .....	51
12.4	Removing the rear of the motorcycle from the lifting gear .....	52
12.5	Bleeding the fork legs .....	52
12.6	Cleaning the dust boots of the fork legs .....	52
12.7	Removing the fork protector .....	53
12.8	Installing the fork protector.....	53
12.9	Checking the steering head bearing play .....	54
12.10	Adjusting steering head bearing play  .....	54
12.11	Removing the seat .....	55
12.12	Mounting the seat .....	55
12.13	Removing the tool set .....	55
12.14	Storing tool set.....	56
12.15	Take off the side cover .....	57
12.16	Mounting the side cover .....	57
12.17	Removing front fender .....	57
12.18	Installing front fender .....	58
12.19	Removing the air filter  .....	58
12.20	Installing the air filter  .....	58
12.21	Checking the chain for dirt.....	59
12.22	Cleaning the chain .....	59
12.23	Checking the chain tension .....	60
12.24	Adjusting the chain tension.....	61
12.25	Checking the chain, rear sprocket, engine sprocket, and chain guide.....	61
12.26	Adjusting the chain guide  .....	64
12.27	Adjusting the basic position of the clutch lever.....	64
12.28	Checking the rubber grip .....	65
12.29	Checking/correcting the fluid level of hydraulic clutch.....	65
12.30	Removing engine guard .....	66
12.31	Installing the engine guard.....	66
13	BRAKE SYSTEM .....	67
13.1	Anti-lock braking system (ABS) .....	67
13.2	Adjusting the basic position of the hand brake lever .....	68
13.3	Checking the brake discs .....	68
13.4	Checking the front brake fluid level .....	69
13.5	Adding front brake fluid  .....	69
13.6	Checking that the brake linings of the front brake are secured .....	70
13.7	Changing the brake linings of the front brake  .....	71
13.8	Checking the free travel of foot brake lever .....	73
13.9	Adjusting the basic position of the foot brake lever  .....	74
13.10	Checking the rear brake fluid level .....	74
13.11	Adding rear brake fluid  .....	75
13.12	Checking that the brake linings of the rear brake are secured.....	76
13.13	Changing the rear brake linings  .....	76
14	WHEELS, TIRES.....	79
14.1	Removing the front wheel  .....	79
14.2	Installing the front wheel  .....	80
14.3	Removing the rear wheel  .....	80
14.4	Installing the rear wheel  .....	81
14.5	Checking the rear hub damping rubber pieces  .....	83
14.6	Checking the tire condition .....	84
14.7	Checking tire pressure .....	85
14.8	Checking the spoke tension .....	85
14.9	Using tire repair spray .....	86
15	ELECTRICAL SYSTEM.....	87
15.1	Removing the 12-V battery  .....	87
15.2	Installing the 12-V battery  .....	88
15.3	Charging the 12-V battery  .....	89
15.4	Changing the main fuse .....	90
15.5	Changing the ABS fuses .....	91
15.6	Changing the fuses of individual electrical power consumers .....	93
15.7	Removing the headlight mask with the headlight .....	94
15.8	Installing the headlight mask with the headlight .....	95
15.9	Changing the headlight bulb .....	95

