

Challenger



MT500E SERIES

MT515E

MT525E

MT535E

MT545E

QUICK REFERENCE GUIDE

Lubricants • Filters • Electrical • Drivetrain
Brake Parts • Hydraulic System
Cooling System • Wipers • Paints
Camera Systems • Lighting • Loaders • 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	WITH AUTOPOWER	WITH TECHSTAR CVT
Diesel Fuel	64.7 gal. / 245L	64.7 gal. / 245L
Diesel Fuel Additional Tank	15.9 gal. / 60L	15.9 gal. / 60L
Engine Oil (A)	4.9 gal. / 18.5L	6.1 gal. / 23.25L
Diesel Exhaust Fluid (DEF) (B)	7.9 gal. / 30L	7.9 gal. / 30L
Transmission and Axles (C)	AutoPower IV Min: 15.1 gal. / 57L Max: 17.2 gal. / 65L AutoPower VI Min: 14.8 gal. / 56L Max: 18.5 gal. / 70L	16.9 gal. / 64L
Auxiliary Hydraulics (C)	---	26.4 gal. / 100L
Front Axle Beam & Final Drive (D)	Capacity Varies: Refer to Operators Maintenance Manual	
Rear Final Drives (E)		
Cooling System (F)	6.1 gal. / 23.25L	6.1 gal. / 23.25L

RECOMMENDED AGCO PARTS 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 15W-40	
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 gal. / 3.78 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 85W-140	
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
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 Wrench	V837079717
Fuel Filter Water Alarm	V837074054
Engine Oil Filter	V836679586
Hydraulic Load Sensing Filter – Right Cover (Models w/ AutoPower)	4312614M1
Hydraulic Load Sensing Filter – Left Cover (Models w/ AutoPower)	3790002M1
Hydraulic Oil Pump Filter – (Models w/ Techstar CVT)	72421731
Hydraulic Filter – Auxiliary (Models w/ Techstar CVT)	3909472M91
Hydraulic Front Suspension Valve Block Filter (3)	72317851
PTO Filter	3907525M1
DEF Filter Kit	V837091530
CCV Filter	V837084883
Primary Air Filter Element	4286473M2
Secondary Air Filter Element	72437627
Cab Air Filter	4378102M1
BELTS	
Belt – On All Models	4390529M2
Belt – Models w/1 Alternator	4390525M1
Belt – Models w/2 Alternators	4388284M1
ELECTRICAL	
Field Start Battery – US	79037009
Field Start Battery – CAN	79037010
Starter Motor	3823621M96
Alternator – Models w/ 1 Alternator	4357844M4
Alternator – Models w/ 2 Alternators	4357550M3
Ignition Key	4297515M91

DRIVETRAIN	
Turbocharger Kit	V837079922
Fuel Injector (6)	V837079827
Fuel Injection Pump	V837074805

BRAKE PARTS	
Brake Disc - Models w/ AutoPower MT515E/MT525E/MT535E/MT545E (2)	4312244M1
Brake Disc - Models w/ AutoPower (50 kph tractor) MT525E/MT535E/MT545E (2)	4313379M1
Brake Disc Inner – Models w/ Techstar CVT (10)	72600434
Brake Disc Outer – Models w/ Techstar CVT (6)	72613693
Brake Caliper – Models w/ Techstar CVT (2)	72442508

HYDRAULIC SYSTEM	
Hydraulic Pump – Left Cover – Models w/ AutoPower	4364603M2
Hydraulic Pump – Right Cover – Models w/ AutoPower	3716370M5
Hydraulic Wheel Pump – Models w/ Techstar CVT	72611601
Hydraulic Piston Pump – Models w/ Techstar CVT – 45cc	72617351
Hydraulic Piston Pump – Models w/ Techstar CVT – 85cc	4379829M1

COOLING SYSTEM	
Radiator	4351075M3
Hydraulic Oil Cooler	ACW006529A
Water Pump	V837091197
Water Pump Repair Kit	V837091074
Thermostat – Water Pump 79°C Single Acting	V836015156
Thermostat – Water Pump 83°C Double Acting	V836331590

WIPERS	
Wiper Blade – Front	4295433M1
Wiper Blade – Rear	4275049M1
Wiper Arm – Front	4295432M2
Wiper Arm – Rear	4275050M1
Wiper Motor – Front	4294850M2
Wiper Motor – Rear	4275051M1

PAINTS	
Challenger Yellow 2013 – Present (Sheet Metal)	
Aerosol	79036676
1 qt. / 0.946 L	ACP0146530
1 gal. / 3.78 L	ACP0146540
Fendt Gray (Chassis)	
Aerosol	79017754
1 qt. / 0.946 L	79037155
Silver Mist Gray 2013 – Present (Wheels)	
Aerosol	ACP0135020
1 qt. / 0.946 L	ACP0135030

You bought the best.
Service it with the best.



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

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 & Rear Fender Lamp	HM4291311
★★★	JW Speaker LED Flood Beam Lamp	8302240

LOADER OPTIONS

	Loader Light	ACP0351720
	Loader Light Switch Kit – Includes wiring harness. Required on units not equipped with the Q-companion.	ACP0297690
	Selecto-Fix – Implement hydraulic connection – Loader side	ACP0297630
	Selecto-Fix – Implement hydraulic connection – Implement side	AL10550180
	SoftDrive Shock Absorber	ACP0351710
	Q-companion	ACP0396130

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

WEIGHTS

OE – MT500 Series – 515E, 525E, 535E, 545E

	Wheel Weight – 250 KG	4290866M3
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OE – MT500 Series – 515E, 525E, 535E

	Weight – 265 KG	4281469M1
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OE – MT500 Series – 545E

	Weight – 900 KG	4385284M98
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Aftermarket MT500 Series – 515E, 525E, 535E, 545E – Front End Weights

	Weight – 100 LB - Max of 15 - Factory Bracket	79024936
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Aftermarket MT500 Series – 515E, 525E, 535E, 545E – Wheel Weights Consult Weight Catalog for Part # by hole pattern and wheel size.

	Weight – 108 LB	79018833
	Weight – 125 LB	79018834
	Weight – 281 LB	79037225
	Weight – 500 LB	79034151

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