

MODOT EAGLE OPTIONS

Part No.	Options for Dual waterless Eagle	Add/Delete
special	MODOT SPECIAL ARROW BOARD FOR EAGLE	\$6,500.00
special	FRONT SPRAY BAR	\$275.00
1054361	SIDE BROOM TILT - RIGHT	\$750.00
1054362	SIDE BROOM TILT - LEFT	\$750.00
1090605	AM/FM/CD RADIO	\$500.00
1091284	PAINT OUTSIDE CAB- YELLOW CHASSIS	\$1,850.00
1082364	RESUME SWEEP AFTER TRANSPORT	\$475.00
Speical	COMPLETE 304 STAINLESS STEEL HOPPER	\$5,500.00
special	FRONT AND REAR LED STROBES W/GUARDS	\$1,000.00
special	ALTERNATING FLUSH MOUNT LED STROBES AT REAR	\$800.00
1091286	RH/LH HTD REMOTE MIRRORS-Freightliner	\$1,500.00
special	PAINT SWEEPER RAL1037 YELLOW	\$0.00
1078563	SHUTDWN-OILPRSS/CLTEMP/ Hyd oil level	\$250.00
1061150	AUTO LUBE-SWEEPER (DUAL)-F	\$3,600.00
702126	EAGLE SERVICE MANUAL	\$100.00
Special	(2) BOSTROM MID-BACK VINYL AIR SUSPENSION SEATS	\$900.00
Included	FREIGHTLINER M2/106 CHASSIS*	\$74,000.00
	*Only chassis available for Single Engine Unit	
	CNG Power & Tanks for Single Engine Unit in lieu of Diesel	\$88,000.00
Special	AUTOCAR EXPERT CAB-OVER CHASSIS	\$98,000.00

-----ALARMS-----

1104970	HOPPER UP CONSTANT ALARM	\$355.00
1101528	LATCHING ELEVATOR REVERSE AND ALARM	\$385.00
1117644	ECCO SA940 SMART ALARM (ILO of STD)	\$270.00
1104705	HOPPER FULL INDICATOR	\$770.00

-----AUTO LUBE-----

1101559	AUTO LUBE-SWEEPER (DUAL)	\$4,835.00
1101560	AUTOLUBE - SWEEPER & TRUCK	\$7,040.00

-----AUTO SHUTDOWN-----

1101380	HIGH TEMPERTURE HYDRAULIC OIL - SHUTDOWN	335.00
1102798	HYDRAULIC LEVEL SHUTDOWN	345.00

-----BROOMS-----

1058158	STRIP MAINBROOM (URB)	\$250.00
1077151	URB STRIP MAINBROOM W/CENTER SWEEP MANDREL	\$250.00
1116786	VARIABLE SPEED	\$2,240.00
1096691	DEDUCT MAINBROOM & CORE	-\$435.00
1118838	MAINBROOM SPRING SUSPENSION (NOT COMPATIBLE WITH HYDRAULIC CONTROL SIDEBROOMS)	N/C
1118869	HYDRAULIC CONTROL SIDEBROOMS (COMPATIBLE WITH CONVENTIONAL CHASSIS ONLY)	N/C
1117850	HYDRAULIC CONTROL SIDEBROOMS (COMPATIBLE WITH CABOVER CHASSIS ONLY)	N/C
1109605	EXTENDED REACH RIGHT HAND SIDEBROOM (AUTOCAR & PETERBILT CHASSIS)	\$1,345.00
1105519	EXTENDED REACH RIGHT AND LEFT HAND SIDEBROOMS (AUTOCAR & PETERBILT CHASSIS)	\$1,890.00
1120361	EXTENDED REACH RIGHT HAND SIDEBROOM (M2 & IH CHASSIS)	\$1,345.00
1120782	EXTENDED REACH RIGHT AND LEFT HAND SIDEBROOMS (M2 & IH CHASSIS)	\$1,890.00

MODOT EAGLE OPTIONS

-----CONVEYOR/ELEVATOR-----

1106049	HEAVY DUTY LOWER ROLLER	\$1,000.00
1118107	HIGH SPEED CONVEYOR MOTOR	\$455.00
1120662	SQUEEGEE CONVEYOR (ILO STANDARD RUBBER BELT)	N/C

