



MASSEY FERGUSON



8600 Series

8650

8660

8670

8680

8690

QUICK REFERENCE GUIDE

**Lubricants • Filters • Electrical • Drivetrain
Brake Parts • Hydraulic System
Cooling System • Wipers • Paints
Camera Systems • Lighting • Loaders
Radios • RAM Mounts • Seats • Weights**



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MASSEY FERGUSON

8600 SERIES

8650, 8660, 8670, 8680, 8690

AGCO Parts offers the industry's leading warranty with 12 months on dealer installed and over the counter parts and 6 months on labor for genuine AGCO parts installed by our AGCO dealer.

FLUIDS & LUBRICANTS CAPACITIES

Diesel Fuel	92.5 gal. / 350 L
Diesel Fuel Additional Tank	74 gal. / 280 L
Engine Oil (A)	5.5 gal. / 21 L
Linkage Cover Plate (A)	0.1 gal. / 0.5 L
Diesel Exhaust Fluid (DEF) (B)	15.9 gal. / 60 L
Transmission & Rear Axle (C)	22.5 gal. / 85 L
Auxiliary Hydraulics (C)	29.1 gal. / 110 L
Front Axle Beam Fixed (D)	
Model: 770/504	4.0 gal. / 15 L
Model: 770/510	3.7 gal. / 14 L
Front Axle Beam Suspended (D)	
Model: 770/618	3.8 gal. / 14.5 L
Model: 770/624	3.7 gal. / 14 L
Front Axle Final Drives (Each Side) Fixed (D)	
Model: 770/504	1.8 gal. / 7 L
Model: 770/510	1.6 gal. / 6 L
Front Axle Final Drives (Each Side) Suspended (D)	
Model: 770/618	1.8 gal. / 7 L
Model: 770/624	1.6 gal. / 6 L
Rear Final Drives (Each Side) (E)* See Models	3.7 gal. / 14 L
Cooling System (F)	9.1 gal. / 34.5 L
Front PTO (G)	0.9 gal. / 3.5 L
Clutch Fluid (H)	0.2 gal. / 0.6 L

RECOMMENDED FLUIDS & LUBRICANTS

(A) MultiGuard SAE 15W-40	
1 qt. / 0.946 L	79036406
1 gal. / 3.78 L	79037112
2.5 gal. / 9.46 L	79034597
5 gal. / 18.9 L	79035353
30 gal. / 113.5 L	79037122
55 gal. / 208 L	79034598
330 gal. / 1,249 L	ACP0022710
(B) DEF – US	
2.5 gal. / 9.46 L	DEF2.5GALP
55 gal. / 208 L	DEF-55DRUM
275 gal. / 1,041 L	DEF275TOTE
330 gal. / 1,249 L	DEF330TOTE
(B) DEF – CANADA	
2.5 gal. / 9.46 L	DEF2.5GLPC
55 gal. / 208 L	DEF55DRUMC
275 gal. / 1,041 L	DEF275TOTC
330 gal. / 1,249 L	DEF330TOTC
(C) Permatran 821XL Plus Extended Life	
2.5 gal. / 9.46 L	79035449
5 gal. / 18.9 L	79036407
55 gal. / 208 L	79035450
330 gal. / 1,249 L	79035451
(D) Gear Lubricant / Axle Oil SAE 80W-90	
1 qt. / 0.946 L	79022402
2.5 gal. / 9.46 L	79014722
55 gal. / 208 L	79014723
330 gal. / 1,249 L	79036959
(E)* Gear Lubricant / Axle Oil SAE 80W-90 (Models 8650, 8660)	
1 qt. / 0.946 L	79022402
2.5 gal. / 9.46 L	79014722
55 gal. / 208 L	79014723
330 gal. / 1,249 L	79036959

= AGCO Reman part is available. Contact your dealer for more information.

