

TOTAL360 Covered Components

ENGINE (internally lubricated hard parts)	TIER 1	TIER 2	TIER 3
Connecting Rods	X	X	X
Connecting Rod Main Bearings	X	X	X
Constant Velocity Valve	X	X	X
Crankshaft	X	X	X
Main Thrust Washers	X	X	X
Pistons & Piston Rings	X	X	X
Timing Chain & Gears	X	X	X
Timing Chain Tensioners	X	X	X
Timing Gear Cover	X	X	X
Wrist Pins	X	X	X
Balance & Timing Belt Tensioners	X	X	X
LUBRICATING SYSTEM			
Oil Pan	X	X	X
Oil Cooler & Housing	X	X	X
Oil Pump Housing & Gears & Pick Up Screen & Tube	X	X	X
Oil Pump Pressure Relief Springs & Valves	X	X	X
Piston Oil Cooling Jets	X	X	X
OVERHEAD COMPONENTS			
Cam Followers	X	X	X
Camshaft & Camshaft Bearings	X	X	X
Hydraulic Lifters	X	X	X
Intake/Exhaust Valves & Guides	X	X	X
Pushrods	X	X	X
Rocker Arms & Shafts	X	X	X
Valve Keepers (locks)	X	X	X
Valve Retainers, Springs, & Cover	X	X	X
Variable Valve Camshaft Adjuster		X	X
RELATED ITEMS			
Exhaust Manifold	X	X	X
Flywheel Housing & Flywheel Housing Gasket	X	X	X
Intake Manifold	X	X	X
Vibration Dampener	X	X	X
Cylinder Liners**			X
Cylinder Head**			X
Engine Block**			X
Engine Mounts**			X
Front Crank Seal			X
Front Housing Gasket			X
Head Gasket**			X
Intake Manifold Gasket			X
Rear Main Seal			X
**No Progressive Damage			
FAN/FAN DRIVE ASSEMBLIES			
Belt Tighteners			
Fan Blades & Shroud		X	X
Fan Clutch		X	X
Fan Group		X	X
Harmonic Balancer		X	X

TRANSMISSION	TIER 1	TIER 2	TIER 3
Bands	X	X	X
Bearings	X	X	X
Blockers	X	X	X
Bushings	X	X	X
Drums	X	X	X
Gear Sets	X	X	X
Governor	X	X	X
Input Shaft	X	X	X
Oil Pump	X	X	X
Shaft(s)	X	X	X
Shift Forks	X	X	X
Synchronizers	X	X	X
Thrust Washers	X	X	X
Torque Converter	X	X	X
Transmission Case*	X	X	X
Valve Body	X	X	X
XY Shifter		X	X
Clutch*		X	X
Encoder Motor**			X
Power Take-Off**			X
Transmission Oil Cooler**			X
Vacuum Modulator**			X
Viscous Coupling**			X
*Clutch Covered if Failed; Parts Only & No Progressive Damage			
**No Progressive Damage			
DIFFERENTIAL(S)	TIER 1	TIER 2	TIER 3
Axle Shafts	X	X	X
Bearings	X	X	X
Bushings	X	X	X
Carrier Case	X	X	X
Gear Sets	X	X	X
Limited Slip Clutch Pack	X	X	X
Power Divider Bearings	X	X	X
Gears	X	X	X
Shafts	X	X	X
Shift Fork	X	X	X
Differential Housing*	X	X	X
Thrust Washer(s)		X	X
DRIVE SHAFT			
Driveshaft**			X
Driveshaft Center Support Bearing**			X
Driveshaft Yokes**			
Flex Disc(s)**			
**No Progressive Damage			
*Differential Housing Is Covered Only If Damaged By a Covered Component			

