

VIN Decoder

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NHTSA's VIN decoder allows you to query a particular vehicle's VIN to identify specific information encoded in the number.

VIN

5KJJAVDV1GPHB9121

Model Year

Vehicle's Model Year

2016 WESTERN STAR - TRUCK

✓ **Error Text:** 0 - VIN decoded clean. Check Digit (9th position) is correct

Manufacturer: DAIMLER TRUCKS NORTH AMERICA
LLC

DBAs:

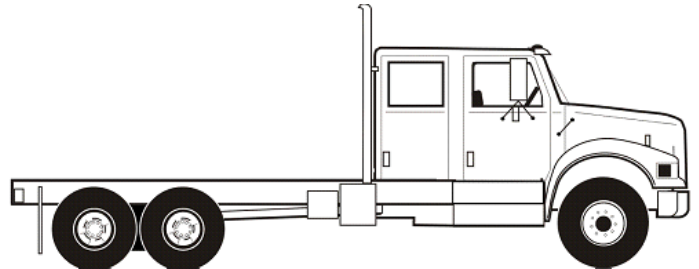
Vehicle Type: TRUCK

Model Year: 2016

Make: WESTERN STAR

Model: 4700

Body Class: Truck-Tractor



Other Information

Information provided below is based on the details provided by the manufacturer of this vehicle to NHTSA in the part 565 submittal

Series:

Trim:

Gross Vehicle Weight Rating: Class 8: 33,001 lb and above (14,969 kg and above)

Axes:

Engine Displacement (L): 12.8

Axle Configuration: SFA - Set-Forward Axle

Drive Type: 6x4

Cylinders: 6

Primary Fuel Type: Diesel

Engine Model: Diesel DD13

Secondary Fuel Type:

Electrification Level:

Engine Brake (HP):

Engine Manufacturer: Detroit

Transmission Speed:

Transmission Style:

Airbags:

- **Front:**
- **Knee:**
- **Side:**
- **Curtain:**
- **Seat Cushion:**
- **Other Restraint Info:**

Plant Information: PORTLAND, OREGON, UNITED STATES (USA)

All Vehicle details

NOTE: Any missing decoded values should be interpreted as NHTSA does not have data on the specific variable. Missing value should NOT be interpreted as an indication that a feature or technology is unavailable for a vehicle.

Group Name	Element	Value
	Suggested VIN	
	Error Code	0
	Possible Values	
	Additional Error Text	
	Error Text	0 - VIN decoded clean. Check Digit (9th position) is correct
	Vehicle Descriptor	5KJJAVDV*GP
General	Destination Market	
General	Make	WESTERN STAR
General	Manufacturer Name	DAIMLER TRUCKS NORTH AMERICA LLC
General	Model	4700
General	Model Year	2016
General	Plant City	PORTLAND
General	Series	
General	Trim	
General	Vehicle Type	TRUCK
General	Plant Country	UNITED STATES (USA)
General	Plant Company Name	
General	Plant State	OREGON
General	Trim2	
General	Series2	
General	Note	
General	Base Price (\$)	
General	Non-Land Use	

Group Name	Element	Value
Exterior / Body	Body Class	Truck-Tractor
Exterior / Body	Doors	
Exterior / Body	Windows	
Exterior / Body	Wheel Base Type	
Exterior / Body	Track Width (inches)	
Exterior / Dimension	Gross Vehicle Weight Rating From	Class 8: 33,001 lb and above (14,969 kg and above)
Exterior / Dimension	Bed Length (inches)	
Exterior / Dimension	Curb Weight (pounds)	
Exterior / Dimension	Wheel Base (inches) From	
Exterior / Dimension	Wheel Base (inches) To	
Exterior / Dimension	Gross Combination Weight Rating From	
Exterior / Dimension	Gross Combination Weight Rating To	
Exterior / Dimension	Gross Vehicle Weight Rating To	
Exterior / Truck	Bed Type	
Exterior / Truck	Cab Type	MDHD: Conventional
Exterior / Trailer	Trailer Type Connection	Not Applicable
Exterior / Trailer	Trailer Body Type	Not Applicable
Exterior / Trailer	Trailer Length (feet)	
Exterior / Trailer	Other Trailer Info	
Exterior / Wheel tire	Number of Wheels	
Exterior / Wheel tire	Wheel Size Front (inches)	
Exterior / Wheel tire	Wheel Size Rear (inches)	
Interior	Entertainment System	
Interior	Steering Location	
Interior / Seat	Number of Seats	

Group Name	Element	Value
Interior / Seat	Number of Seat Rows	
Mechanical / Transmission	Transmission Style	
Mechanical / Transmission	Transmission Speeds	
Mechanical / Drivetrain	Drive Type	6x4
Mechanical / Drivetrain	Axles	
Mechanical / Drivetrain	Axle Configuration	SFA - Set-Forward Axle
Mechanical / Brake	Brake System Type	Air
Mechanical / Brake	Brake System Description	
Mechanical / Battery	Other Battery Info	
Mechanical / Battery	Battery Type	
Mechanical / Battery	Number of Battery Cells per Module	
Mechanical / Battery	Battery Current (Amps) From	
Mechanical / Battery	Battery Voltage (Volts) From	
Mechanical / Battery	Battery Energy (kWh) From	
Mechanical / Battery	EV Drive Unit	
Mechanical / Battery	Battery Current (Amps) To	
Mechanical / Battery	Battery Voltage (Volts) To	
Mechanical / Battery	Battery Energy (kWh) To	
Mechanical / Battery	Number of Battery Modules per Pack	
Mechanical / Battery	Number of Battery Packs per Vehicle	
Mechanical / Battery / Charger	Charger Level	
Mechanical / Battery / Charger	Charger Power (kW)	
Engine	Engine Number of Cylinders	6
Engine	Displacement (CC)	12800.0