(E)* Gear Lubricant / Axle Oil SAE 85W140 (Models 8670, 8680, 8690)	
2.5 gal. / 9.46 L	79014724
55 gal. / 208 L	79022322
330 gal. / 1,249 L	79036960
(F) AGCO Antifreeze and Coolant – US	
1 gal. / 3.78 L	79022729
55 gal. / 208 L	79023022
(F) AGCO Antifreeze and Coolant – CANADA	
1 gal. / 3.78 L	79022730
55 gal. / 208 L	79022731
(G) PowerFluid 411	
1 qt. / 0.946 L	79014716
2.5 gal. / 9.46 L	79014717
5 gal. / 18.9 L	79014718
55 gal. / 208 L	79014720
330 gal. / 1,249 L	79015671
(H) Pentosin CHF 11S Hydraulic Oil	
1 qt. / 0.946 L	72313538
AGCO Multi-Purpose Lithium II Grease	
14 oz. / 0.397 g	79014728
35 lb / 15.87 kg	79014726
AGCO HI-Temp EP-2 Grease	
14 oz. / 0.397 g	79014733
AGCO MOLY EP Grease	
14 oz. / 0.397 g	79017915
FILTERS	
Fuel Filter Kit	V837091129
Fuel Filter Water Alarm	V837074054
Engine Oil Filter	V836862582
Oil Pump Suction Filter Element	72312070
Hydraulic Suction Filter	72451824
Hydraulic Valve Block Pressure Filter	72311028
Auxiliary Hydraulic Filter	4285174M1
Front PTO Filter	3907525M1
DEF Filter Kit	V837091530
CCV Filter	V837073734
Primary Air Filter Element	4286479M2
Secondary Air Filter Element	72437627
Cab Air Filter (2)	4284929M2
Hydraulic Air Filter	4285858M1
ELECTRICAL	
Field Start Battery – US	79037013
Field Start Battery – CAN	79037014
Starter Motor	4288991M4
Alternator (2)	4287014M4
Up to Serial or Engine Number D340021	
Alternator (2)	4357550M3
From Serial or Engine Number D340022	
Ignition Key	4297513M91
DRIVETRAIN	
Complete Engine – 8650	V835277210
Complete Engine – 8660	V835277211
Complete Engine – 8670	V835277212
Complete Engine – 8680	V835277213
Complete Engine – 8690	V835277214
Long Block	865291495V
Short Block	865291669X
Engine Overhaul Kit	V837091231
Turbocharger	V836873827

Engine Belt – A/C – Engine without Air Compressor	4287376M2
Engine Belt – A/C – Engine with Air Compressor	4287396M1
Engine Belt – Up to Machine Serial Number D065034 – Models 8650,8660	4349000M1
Engine Belt – From Machine Serial Number D065035 – Models 8650,8660	4385472M1
Engine Belt – Up to Machine Serial Number D077004 – Models 8670,8680,8690	4348738M1
Engine Belt – From Machine Serial Number D077005 – Models 8670,8680,8690	4385473M1
Fuel Injector (6)	V837079432
Fuel Injection Pump	V837073731
Oil Pump	V836874208

BRAKE PARTS

Brake Disc Inner (12)	72437494
Brake Disc Outer (8)	72619314
Brake Operating Disc (2)	72452477
Brake Caliper (2)	72488835

HYDRAULIC SYSTEM

Hydraulic Pump – Axle 8CCM	72451750
Hydraulic Pump – Feed Pump System Comfort	72312399
Hydraulic Pump – Auxiliary 22CCM	4285179M1
Hydraulic Pump – Auxiliary 75CCM	4299408M2

COOLING SYSTEM

Radiator	4285470M4
Oil Cooler – Engine	V836855484
Oil Cooler – Transmission	4285539M3
Oil Cooler – Auxiliary Hydraulics	4287707M2
Fuel Cooler	4352466M2
Air Cooler	4285534M1
Water Pump	V837091189
Water Pump Repair Kit	V837079108
Thermostat – Water Pump 79°C	V836015156
Thermostat – Water Pump 83°C	V836331590

WIPERS

Wiper Blade – Front	4295433M1
Wiper Blade – Rear	4278556M2
Wiper Arm – Front	4295432M1
Wiper Arm – Rear	4275050M1
Wiper Motor – Front	4294850M2
Wiper Motor – Rear	4294854M2

PAINTS

MF-50 Red (Sheet Metal)	
Aerosol	79033123
1 qt. / 0.946 L	79033126
Tec Gray 85 2013–Present (Chassis)	
Aerosol	ACP0135180
1 qt. / 0.946 L	ACP0252110
Corporate Wheel Gray (Wheels)	
Aerosol	79016947
1 qt. / 0.946 L	79037153

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Please note: AGCO Quick Reference Guides are for reference only. While we make every effort possible to display accurate and current information, the parts book should be consulted to verify accuracy.

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When applicable, accessories are listed and color coded as ★ **Good**, ★★ **Better**, and ★★★ **Best** options.