-----DECALS-----

1102783	RED LOGO/SWOOSH-EAGLE	N/C
1102784	WHITE LOGO/SWOOSH - EAGLE	N/C
1122929	SHIP DECALS AND SWOOSH LOOSE IN HOPPER	N/C

-----GAUGES-----

1101379	BROOM HOUR METERS	\$370.00
1111656	HYDRAULIC OIL TEMPERTURE DISPLAY (IN CAB)	\$345.00
1119940	IN-CAB AUXILIARY ENGINE AIR RESTRICTION GAUGE	\$755.00

-----HOPPER-----

1120240	HOPPER INTERIOR LED LIGHT	\$800.00
1101951	STAINLESS STEEL HOPPER	\$9,005.00
1115491	EXTENDED HOPPER CHUTE	\$980.00

-----EXTRA MANUALS-----

0701682	EAGLE OPERATORS MANUAL	\$50.00
0702462	EAGLE SERVICE MANUAL	\$95.00
0702242	EAGLE PARTS BOOK	\$125.00
0704072	CUMMINS OPERATORS & MAINTENANCE MANUAL	\$130.00
0704073	CUMMINS TROUBLESHOOTING MANUAL	\$175.00

----LIFE LINER SYSTEM----

1104503	LIFELINER HOPPER SYSTEM W/WARRANTY	\$4,505.00
1115546	LIFELINER HOPPER SYSTEM W/WARRANTY - LONG CHUTE	\$980.00

-----LIGHTS-----

1103553	PACKAGE 1 : SINGLE REAR/SINGLE HOPPER BEACON; LED WITH GUARD	\$1,930.00
1103533	PACKAGE 2 : DUAL REAR/SINGLE HOPPER BEACON; LED WITH GUARD	\$2,635.00
1103536	PACKAGE 3 : DUAL REAR/SINGLE HOPPER BEACON; LED WITH GUARD & LED ARROWSTICK	\$4,060.00
1104618	PACKAGE 4 : SINGLE REAR/SINGLE HOPPER MOUNT AND GUARD W/O BEACONS	\$1,570.00
1104619	PACKAGE 5 : DUAL REAR/SINGLE HOPPER MOUNT AND GUARD W/O BEACONS	\$1,955.00
1102735	LED STOP/TAI/TURN/REAR ID/CLEARANCE LIGHTS	\$340.00
1102759	REAR MOUNTED LED ARROWSTICK	\$1,700.00
1102736	(2) REAR LOW MOUNTED OVAL AMBER LED FLASHERS	\$455.00
1103898	(2) REAR HIGH MOUNTED OVAL AMBER LED FLASHERS	\$560.00
1104481	ARROWBOARD - REAR	\$2,020.00
1114836	(3) LED WORK LIGHTS (1 EACH SIDE BROOM, 1 ON MAINBROOM)	\$495.00
1114837	(4) LED WORK LIGHTS (1 EACH SIDE BROOM, 2 ON MAINBROOM)	\$795.00

-----PM10-----

1116589	PM10 COMPLIANT (RULE 1186)	\$3,060.00
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MODOT EAGLE OPTIONS

-----SAFETY-----

1101037	SLOW MOVING VEHICLE SIGN	\$150.00
1104991	REMOVE REAR CAMERA	N/C
SPECIAL	LEFT HAND SIDE CAMERA IN ADDITION TO STD REAR	\$575.00
9306848	TRIANGLE REFLECTIVE FLARES (3)	\$75.00

-----SWEEP COMPONENTS--

1116574	CARBIDE DIRT SHOES (ILO RUBBER)	\$820.00
1116575	RUBBER MOUNTED CARBIDE DRAG SHOES TWO-ROW (ILO RUBBER)	\$765.00
1100656	SIDEBROOM TILT - RIGHT	\$1,200.00
1100660	SIDEBROOM TILT - LEFT	\$1,200.00
1117070	SIDEBROOM TILT - RIGHT W/INDICATOR	\$1,200.00
1117071	SIDEBROOM TILT - LEFT W/INDICATOR	\$1,200.00
SPECIAL	SQUEEGEE CONVEYER (ILO CLEATED BELT)	N/C