Group Name	Element	Value
Engine	Displacement (CI)	781.10392441257
Engine	Displacement (L)	12.8
Engine	Engine Stroke Cycles	
Engine	Engine Model	Diesel DD13
Engine	Engine Power (kW)	
Engine	Fuel Type - Primary	Diesel
Engine	Valve Train Design	
Engine	Engine Configuration	In-Line
Engine	Fuel Type - Secondary	
Engine	Fuel Delivery / Fuel Injection Type	
Engine	Engine Brake (hp) From	
Engine	Cooling Type	
Engine	Engine Brake (hp) To	
Engine	Electrification Level	
Engine	Other Engine Info	
Engine	Turbo	
Engine	Top Speed (MPH)	
Engine	Engine Manufacturer	Detroit
Passive Safety System	Pretensioner	
Passive Safety System	Seat Belt Type	
Passive Safety System	Other Restraint System Info	
Passive Safety System / Air Bag Location	Curtain Air Bag Locations	
Passive Safety System / Air Bag Location	Seat Cushion Air Bag Locations	
Passive Safety System / Air Bag Location	Front Air Bag Locations	
Passive Safety System / Air Bag Location	Knee Air Bag Locations	

Group Name	Element	Value
Passive Safety System / Air Bag Location	Side Air Bag Locations	
Active Safety System	Anti-lock Braking System (ABS)	
Active Safety System	Electronic Stability Control (ESC)	
Active Safety System	Traction Control	
Active Safety System	Tire Pressure Monitoring System (TPMS) Type	
Active Safety System	Active Safety System Note	
Active Safety System	Auto-Reverse System for Windows and Sunroofs	
Active Safety System	Automatic Pedestrian Alerting Sound (for Hybrid and EV only)	
Active Safety System	Event Data Recorder (EDR)	
Active Safety System	Keyless Ignition	
Active Safety System	SAE Automation Level From	
Active Safety System	SAE Automation Level To	
Active Safety System / Maintaining Safe Distance	Adaptive Cruise Control (ACC)	
Active Safety System / Forward Collision Prevention	Crash Imminent Braking (CIB)	
Active Safety System / Lane and Side Assist	Blind Spot Warning (BSW)	
Active Safety System / Forward Collision Prevention	Forward Collision Warning (FCW)	
Active Safety System / Lane and Side Assist	Lane Departure Warning (LDW)	
Active Safety System / Lane and Side Assist	Lane Keeping Assistance (LKA)	

Group Name	Element	Value
Active Safety System / Backing Up and Parking	Backup Camera	
Active Safety System / Backing Up and Parking	Parking Assist	
Exterior / Bus	Bus Length (feet)	
Exterior / Bus	Bus Floor Configuration Type	Not Applicable
Exterior / Bus	Bus Type	Not Applicable
Exterior / Bus	Other Bus Info	
Exterior / Motorcycle	Custom Motorcycle Type	Not Applicable
Exterior / Motorcycle	Motorcycle Suspension Type	Not Applicable
Exterior / Motorcycle	Motorcycle Chassis Type	Not Applicable
Exterior / Motorcycle	Other Motorcycle Info	
Active Safety System / Forward Collision Prevention	Dynamic Brake Support (DBS)	
Active Safety System / Forward Collision Prevention	Pedestrian Automatic Emergency Braking (PAEB)	
Active Safety System / 911 Notification	Automatic Crash Notification (ACN) / Advanced Automatic Crash Notification (AACN)	
Active Safety System / Lighting Technologies	Daytime Running Light (DRL)	
Active Safety System / Lighting Technologies	Headlamp Light Source	
Active Safety System / Lighting Technologies	Semiautomatic Headlamp Beam Switching	
Active Safety System / Lighting Technologies	Adaptive Driving Beam (ADB)	

Group Name	Element	Value
Active Safety System / Backing Up and Parking	Rear Cross Traffic Alert	
Active Safety System / Backing Up and Parking	Rear Automatic Emergency Braking	
Active Safety System / Lane and Side Assist	Blind Spot Intervention (BSI)	
Active Safety System / Lane and Side Assist	Lane Centering Assistance	

Using NHTSA's VIN Decoder to Identify a Vehicle’s Plant of Manufacture

Among the information NHTSA's VIN decoder provides is information about the vehicle’s plant of manufacture. After searching a VIN, you'll see the build plant and country for the vehicle in question. Refer to the "Plant Information" section at the bottom of the results.

More Information

The information displayed through NHTSA’s VIN decoder is reported by the manufacturer. If you have further questions regarding this information, **please contact the vehicle manufacturer**. In addition, more information may be available on a label affixed to the vehicle. NHTSA’s Part 583 webpage provides more information about this label.

If you are using NHTSA's VIN decoder to get information regarding the U.S. Electric Vehicle Tax Credit, **please refer to information released by the** U.S. Department of Energy, U.S. Department of the Treasury and Internal Revenue Service, and these FAQs.

NHTSA Information ▼

Information For ▼

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Website Information ▼

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