ENGINE ACCESSORY	TIER 1	TIER 2	TIER 3	AFTERTREATMENT	TIER 1	TIER 2	TIER 3
Radiator		X	X	DIESEL EXHAUST FLUID SYSTEM			
COOLING SYSTEM				(DEF) Heated Lines		X	X
Alternator		X	X	(DEF) Heater Control Relay		X	X
Charge Air Cooler		X	X	(DEF) Heater Coolant Control Valve		X	X
Engine Thermostat		X	X	(DEF) Heating Elements & Heating Fittings		X	X
Engine Thermostat Housing		X	X	(DEF) Injection Nozzle		X	X
Coolant Recovery Tank			X	(DEF) Module & Pump & Tank			
Coolant Surge Tank			X	DIESEL PARTICULATE			
Radiator Brackets**			X	Diesel Particulate Filter (DPF)		X	X
FUEL PUMPS				DPF Air/ Fuel/ Coolant Lines		X	X
Fuel Injection Pump		X	X	DPF Air/ Fuel/ Manifold Assembly		X	X
Fuel Lift Pump		X	X	DPF Dosing Module			
Fuel Prime Pump		X	X	HYDROCARBON DOSER SYSTEM			
Fuel Transfer Pump		X	X	Diesel Oxidation Catalyst (DOC)		X	X
High/Low-Pressure Fuel Pump		X	X	Hydrocarbon Doser Injector (HC Doser, 7th Injector, ARD, AHI Module)			
FUEL INJECTORS				Hydrocarbon Doser Valve – Air/Fuel/Coolant Lines & Inline Air Filter		X	X
Failed Injectors		X	X	Hydrocarbon Doser Valve (Voss Valve)		X	X
Failed Injector Cups & Hard Lines		X	X	SELECTIVE CATALYTIC REDUCTION			
Fuel Intake Manifold		X	X	Selective Catalytic Reduction (SCR) Catalyst		X	X
*Fuel Injector Tubes & Seals		X	X	Selective Catalytic Reduction (SCR) Decomp		X	X
Fuel Governor			X	Pipe/Elbows			
Fuel Pressure Regulator			X	EXHAUST GAS RECIRCULATION (EGR)**		X	X
Fuel Sender Assembly			X	BPV Actuator		X	X
Fuel Tank				BPV (Back Pressure Control Valve)		X	X
STARTER				EGR Actuator		X	X
Armature		X	X	EGR Connecting Bellows & Clamps		X	X
Bearings		X	X	EGR Cooler(s) & EGR Cooler Lines		X	X
Boot		X	X	Exhaust Piping/ Clamps/ Gaskets		X	X
Brushes		X	X	Exhaust Throttle Valve		X	X
Brush Holder		X	X	EGR Valves		X	X
Bushings		X	X	**No Progressive Damage			
Coil		X	X	CABIN COMFORT			
Commutator		X	X	AC Pressure Switches			X
Drive Assembly Insulator		X	X	Accumulator			X
Jumper		X	X	Condenser & Condenser Fan Motor			
Magnet		X	X	Expansion Valve			X
Motor Shaft Lever & Spring		X	X	Evaporator			X
Plunger		X	X	HVAC Heater Core & Temperature Control Head			X
Solenoid		X	X	Idle Pulley & Bearings			X
Starter Drive Gear		X	X	Orifice Tube			X
TURBOCHARGER(S)				Serpentine Belt Tensioner			X
Actuator		X	X	Temperature Control Valve			X
Bearings		X	X	HVAC AIR COMPRESSOR			
Internal Variable Vane Assembly		X	X	Air Compressor Mounting Bracket***			X
Turbines & Turbine Shaft		X	X	Compressor Clutch & Pulley			X
Turbocharger Housing		X	X	HVAC BLOWER MOTOR			
VPOD		X	X	Blower Motor Fan & Resistor			X
Wastegate				Plenum Blower Case			
WATER PUMP**				CABIN HVAC			X
Bearings		X	X	Control Cables			X
Housing		X	X	Defrost Assembly			X
Impeller		X	X	Receiver Drier			X
Seals		X	X	Refrigerant (in conjunction with a covered repair)			X
Water Manifold				Ductwork***			
No Progressive Damage				Lines*			
				***Parts Only Coverage. No Progressive Damage is Covered			