-----SWEEPER ENGINE-----

1120322	AUXILIARY ENGINE BATTERY DISCONNECT SWITCH	\$505.00
6063004	EXTRA KEY	\$45.00
1102752	SY-KLONE AUX ENGINE PRECLEANER	\$635.00
1119563	BLOCK HEATER	\$440.00
1036150	HYDRANT WRENCH	\$85.00

-----WATER-----

1032484	25' WATER FILL HOSE (ILO 16' 8")	\$190.00
1108830	AIR PURGE FOR WATER SYSTEM	\$375.00

-----PAINT-----

SPECIAL	SWEEPER PAINTED RAL 1023, 1037, 3020, 1018	\$510.00
SPECIAL	SWEEPER PAINTED ANY OTHER RAL COLOR	\$1,250.00
SPECIAL	SWEEPER PAINTED NON RAL	\$3,790.00

----- M2 CHASSIS OPTIONS -----

0704005	M2 PARTS BOOK	\$395.00
0704006	M2 OPERATOR BOOK	\$45.00
0704007	M2 SERVICE MANUAL	\$320.00
1071235	FUEL CAP SAFETY LOCK	\$215.00
1075400	AM/FM/CD RADIO	\$890.00
1080756	LEFT HAND FENDER MOUNTED MIRROR	\$505.00
1081188	EXTRA KEY	\$45.00
1081365	IN CAB AIR FILTER RESTRICTION INDICATOR	\$830.00
1081747	(2) BOSTROM AIR 905 CLOTH HI-BACK	\$2,010.00
1081748	(1) AIR CLOTH HI-BACK SEAT	\$1,035.00
1103082	(2) AIR SEATS WITH CORDURA CLOTH	\$3,915.00
1081909	SINGLE ARM REST - VINYL (ONLY W/AIR RIDE SEATS)	\$360.00
1081910	DUAL ARM REST - VINYL (ONLY W/AIR RIDE SEATS)	\$680.00
1081911	SINGLE ARM REST - CLOTH (ONLY W/AIR RIDE SEATS)	\$360.00
1081912	DUAL ARM REST - CLOTH (ONLY W/AIR RIDE SEATS)	\$680.00
1081956	DAYTIME RUNNING LIGHTS	\$1,050.00
1090653	DUAL AIR HORN	\$1,530.00
1101567	2 1/2 LB. FIRE EXTINGUISHER	\$210.00
1101568	5 LB. FIRE EXTINGUISHER	\$240.00
1109607	12" CONVEX MIRRORS (ILO STD 8")	\$315.00
1103751	SINGLE CAB MOUNTED BEACON; LED WITH GUARD	\$1,700.00
1117611	FULL WIDTH FRONT SPRAY BAR	\$1,200.00

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1120505	SPARE TIRE / WHEEL	\$1,315.00
1072443	BATTERY DISCONNECT	\$505.00

-----NAVISTAR CHASSIS OPTIONS-----

4820001	CAB STANDARD WHITE	N/C
1063731	NAV CAB PAINTED SPECIAL COLOR	\$3,635.00
1086733	LEFT HAND FENDER MOUNTED MIRROR	\$505.00
1091761	EXTRA KEY	\$55.00
1091770	(2) ELECTRIC & (1) AIR HORN	\$1,840.00
1097641	NATIONAL AIR RIDE SEAT - PASSENGER SIDE - VINYL	\$2,060.00
1097642	NATIONAL AIR RIDE SEAT-PASSENGER SIDE-VINYL W/ARM REST	\$2,200.00
1097643	NATIONAL AIR RIDE SEAT-PASSENGER SIDE - CLOTH	\$2,200.00
1097644	NATIONAL AIR RIDE SEAT-PASSENGER SIDE-CLOTH W/ARM REST	\$2,330.00
1097645	NATIONAL AIR RIDE SEAT - DRIVER SIDE - VINYL	\$2,060.00
1097646	NATIONAL AIR RIDE SEAT-DRIVERS SIDE-VINYL W/ARM REST	\$2,200.00
1097647	NATIONAL AIR RIDE SEAT - DRIVER SIDE - CLOTH	\$2,200.00
1097648	NATIONAL AIR RIDE SEAT - DRIVER SIDE - CLOTH W/ARM REST	\$2,525.00
1099317	(1) ELECTRIC HORN	\$285.00
1091822	AM/FM/CD RADIO	\$890.00
1101567	2 1/2 LB. FIRE EXTINGUISHER	\$210.00
1101568	5 LB. FIRE EXTINGUISHER	\$240.00
1117611	FULL WIDTH FRONT SPRAY BAR	\$1,200.00