CAMERA SYSTEMS

★	1 Camera – OverView Camera System	DMOV-7M-C1
★	2 Camera – OverView Camera System	DMOV-7M-C2
★	Quad Split – OverView 2 Camera System	DMOV-7MQC2
★★	1 Camera – AgCam Analog HD Camera System – 7" Monitor	AG-H7C1P
★★	1 Camera – AgCam Analog HD Camera System – 9" Monitor	AG-H9C1P
★★	Quad Split – AgCam Analog HD 2 Camera System	AG-H9QC2P
★★★	1 Camera – EnduraCam Camera System – 7" Monitor	DMEC-H7C1
★★★	1 Camera – EnduraCam Camera System – 9" Monitor	DMEC-H9C1
★★★	Quad Split – EnduraCam Camera System	DMEC-H9QC2

LIGHTING

Add on suggestions. For OE replacement lights consult your parts book.

Grote	
T26 Near (Pendant)	GR64G11
T26 Far (Pendant)	GR64G01
Oval 2500 (Flood)	GR63J01
Oval 1200 (Flood)	GR63F81
Ag Lamp System Kit	GR01993670

See the *Warning and Hazard Lights Brochure* for additional product options.

Hy-Capacity

CREE LED Flood Beam Rear Cab Lamp	HM4288656
Bridgelux LED Flood Beam Mid-Body and Rear Fender Lamp	HM4291311

LOADER OPTIONS

	988	985X
LoaderLight	AL5048217	N/A
SoftDrive Load Damping	AL5220655	AL5034241
Selecto-Fix - implement hydraulic connection - loader side	AL10550380	AL10550380
Selecto-Fix - implement hydraulic connection - implement side	AL10550180	AL10550180
Hydraulic Implement Lock	AL5220695	AL5220695
Q-companion	ACP0428050	N/A

RADIOS**PanaPacific**

★	Panasonic: CD, MP3 – Harness PP205250 included	CQCX160U
★★	Delphi: Backup Clock, Steering Control, iPod Control, USB, WB	PP105711
★★★	Delphi: Backup Clock, Steering Control, iPod Control, USB, WB, CD, MP3, Satellite Radio, SiriusXM-Integrated, Bluetooth – Microphone and Antenna Required*	PP105715

*PP604240 - Microphone kit, adhesive tape, 7-1/2' cable OR PP603846 - Microphone Kit, instrument panel mount, 12' cable. PP802170 - Roof-mount satellite radio antenna with 12' cable OR PP802458 - Mirror-mount satellite radios antenna with 9' cable & 6' extension cable.

RADIOS - CONTINUED

REI**		
★	Equipped with: USB, WB, MP3 – requires harness	RE701196D6
★★	Equipped with: USB, WB, MP3, CD – requires harness	RE710439D6
★★★	Equipped with: Backup Clock, iPod Control, USB, WB, MP3, CD, Bluetooth with Integrated Microphone	RE710475D6

**All radios require either a loose wire harness for a 2 speaker cab system - RE511834 OR a loose wire harness for a 4 speaker cab system - RE512202 - (May not be needed in models 2013 to current).

RAM MOUNTS

Tablet – Claw Mount	79037058
Tablet – Double Suction Mount	79037059
Cell Phone – XGRIP – Claw Mount	79037060
Cell Phone – XGRIP – Suction Mount	79037061
Cup Holder – Claw Mount	79037336

SEATS

Upgrade suggestions. For OE seats consult your parts book.

Sears		
★	Low profile AG air suspension seat – fore/aft isolator	SR40281
★★	Low profile AG air suspension seat – fore/aft & lateral isolator	SR40283
★★★	Active VRS AG air suspension seat – semi-active dampening option	SR40286

Hy-Capacity

Grammar – Black fabric seat with air suspension	S8301699
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WEIGHTS**OE MF8600 Series**

Front Weight – 55 KG	3784628M93
Front Weight – 60 KG	3784591M2
Front Weight – 600 KG	4291403M1
Front Weight – 850 KG	4291400M95
Front Weight – 1450 KG	4291401M95
Rear Wheel Weight – 250 KG	4290866M3
Belly Weight – 345 KG	4286649M3

Aftermarket MF8600 – Wheel Weights

Consult Weight Catalog for Part # by hole pattern and wheel size.

Front Weight – 96 LB – Use Factory Bracket 4286910M2	79018802
Front Weight – 123 LB – Use Factory Bracket 4286910M2	79037063
Rear Wheel Weight – 500 LB	79034151
Rear Wheel Weight – 550 LB	79037397

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