STEERING/SUSPENSION/BRAKES	TIER 2	TIER 3	ELECTRICAL	TIER 2	TIER 3
Suspension			After Treatment Control Module (ACM)	X	X
4WD Engagement Actuators & Manual Locking Hubs		X	Electronic Control Module (ECM) – Includes the ECM Unit	X	X
Air Suspension Bag or Springs		X	SENSORS AFTERTREATMENT		
Coil Springs		X	Aftertreatment Regeneration Flame Detection Temperature Sensor	X	X
Constant Velocity Joint & Boot		X	ASM Sensor	X	X
Electronically Controlled Variable Suspension Struts & Switches		X	Back Pressure Valve Temperature Sensor	X	X
Leaf Springs: Shackles & Bushings			Back Pressure Valve Pressure Sensor	X	X
Wheel Hub & Wheel Bearings		X	Burner Flame Temperature Sensor	X	X
Steering Knuckles & Spindles		X	Catalytic Converter (up/downstream) NOX Sensor	X	X
Torsion Bars & Struts		X	Catalytic Converter Temperature Sensor	X	X
UPPER/LOWER CONTROL ARM		X	Catalytic Reduction Actuator (up/downstream) Temperature Sensor	X	X
Ball Joints			Catalytic Reduction Actuator Temperature/Fill Level Sensor	X	X
Bushings		X	Catalytic Reduction Actuator Temperature/Moisture Sensor	X	X
Links		X	Clean Gas Induction (CGI) Cooler Combustion Air Delta Sensor	X	X
Shaft(s)		X	Clean Gas Induction (CGI) Cooler Pressure & Cooler Temperature Sensor	X	X
STABILIZER BAR		X	Compensation Sensor	X	X
Bushings		X	Delta P Sensor	X	X
Links		X	Diesel Exhaust Fluid (DEF) Tank Fill Level Sensor	X	X
Steering			Diesel Exhaust Fluid (DEF) Temperature Sensor	X	X
Bearings*		X	Diesel Exhaust Fluid (DEF) Quality Sensor	X	X
Couplings*		X	Diesel Exhaust System Nitrogen Oxide (NOx) Sensor	X	X
Idle Arm*		X	Diesel Oxidation Catalyst (DOC) Gas Temperature Sensor	X	X
Intermediate Shaft Pitman Arm*		X	Diesel Oxidation Catalyst (DOC) Pressure Sensor	X	X
Mounting Brackets*		X	Diesel Particulate Filter Ammonia Sensor	X	X
Steering Column Shaft*		X	Doser Valve Pressure Sensor	X	X
Steering Relay Arm*		X	Exhaust Aftertreatment Fuel Control Module Sensor	X	X
Tie Rods & Ends*		X	Exhaust Aftertreatment Particulate Trap Differential Pressure Sensor	X	X
RACK & PINION			Exhaust Aftertreatment Pressure Sensor	X	X
Bearing Kit & Housing,		X	Exhaust Back Pressure Sensor	X	X
Electric Steering Assist Motor		X	Exhaust Gas Recirculation (EGR) Monitor Sensor	X	X
Rack Gear		X	Exhaust Gas Recirculation (EGR) Position Sensor	X	X
Steering Gear & Linkage Bellows		X	Exhaust Gas Recirculation (EGR) Pressure Sensor	X	X
POWER STEERING PUMP			Exhaust Gas Temperature Sensor	X	X
Power Cylinder Hose Assembly		X	Exhaust Oxygen (O2/Lambda) Sensor	X	X
Reservoir		X	Exhaust Temperature Sensor	X	X
<i>*Covered Only if Damaged by a Covered Component</i>		X	Exhaust Soot Sensor	X	X
Brakes		X	Input Exhaust Gas Sensor	X	X
Exciter			Metering Device Compressed Air Pressure Sensor	X	X
Equalizer & Distributing Valve		X	Metering Device Pressure Sensor	X	X
High-Pressure Hydraulic Pump		X	Metering Sevice Temperature Sensor	X	X
Master Cylinder		X	Nitrogen Oxide (NOx) Sensor(s)	X	X
Proportioning Control Valves		X	Output Exhaust Gas Pressure Sensor	X	X
Vacuum or Hydro Booster		X	Particulate Soot/Matter Sensor (PM Sensor)	X	X
Wheel Cylinders		X	Selective Catalytic Reduction Air Intake Humidity Sensor	X	X
			Selective Catalytic Reduction System Inlet/Outlet	X	X
			Selective Catalytic Reduction Temperature Sensor	X	X
			Upstream DPF Temperature Sensor	X	X

ELECTRICAL (These components are only covered under Tier 3)