----AUTOCAR XPRT CHASSIS OPTIONS----

1107216	RAIN FLAPPER EXHAUST	\$380.00
1107220	2 BATTERIES, 31 ECL, 12V, 1900CCA	\$640.00
1107230	AUTO AIR DRAIN VALVE	\$840.00
1107232	BATTERY DISCONNECT	\$1,330.00
1107236	DUAL UNDERCAB AIR HORN	\$1,325.00
1107238	ISRI HT914 HIGH BACK, AIR RIDE, RH	\$2,075.00
1107239	ISRI HT914 HIGH BACK, AIR RIDE, LH	\$2,075.00
1107243	IN CAB AIR RESTRICTOR	\$540.00
1107244	DAYTIME RUNNING LIGHTS FOR US ONLY	\$525.00
1107245	PAINT OUTSIDE CAB	\$5,985.00
1107247	PAINT WHEEL RIMS	\$1,165.00
1108945	AM/FM RADIO WITH CD	\$890.00
1109244	EXTRA KEY	\$110.00
SPECIAL	SPARE TIRE / WHEEL	\$1,315.00
SPECIAL	VANDALL PROTECTION PACKAGE	\$210.00
1120374	2 1/2 LB. FIRE EXTINGUISHER	\$205.00
1120375	5 LB. FIRE EXTINGUISHER	\$240.00
1116212	2014 AUTOCAR SERVICE MANUAL 2010 EMISSIONS- CD	\$655.00

-----WARRANTY-----

W-ME-NA-2F	EAGLE 2 ND YEAR PARTS/LABOR	\$2,650.00
W-ME-NA-3F	EAGLE 3 RD YEAR PARTS/LABOR	\$4,995.00
W-ME-NA-4F	EAGLE 4 TH YEAR PARTS/LABOR	\$7,105.00
W-ME-NA-5F	EAGLE 5 TH YEAR PARTS/LABOR	\$9,100.00
FRT-111-011	FREIGHT-OH,ST.LOUIS METRO	\$1,530.00

2016 Autocar Expert® Cabover Dual steer chassis specification Eagle

AXLES:

Front - 12,000 lbs. (5,454 kg) with 12,500 lbs. (5,409 kg) springs
 Rear - Two speed 21,000 lbs. (9,545 kg) with 21,000 (9,545 kg) air bag suspension, solid axle during sweep and dump, fully sprung during transport.
 Ratio - 6.17/8.42
 Gross Vehicle Weight Rated (GVWR) - 33,000 lbs. (15,000 kg)

BRAKES:

Service:

Type - Full air, anti-lock
 Front - 16.5 in. x 5 in. (410 mm x 127 mm) drum
 Rear - 16.5 in. x 7 in. (419 mm x 178 mm) drum
 Compressor Capacity - 18.7 CFM
 Dryer - desiccant type, heated
 Auto slack adjusters, front and rear

Parking:

Type - Spring set, air release

CHASSIS:

Manufacturer location: United States
 Model - Elgin

Frame:

Type - Rail, High Strength, 120 KSI, 2.13 M RBM
 Size - 10 in. x 3 in. x 0.375 in. (254 mm x 76 mm x 9.52 mm)

DIMENSIONS: (with sweeper mounted)