# TABLE OF CONTENTS

15.10	Changing the position light lamp .....	96	22.8	Shock absorber .....	127
15.11	Checking the headlight setting .....	97	22.9	Chassis tightening torques .....	127
15.12	Adjusting the headlight range.....	97	23	SUBSTANCES.....	132
15.13	Changing the turn signal bulb.....	98	24	AUXILIARY SUBSTANCES.....	134
15.14	ACC1 and ACC2 .....	98	25	STANDARDS .....	136
15.15	Diagnostics connector .....	99	26	INDEX OF SPECIAL TERMS .....	137
16	COOLING SYSTEM.....	100	27	LIST OF ABBREVIATIONS .....	138
16.1	Cooling system .....	100	28	LIST OF SYMBOLS .....	139
16.2	Checking the antifreeze and coolant level.....	100	28.1	Red symbols .....	139
16.3	Checking the coolant level.....	101	28.2	Yellow and orange symbols.....	139
16.4	Draining the coolant	102	28.3	Green and blue symbols .....	139
16.5	Filling/bleeding the cooling system	103	INDEX .....		140
16.6	Changing the coolant	104			
17	TUNING THE ENGINE .....	106			
17.1	Changing the riding mode .....	106			
17.2	Adjusting traction control.....	106			
17.3	Checking the basic position of the shift lever.....	107			
17.4	Adjusting the basic position of the shift lever	107			
18	SERVICE WORK ON THE ENGINE .....	108			
18.1	Changing the fuel screen	108			
18.2	Checking the engine oil level .....	109			
18.3	Changing the engine oil and oil filter, cleaning the oil screens	109			
18.4	Adding engine oil .....	112			
19	CLEANING, CARE .....	114			
19.1	Cleaning the motorcycle .....	114			
19.2	Checks and maintenance steps for winter operation .....	115			
20	STORAGE.....	117			
20.1	Storage .....	117			
20.2	Preparing for use after storage .....	118			
21	TROUBLESHOOTING .....	119			
22	TECHNICAL SPECIFICATIONS.....	121			
22.1	Engine .....	121			
22.2	Engine tightening torques.....	122			
22.3	Capacities .....	125			
22.3.1	Engine oil.....	125			
22.3.2	Coolant.....	125			
22.3.3	Fuel.....	125			
22.4	Chassis .....	125			
22.5	Electrical system.....	126			
22.6	Tires .....	126			
22.7	Fork.....	126			

## 1.1 Symbols used

The meaning of specific symbols is described below.



Indicates an expected reaction (e.g., of a work step or a function).



Indicates an unexpected reaction (e.g., of a work step or a function).



Indicates work that requires expert knowledge and technical understanding.  
In the interests of your own safety, have these jobs performed by an authorized Husqvarna Motorcycles workshop. Your motorcycle will be cared for there to the highest degree by specially trained experts using the special tools required.



Indicates a page reference (more information is provided on the specified page).



Indicates information with more details or tips.



Indicates the result of a testing step.



Indicates the end of an activity, including potential reworking.

## 1.2 Formats used

The typographical formats used in this document are explained below.

**Proprietary name** Indicates a proprietary name.

**Name®** Indicates a protected name.

**Brand™** Indicates a brand available on the open market.

**Underlined terms** Refer to technical details of the vehicle or indicate technical terms, which are explained in the glossary.

## 2 SAFETY ADVICE

### 2.1 Use definition – intended use

The vehicle is designed and constructed to withstand the usual demands of regular traffic and use on gentle terrain (unpaved roads).

This vehicle is not suitable for use on race tracks.



#### Info

This vehicle is only authorized for operation on public roads in its homologated version.

When used in a dusty environment, it may be necessary to use air filter protection. Your authorized Husqvarna Motorcycles dealer will be glad to advise you.

### 2.2 Misuse

The vehicle must only be used as intended.

Dangers can arise for people, property and the environment through use not as intended.

Any use of the vehicle beyond the intended and defined use constitutes misuse.

Misuse also includes the use of operating and auxiliary fluids which do not meet the required specification for the respective use.

### 2.3 Safety advice

A number of safety instructions need to be followed to operate the product described safely. Therefore read this instruction and all further instructions included carefully. The safety instructions are highlighted in the text and are referred to at the relevant passages.



#### Info

Various information and warning labels are attached in prominent locations on the product described. Do not remove any information or warning labels. If they are missing, you or others may not recognize dangers and may therefore be injured.

### 2.4 Degrees of risk and symbols



#### Danger

Identifies a danger that will immediately and invariably lead to fatal or serious permanent injury if the appropriate measures are not taken.



#### Warning

Identifies a danger that is likely to lead to fatal or serious injury if the appropriate measures are not taken.



#### Caution

Identifies a danger that may lead to minor injuries if the appropriate measures are not taken.

