

Challenger®



MT700 SERIES

MT738

MT740

MT743

QUICK REFERENCE GUIDE

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



Genuine Starts Here.

Genuine Parts. Genuine Service. Genuine Reliability.

Only genuine AGCO parts have the precise fit, reliability, and quality to keep your equipment operating at peak performance.

From our factory-trained technicians to our industry leading parts availability, no one knows your equipment better. We don't compromise on quality or performance, and neither should you.



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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 – Left Fender	66.5 gal./251.8 l
Diesel Fuel – Right Fender	65.7 gal./248.9 l
Diesel Fuel – Main	47.4 gal./179.5 l
Diesel Engine Oil (A)	9.2 gal./34.8 l
Diesel Exhaust Fluid (DEF) (B)	18.8 gal./71 l
Transmission (C)	29.1 gal./110 l
Implement Hydraulics (D)	39.6 gal./150 l
Fan Drive System (D)	4.9 gal./18.3 l
Final Axle Drives (Each Side) (E)	4.7 gal./18 l
Front Idler Hub (F)	20 fl oz./590 ml
Midwheel Hub (F)	5 fl oz./160 ml
Drive Wheel Hub (F)	0.4 gal./1.4 l
Cooling System (G)	11.1 gal./42.2 l
RECOMMENDED FLUIDS & LUBRICANTS	
(A) MultiGuard SAE 15W-40 (Temp Range: 4° to 104°F)*	
*Please refer to Operator Manual for alternate operating temperature ranges.	
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) Permatran 821XL	
1 qt./0.946 l	79037106
1 gal./3.78 l	79037107
2.5 gal./9.46 l	79037108
5 gal./18.9 l	79037109
30 gal./113.5 l	79037110
55 gal./208 l	79037111
330 gal./1,249 L	79037113
(E) Gear Lubricant / Axle Oil SAE 85W140	
2.5 gal./9.46 l	79014724
55 gal./208 l	79022322
330 gal./1,249 l	79036960
(F) Synthetic Final Drive and Axle Oil SAE 50	
1 gal./3.78 l	79034867
(G) AGCO Antifreeze and Coolant Extended Life	
Silicate and Nitrite Free – US	
1 gal./3.78 l	ACP0313850
Silicate and Nitrite Free – CANADA	
1 gal./3.78 l	ACP0313860
Multi-Purpose Lithium II Grease	
14 oz./0.397 g	79014728
35 lb/15.87 kg	79014726

HI-Temp EP-2 Grease	
14 oz./0.397 g	79014733
MOLY EP Grease	
14 oz./0.397 g	
FILTERS	
Fuel Filter Kit	V837091129
Fuel Tank Cap Filter Kit	500143D1
Fuel Filter Water Alarm	V837074054
Engine Oil Filter	V837074523
Hydraulic Filter – Implement	587595D1
Hydraulic Filter – Case Drain	587596D1
Hydraulic Filter – Fan Drive	587603D1
Hydraulic Breather – Fan Drive	587604D1
Hydraulic Charge Filter	563588D1
Hydraulic Steering Filter	501771D1
DEF Filter Kit	V837091530
CCV Filter	V837073734
Primary Air Filter Element	568310D1
Secondary Air Filter Element	568311D1
Cab Air Filter – Fresh Air Intake	71484324
Cab Air Filter – Recirculation	71468247
ELECTRICAL	
Field Start Battery – US	79018975
Field Start Battery – CAN	79016110
Starter Motor	569018D1
Alternator – Clockwise	603486D1
Alternator – Counter Clockwise	603487D1
Ignition Key	71468224
DRIVETRAIN	
Complete Engine	865477863Y
Long Block	V865491643V
Short Block	865491613X
Engine ECU Kit	V837091132
Turbocharger – High Pressure	V837091235
Turbocharger – Low Pressure	V837091237
Engine Belt – Alternator	595095D1
Engine Belt – A/C Compressor	ACW3521270
Engine Belt – Engine without Air Compressor	589366D1
Engine Belt – Engine with Air Compressor	581083D1
Fuel Injector (7)	V837079827
Fuel Injection Pump	V837074805
Oil Pump	V836874208
BRAKE PARTS	
Brake Pad – Rear Suspension Right Hand	72629802
Brake Pad – Rear Suspension Left Hand	72629800
Brake Disc Inner – Rear Suspension	72629805
Brake Piston – Rear Suspension	72629799
HYDRAULIC SYSTEM	
Hydraulic Gear Pump	72629827
Hydraulic Pump – Fan Drive	602760D1
Hydraulic Pump – Implement 85CC	ACW2868720
Hydraulic Pump – Implement Charge (No Relief)	584242D1
Hydraulic Pump – Implement Charge (With Relief)	584243D1
Steering Pump – 85CC	584240D1
Steering Pump – 110CC	584251D1