Wheelbase - 132 in. (3353 mm)
 Cab to axle - 101 in. (2565 mm) usable
 Overall Length - 283 in. (7188 mm)
 Overall Height - 110 in. (2794 mm) Top of cab
 Overall Width - 96 in. (2438 mm)
 Dumping Clearance Height - 236 in. (5994 mm)
 SAE Turning Radius - 19 ft.6 in. (5944 mm)
 Travel Speed - 65 MPH

ELECTRICAL SYSTEM:

Voltage - 12V
 Alternator - 160 Amp.
 Battery - Two (2) 12 Volt 1500 CCA total - Maintenance Free

ENGINE:

WARNING LIGHTS and CHIMES:

ABS warning light
 Engine control system warning light and buzzer
 Air cleaner mounted restriction indicator
 Hazard warning flasher
 High beam indicator light
 Low air pressure warning light and buzzer
 Low coolant level and overheating warning light and buzzer
 Low oil pressure warning light
 Fuel/water separator warning light
 Parking brake indicator light
 Turn signal indicator lights
 Transmission temperature warning light and buzzer

SEATS:

Mechanical suspension vinyl covered

STEERING:

Type - Full power hydraulic
 Tilt Telescope column in both operator stations
 Dual Steering with LH & RH Complete Gauge Package

TRANSMISSION:

Allison 2500 Series electronic/6 speed overdrive

WHEELS:

Front & Rear - 22.5 in. x 7.5 in. (572 mm x 191 mm)
 hub pilot steel disc

TIRES:

Front & Rear - 11R 22.5
 Load Range G (14 ply rating)

ADDITIONAL FEATURES INCLUDED:

Air Conditioner	Ash
Tray	
Auto Shutdown	
Auto Windows	
Block Heater, 1000 Watt	
Cigar lighter	
Viscous Fan	
Cruise control	
Front Tow Hooks	Intermittent
speed wipers	Interior map light
Manual part trap regen switch	

Manufacturer: Cummins

Model – ISB 6.7

Cylinders - In-Line 6

Displacement - 402 cu. in. (6.7 L)

Horsepower - 200 @ 2400 RPM

Torque - 520 lb. ft. @ 1000 RPM

Oil Filter - Full-flow, spin on type

Oil Capacity -16 qt. (15 L) with filter

Air Cleaner - Single stage, dry type w/ safety element

Fuel Tank Capacity - 50 gal. (189 L)

Fuel Filter/Water Separator

Exhaust – EPA 13 emissions with particulate trap and

Vertical stack L.H. behind cab.

DEF tank - 5 gallons

INSTRUMENTS:

Water temp. Gauge, tachometer, hour meter,
speedometer, oil pressure gauge, voltmeter, fuel level
DEF gauge, air pressure.

Motorized and heated west coast Mirrors with 8. in.

(203 mm) convex

Transmission

Power windows

Radio

install package

Shift control – push button

Tinted Glass—All Windows.

OPTIONAL EQUIPMENT AVAILABLE:

ride suspension seats

Air

Air Cleaner Restriction Indicator –in cab

Air dryer - Bendix D/V-2 auto

Air

horn -Twin

Air

tank drain valves, automatic

Battery disconnect

Batteries 1900 CCA

Cab painted color not Elgin white

Chassis extended warranty

Engine -Cummins ISB 220 hp

Engine -Cummins ISB 240 hp

Engine extended warranty

Engine oil temperature gauge

Engine exhaust brake

LED lighting.

Mirror,

door mounted down view

Transmission extended warranty-Allison

Radio AM/FM CD

Transmission temperature gauge

NOTE: These specifications are subject to change
without notice.



