

**Autocar MY 2016 4x2 2013 DOT/EPA Compliant Terminal Tractor Standard Specifications**

Engine and Equipment	Standard	Optional
Engine model	Cummins 2013 ISB diesel - 200 HP @ 2600 RPM 520 ft-lb torque @ 1600 RPM	260 HP
Exhaust	Horizontal DPF w/ vertical SCR; 5 gallon DEF tank, right side mounted	
Air cleaner	Donaldson 11 inch single stage	
Radiator	1050 sq in copper brass	
Fan & drive	Viscous Fan Drive(Required to pass DOT noise test)	
Coolant hoses/piping	Silicone hoses with steel tubing	
Coolant	Extended life coolant	
<b>Transmission and Equipment</b>		
Transmission model	Allison 3000 RDS	<i>(Allison 3500 RDS)</i>
Transmission gearing	4-speed	<i>(3-speed or 5-speed)</i>
Transmission controls	Allison push button (Gen V)	<i>(Allison t-handle)</i>
Transmission cooler	Oil to water type	
Transmission lubricant	TranSynd™ synthetic	
Driveshaft	Dana Spicer® 1710 half-round	
<b>Front Axle and Equipment</b>		
Axle model	Meritor MFS 14	<i>Dana Spicer® E-1322-W (13,200 lb rated)</i>
Front suspension	Flat leaf (14,500 lb rated)	
Shock absorbers	Double acting - heavy duty	
Power steering	Gearbox, integral steering w/ mechanical backup	
Power steering reservoir	Integral w/ hydraulic tank	
ABS	Bendix 4S4M w/o traction control	<i>(required for vehicle speeds over 33 MPH)</i>
Brakes	16.5 x 5 s-cam	
Brake drums	Cast iron	
Slack adjusters	Automatic slack adjusters	
Front hubs	Iron hub piloted	
<b>Rear Axle and Equipment</b>		
Axle model	Meritor RS24-160 (single reduction)	<i>(Meritor RS30-380)</i>
Rear axle ratio	7.17:1	<i>(Dana Spicer® S23-170, S23-190, S30-190 &amp; S30-590)</i>
Rear suspension	Solid	<i>(ratio based on selected axle &amp; performance)</i>
ABS	Bendix 4S4M w/o traction control	<i>(required for vehicle speeds over 33 MPH)</i>
Brakes	16.5 x 8.62 s-cam	
Brake drums	Cast iron	
Slack adjusters	Automatic slack adjusters	
Rear hubs	Iron hub piloted	
Gear lubricant	Synthetic	
<b>Chassis and Equipment</b>		
Wheelbase	116 inch	122 inch
Frame	2.0 million RBM, 50,000 KSI steel, 'C'-reinforced	
Frame fasteners	Huck bolts where possible	
Bumper	Steel reinforced bumper	Heavy duty reinforced bumper
Tow device(s)	Front & rear tow eyes	
Mud flaps	Rear of drive tires	
<b>Pneumatic System (Rapid Fill)</b>		
Air compressor	Wabco 18.7 CFM	Pull loads
Air system drain valve	Manual petcocks all tanks	
Air lines	Nylon, color coded	
Brake system	FMVSS 121 air brake system, front/rear system protection	
<b>Fuel System</b>		
Fuel tank	50 gallon steel rectangular w/ deep step, left side mounted	50 gallon cylindrical (requires 122" wheelbase)
Fuel filter	Cummins	
Fuel lines	SAE J844 nylon	



## 5th Wheel and Hydraulic System

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5th wheel	SAF/Holland 70,000 lb semi-oscillating 16 inch lift bearings	(SAF/Holland 100,000 lb)
Hydraulic lift cylinders	(2) 5 inch 50,000 lb capacity, upper & lower spherical bushings	(limited lift height cylinders)
Hydraulic tank	15 gallon steel tank w/ sight glass	
Pump	Engine mounted	Trans mounted PTO driven

## Trailer Equipment

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Air connections	15' straight rubber trailer hoses w/spring hanger	12 ft color coded coiled w/ glad-hands
7-way electric cable receptacle	7-way electric cable 12 FT	12 ft coiled detachable

## Tires and Wheels

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Front tires	11R22.5 LRG
Front wheels	Steel 22.5 x 8.25 hub piloted, 285mm BC
Rear tires	11R22.5 LRG
Rear wheels	Steel 22.5 x 8.25 hub piloted, 285mm BC