#### Note

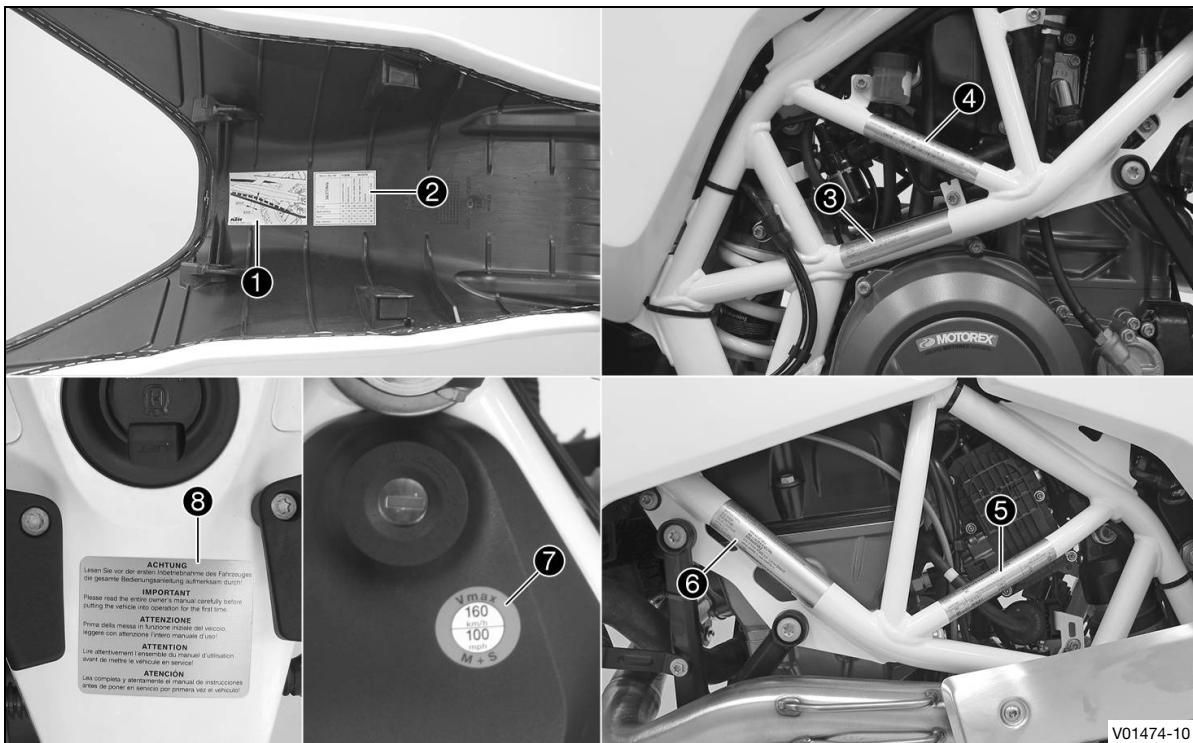
Identifies a danger that will lead to considerable machine and material damage if the appropriate measures are not taken.



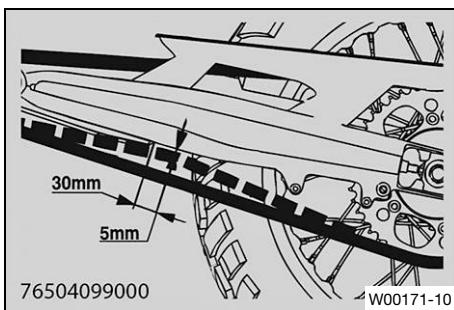
#### Note

Indicates a danger that will lead to environmental damage if the appropriate measures are not taken.

## 2.5 Overview of labels



- |   |                                     |
|---|-------------------------------------|
| 1 | Information, chain tension          |
| 2 | Information, suspension setting     |
| 3 | Information, noise emission         |
| 4 | Type label, USA                     |
| 5 | Type label, Canada                  |
| 6 | Information, emission control       |
| 7 | Information on tires                |
| 8 | Information, putting into operation |



Information, chain tension

## 2 SAFETY ADVICE

SETTING look owner's manual	FORK		SHOCK		
	Compression (clicks)	Rebound (clicks)	Compr. low speed (turns)	Compr. high speed (turns)	Rebound
Comfort	20	20	25	2,5	23
<b>Standard</b>	<b>15</b>	<b>15</b>	<b>20</b>	<b>2,0</b>	<b>20</b>
Sport	10	10	10	1	10
Max. payload	10	10	10	1	10
					25mm