Elgin Sweeper Company

1300 West Bartlett Road

Elgin, IL 60120

Ph: (847) 741-5370

Fax: (847) 742-3035

2016 Freightliner M2 chassis specification for Eagle

AXLES:

Front - 10,000 lbs(4545kg).with 12,000 lbs. (5443 kg) springs
 Rear - Two speed 23,000 lbs. (10455 kg) with 23,000lbs (10455kg) Hendrickson HAS-230 de-flatable air springs for ride quality and dumping stability.
 Ratio – 6.17/8.42
 Gross Vehicle Weight Rated (GVWR) - 33,000 lbs. (15,000 kg)

BRAKES:

Service:

Type - Full air, anti-lock
 Front - 15 in. x 4 in. (38.1 cm x 10.2 cm) drum
 Rear - 16.5 in. x 7 in. (42 cm x 17.8 cm) drum
 Compressor Capacity - 18.7 CFM
 Auto slack adjusters, front and rear
 AD-9 Air dryer

Parking:

Type - Spring set, air release

CHASSIS:

Manufacturer: Freightliner
 Model – M2

Frame:

Type - Rail, High Strength 80,000 PSI, 15.9 section modulus
 Size - 10.9 in. x 3.5 in. x 0.34 in. (28 cm x 8.9 cm x 0.86 cm)

DIMENSIONS: (with sweeper mounted)

Wheelbase - 140 in. (3556 mm)
 Overall length – 281 in. (7137 mm)
 Overall Height - 113 in. (3073 mm) w/o beacon
 Overall Width - 96 in. (2438 mm)
 Dumping Clearance Height - 252 in. (6401 mm)
 Turning Radius – 19 ft. 2 in. (5842 mm) (curb to curb)
 Travel Speed – 65 MPH

ELECTRICAL SYSTEM:

Voltage - 12V
 Alternator - 160 Amp.
 Battery - Two (2) 12 Volt 1850 CCA Maintenance Free

ENGINE:

Manufacturer: Cummins
 Model – ISB 200
 Cylinders - In-Line 6
 Displacement - 409 cu. in. (6.7 L)
 Horsepower - 200 (150 kW) @ 2400 RPM
 Torque - 520 lb. ft. (708 Nm) @ 1600 RPM
 Oil Filter - Full-flow, spin on type

WARNING LIGHTS AND CHIME:

Low coolant level, high coolant temperature, warning lights and buzzer, low air pressure

SEATS:

Two (2) single, high back, black ballistic nylon cloth

DUAL STEERING:

Type - Full power hydraulic
 Size - 18 in. (457 mm) diameter steering wheel with tilt column.

TRANSMISSION:

Allison 2500RDS 5-speed automatic

WHEELS:

Front & Rear - 22.5 in. x 8.25 in. (57.2 cm x 21.0 cm) steel disc type

TIRES:

Front & Rear - 11R 22.5
 Load Range G

ADDITIONAL FEATURES INCLUDED:

Left and right remote control west coast mirrors
 Convex Mirrors (L & R) 8 in. (203 mm) molded in
 under west coast mirrors
 Right hand fender mounted 8" convex mirror

Dual Steering
 Radio install package including harness, speakers and antenna
 Air Conditioner
 Viscous Fan
 Tinted Glass—All Windows
 Engine Hour Meter
 Electric Horn
 Electric Windshield washers with delay
 Cruise Control
 Auto Shutdown
 Blue stripe coolant hoses with constant tension clamps
 750 watt block heater dual
 cup holders Front Tow
 Hooks

OPTIONAL EQUIPMENT AVAILABLE:

AM/FM Radio CD 12"
 Fender mount convex mirrors 8" Left
 fender mount convex mirror In-cab
 air filter restriction indicator
 Battery disconnect
 Daytime running lights

Oil Capacity – 4 us gal.. (15 L) with filter
Air Cleaner – High Capacity dry type with safety element & restriction indicator
Fuel Tank Capacity - 50 gal. (189 L)
Fuel Filter
OBD II diagnostics

INSTRUMENTS (Dual Operating Positions):

Water temperature gauge, tachometer, speedometer with trip odometer, fuel gauge, voltmeter, air pressure, oil pressure, transmission temperature on the left hand side and all FMVSS required gauges on the right hand side.

EXHAUST: - EPA 2013 emissions with on-board diagnostics (OBD), 2010 EPA/CARB/GHG 14. Particulate trap, selective catalytic reduction, 6 gallon diesel emission fluid tank and R.H vertical tailpipe behind cab.

WARNING LIGHTS:

Battery and parking brake

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