## Electrical System

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Electrical System	12V, negative ground	
Alternator	Delco Remy 22SI 130AMP	
Starter	Denso 12V	
Batteries	(2) group 31 950 CCA (min)/1900 CCA total	
Circuit protection	Automatic circuit breakers	
Windshield wipers	Single electric (pantograph) intermittent w/washer	(single radial arm overhead, horizontal park)
Backup alarm	Non-motion detecting	(motion detecting, CA compliant)
Horn	Single	(air horn)

## Lighting

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Headlamps	Low/high halogen	
Backup light, stop & turn signals	LED stop & turn, incandescent backup, shock resistant mount	(LED backup)
BOC 5th wheel light	Incandescent, shock resistant mount	
Marker and side turn signals	LED	

## Cab and Equipment

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Cab construction	<b>• Electrocoated (e-coated) steel, full cab immersion • (Rust Prevention Coating)</b>	
Cab dimensions (outside)	Raised roof, 52" wide x 71" deep (w/o rear door) x 78" high (deck to roof)	
Cab doors	Left side hinged door w/ manual crank window, sliding rear door	
Rear door opening (useable)	24" wide x 72" high	
Cab floor	Sweep out floor w/ durable mat	
Cab dash	Steel wrap around	
Overhead console	Steel	
Cab mounting	4 point, rear dual (2) air suspensions	3-point spring
Cab tilt	Electric over hydraulic	
Glass	Tinted, laminated windshield	
Mirrors	Dual SST west coast mirrors	(heated primary, motorized primary, convex)
Cab climate control system	44,000 BTU fresh air heater	(air conditioning)
Steering column	Fixed	Tilt/telescopic
Steering wheel	18 inch 2-spoke	
Seat	Air suspension, mid-back <b>without</b> fore/aft isolation	(air suspension, mid-back <b>with</b> fore/aft isolation)
Seat covering	Black Cordura Plus® cloth fabric	
Seat belt	3-point orange	
Dome light	Switch on dash	
Power ports	(2) 12V	
Air horns	Mounted under cab	Mounted R/S top of cab
Translucent sun visor	Single	
Conspicuity tape		

## Operators Controls

Park brake - push/pull  
Headlamps  
Turn signal - column mounted  
Brake pedal  
Accelerator pedal  
5th wheel height control  
5th wheel lock  
Transmission gear selector - Push button

## Cab Instrumentation

Speedometer  
Tachometer  
Engine oil pressure  
Coolant temperature  
Transmission oil temperature  
Voltmeter  
Fuel level/ DEF level  
Primary (A) air pressure  
Secondary (B) air pressure  
Hour meter (included in tachometer)

## Cab Warning Devices

Park brake  
High beam  
Turn signal  
Low fuel  
Low air  
Seat belt  
DPF  
HEST  
Air restriction indicator  
Filter with water in fuel indicator

## Paint

Cab	White	(customer specific colors)
Chassis	Black	(customer specific colors)
Bumper	Black	(customer specific colors)
Wheels	White powder coat	(customer specific colors)

## Optional Equipment

Air Dryer	Glad-hand and 7-way cable storage	Skylight window in roof
Fuel/water separator w/ heater	Battery disconnect switch	Cab fan
Engine block heater	Air restriction indicator w/ dash light	AM/FM radio/CD w/ aux input, speakers & antenna
Oil pan heater	Amber beacon light	5# ABC fire extinguisher
Beavertail	Spot/work/flood lights	Additional instrumentation
Rear flexible fenders	Rear door laminated glass	Lever start, no key
Trailer stops/full cab guard	Auto lube system	Double blink strobe light
Glad hand buckets		Trailer hand brake
		Two stage air cleaner

## Vehicle Ratings

Vehicle tare weight, front	
Vehicle tare weight, rear	
GAWF	13,200 lbs
GAWR	23,000 lbs
GCW	80,000 lbs

## Performance

## Basic Warranties (Industry Best)

Autocar terminal tractor	1 year or 3,000 hours whichever occurs first, parts & labor
Cummins engine	2 years parts & labor
Dana axles	3 years parts & labor
Allison transmission	4 years parts & labor
Frame	7 years or 20,000 hours whichever occurs first
Meritor Axles	2 years parts & labor