W00129-10

Information, suspension setting

MOTORCYCLE NOISE EMISSION CONTROL INFORMATION					
KTM AG, AUSTRIA					
THIS 2024 HQV7680693 MOTORCYCLE, 270.05.182.000 MEETS EPA					
NOISE EMISSION REQUIREMENTS OF 80 dBA AT 4675 RPM BY THE					
FEDERAL TEST PROCEDURE. MODIFICATIONS WHICH CAUSE THIS					
MOTORCYCLE TO EXCEED FEDERAL NOISE STANDARDS ARE					
PROHIBITED BY U.S. FEDERAL LAW. SEE OWNER'S MANUAL.					
<b>Motorcycle Type :</b> 701 Enduro				M02198-10	

Information, noise emission

Husqvarna® MFD. BY KTM AG AUSTRIA				DATE	09/23
MOTOR CYCLE					
GVWR	771 lbs	350 kg			
GAWR FRONT	331 lbs	150 kg WITH	90/90-21 TIRE,	54S TYPE,	
	1.85-21 RIM, AT	26 psi	1.8 bar COLD		
GAWR REAR	441 lbs	200 kg WITH	140/80-18 TIRE,	70R TYPE,	
	2.50-18 RIM, AT	26 psi	1.8 bar COLD		
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY					
STANDARDS IN EFFECT ON THE DATE OF MANUFACTURER SHOWN ABOVE.					
<b>DUMMY*</b>				M02183-01	

Type label, USA

MANUFACTURED BY/FABRIQUÉ PAR: KTM AG					
GVRP/PNBV: 350 KG		DATE: 09/23			
V.I.N./N.I.V.: DUMMY*					
TYPE: MC					
GAWR/PNBE		TIRE/PNEU-DIMENSION-RIM/JANTE		COLD INFL. PRESS PRESS. DE GONFL. À FROID	
1st	150 KG	90/90-21	1.85x21	26	180
2nd	200 KG	140/80-18	2.50x18	26	180
THIS VEHICLE CONFORMS TO ALL APPLICABLE STANDARDS PRESCRIBED UNDER THE CANADIAN MOTOR					
VEHICLE SAFETY REGULATIONS IN EFFECT ON THE DATE OF MANUFACTURE - CE VÉHICULE EST CONFORME					
À TOUTES LES NORMES QUI LUI SONT APPLICABLES ES VERTU DU RÈGLEMENT SUR LA SÉCURITÉ					
DES VÉHICULES AUTOMOBILES DU CANADA EN VIGUEUR À LA DATE DE SA FABRICATION M02184-01					

Type label, Canada

VEHICLE EMISSION CONTROL INFORMATION					
Husqvarna® MANUFACTURER: KTM AG, Mattighofen, Austria. IMPORTER: KTM NORTH AMERICA, INC.					
ENGINE DISPLACEMENT	693 cc	ENGINE EXHAUST EMISSION CONTROL SYSTEM:	TWC, TBL, PAK, MO2		
ENGINE FAMILY:	693cc, 4-cyl, DOHC, 60°85MM				
EVAPORATIVE FAMILY:	BNX70014EM				
PERMUTATION FAMILY:	BNXZP104Z27				
MODEL NAME:	701 Enduro				
THIS VEHICLE CONFORMS WITH US EPA AND CALIFORNIA REGULATIONS APPLICABLE TO					
2024 MODEL YEAR NEW MOTORCYCLES AND IS CERTIFIED TO					
0.6 g/km HC+NOx, 12.0 g/km CO EXHAUST EMISSION STANDARDS IN CALIFORNIA					
ENGINE TUNEUP SPECIFICATIONS:					
IGNITION TIMING:	NON ADJUSTABLE				
IDLE SPEED:	1600 +/- 50 RPM IN NEUTRAL				
IDLE MIXTURE:	NON ADJUSTABLE				
VALVE CLEARANCE:	0.10 - 0.15 mm INTAKE 0.22 - 0.27 mm EXHAUST				
SPARK PLUG:	NGK LKR4B-10, outer NGK LMAR7D-10				
SPARK PLUG GAP:	1.0 mm				
FUEL:	UNLEADED GASOLINE ONLY - 91 (R+M)/2 OCTANE OR HIGHER				
OIL:	SAE 10 W 50				

M02185-01

Information, emission control