COOLING SYSTEM	
Radiator	599814D1
Oil Cooler – Engine	V837084028
Oil Cooler – Hydraulic	604665D1
Water Pump Kit	V837079850
Water Pump Repair Kit	V837091166
Thermostat – Water Pump -79°C Single Acting	V836015156
Thermostat – Water Pump -83°C Double Acting	V837084949
UNDERCARRIAGE	
Midroller Wheel – Medium Width (6)	581681D2
Midroller Wheel – Wide Width (6)	581685D2
Idler Wheel – Narrow Width (4)	504781D1
Idler Wheel – Medium Width (4)	504782D1
Idler Wheel – Wide Width (4)	504784D2
Driver Wheel – Right Narrow Width (2)	504785D1
Driver Wheel – Right Medium Width (2)	504787D1
Driver Wheel – Right Wide Width (2)	504789D1
Driver Wheel – Left Narrow Width (2)	504786D1
Driver Wheel – Left Medium Width (2)	504788D1
Driver Wheel – Left Wide Width (2)	504790D1
WIPERS	
Wiper Blade – Front	501688D1
Wiper Blade – Rear	4278556M2
Wiper Blade – Side	593136D1
Wiper Arm – Front	501565D1
Wiper Arm – Rear	588852D2
Wiper Arm – Side	593135D1
Wiper Motor – Front	522250D1
Wiper Motor – Rear	596447D1
Wiper Motor – Side	593134D1
PAINTS	
Challenger Yellow 2013 – Present (Sheet Metal)	
Aerosol	79036676
1 qt.	ACP0146530
1 gal.	ACP0146540
Fendt Gray (Chassis)	
Aerosol	79017754
1 qt.	79037155
Sapphire Gray - 2013 – Present (Wheels)	
Aerosol	79036678
1 qt.	ACP0345560

You bought the best.
Service it with the best.



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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			RAM MOUNTS
★ 1 Camera – OverView Camera System		DMOV-7M-C1	Tablet – Claw Mount
★ 2 Camera – OverView Camera System		DMOV-7M-C2	Tablet – Double Suction Mount
★ Quad Split – OverView 2 Camera System		DMOV-7MQC2	Cell Phone – XGRIP – Claw Mount
★★ 1 Camera – AgCam Analog HD Camera System – 7" Monitor		AG-H7C1P	Cell Phone – XGRIP – Suction Mount
★★ 1 Camera – AgCam Analog HD Camera System – 9" Monitor		AG-H9C1P	Cup Holder – Claw Mount
★★ 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			SEATS
Add on suggestions. For OE replacement lights consult your parts book.			Upgrade suggestions. For OE seats consult your parts book.
Grote			Sears
T26 Near (Pendant)	GR64G11	★ Low Profile Ag Air Suspension Seat – Fore/Aft Isolator	SR40281
T26 Far (Pendant)	GR64G01	★★ Low Profile Ag Air Suspension Seat – Fore/Aft & Lateral Isolator	SR40283
Oval 2500 (Flood)	GR63J01	★★★ Active Vrs Ag Air Suspension Seat – Semi-Active Dampening Option	SR40286
Oval 1200 (Flood)	GR63F81		
Ag Lamp System Kit	GR01993670		
See the Warning and Hazard Lights Brochure for additional product options.			WEIGHTS
Hy-Capacity			Counterweight – 100 LB
Black Matte LED Rechargeable Handheld Shop Light, with Heavy Duty Magnetic Base		8302061	202-9220
RADIOS			Counterweight – 125 LB
PanaPacific			Weight – 810 KG
★ Panasonic: CD, MP3 – Harness PP205250 included	QCX160U		580851D1
★★ Delphi: Backup Clock, Steering Control, iPod Control, USB, WB	PP105711		599797D3
★★★ 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.			
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).



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