ENGINE

- Air Intake Temperature Sensor
- Air Pressure Sensor Misfire Sensor
- Ambient Air Temperature Sensor
- Atmosphere/Ambient Pressure Sensor
- Camshaft Position Sensor
- Camshaft Speed Sensor
- Centrifugal Crankcase Oil Separator (CCOSS) Sensor
- Compressor Inlet Sensor
- Crankshaft Position Sensor
- Crankcase Pressure Sensor
- Crankshaft Speed Sensor
- Cylinder Head Temperature Sensor
- ECM Manifold Pressure Sensor
- Electronic Engine Controls Humidity Sensor
- Engine-Brake Control Pressure Sensor
- Engine Oil Pressure Sensor
- Engine Oil Temperature Sensor
- Engine Position/Timing Sensor
- Front Cover Exhaust Temperature Sensor
- Intake Manifold Sensor
- Intake Manifold Temperature Sensor
- Intake Manifold Temperature/Pressure Sensor
- Intake Valve Actuator Oil Pressure Sensor
- Knock Sensor
- Mass Air Flow Sensor
- Multiple Functions Temperature Sensor
- Oil Breather Centrifuge Speed Sensor
- Optimized Idle Sensor
- Piston Coolant Sensor
- Position Not Specified Multiple Usage Sensor
- Shutterstat Temperature Sensor
- STC Viscosity Sensor
- Swirl Flap Position Sensor
- Synchronous Reference Sensor
- Temperature Climatic Combustion Control Sensor
- Throttle Input Absolute Pressure Sensor
- Timing Reference Sensor
- Vehicle Speed Sensor
- Wideband Oxygen Sensor

FUEL

- Air/Fuel Ratio Sensor
- Fuel Pressure Sensor
- Fuel Pump Speed Sensor
- Fuel Rack Position Sensor
- Fuel Tank Fuel Level Sensor
- Fuel Tank Pressure Sensor
- Fuel Tank Vacuum Sensor
- Fuel Temperature Sensor
- Fuel/Water Separator Sensor
- Gaseous Fuel Leak Detection Sensor
- Injection Control Pressure (ICP) Sensor
- Rail Pressure Sensor

GUAGES

- Axillary Transmission Temperature Gauge
- Axle Oil Temperature Gauge
- Brake Saver Oil Temperature Gauge
- Dash Unit Temperature Gauge
- Engine Temperature Gauge
- Fuel Gauge
- Front/Rear/Steer/Center Drive Axle Oil Temperature Gauge
- Instrument Cluster
- Oil Temperature Gauge
- Outside Air Temperature Gauge
- Tachometer
- Transmission Temperature Gauge
- Voltage Regulator & Gauge
- Water Temperature Gauge

TRANSMISSION

- Automation Controls Hydraulic Fluid Level Sensor
- Automated Transmission Clutch Actuator Sensor
- Automated Transmission Countershaft Speed Sensor
- Automated Transmission Gear Select Sensor
- Automatic Transmission Oil Level Sensor
- Automatic Transmission Oil Pump Speed Converter Sensor
- Automated Transmission Oil Temperature Sensor
- Automatic Transmission Pressure Transducer Sensor
- Automatic Transmission Range Sensor
- Automated Transmission Rotary (dual) Position Sensor
- Automatic Transmission Speed Converter Sensor
- Automatic Transmission Speed Sensor
- Automatic Transmission Temperature Sensor
- Automated Transmission XY Shifter Position Sensor
- Input Sensor
- Input Shaft Speed Sensor
- Line Pressure Sensor
- Load Sensor
- Main Shaft Speed Sensor
- Manual Lever Position Sensor
- Oil Heater Sensor
- Output Housing Speed Sensor
- Output Shaft Speed Sensor
- Output Speed Sensor
- Overlay Sensor
- Rail Select Sensor
- Transmission Low Air Pressure Sensor
- Transmission Speed Sensor
- Turbine Speed Sensor

TURBO

- Boost Pressure Sensor
- Pre-Turbo Pressure Sensor
- Throttle Plate Position (TPS) Sensor
- Turbocharger Boost Sensor
- Turbocharger Temperature Sensor
- Turbocharger Turbine Speed Sensor
- Turbocharger Vane Position Sensor
- Turbocharger Wastegate Sensor

MANUAL SWITCHES

- Air Horn Switch
- Air Pressure Gauge Signal Switch
- Air Restriction Switch
- Differential Lockout Indicator Lamp Switch
- Door Jamb Switches
- Driver Information Display Mode Switch
- Driver Information Display Set Switch
- Electric Door Lock Actuators
- Engine Coolant Temperature Indicator Switch
- Engine Metal Temperature Indicator Switch
- Fuel Tank Selector Switch
- High Water Temperature Warning Override Switch
- Instrument Panel On/Off Pre-Trip Light Switch
- Low Fuel Warning Indicator Switch
- Low Hydraulic Pressure Signal Switch
- Manifold Vacuum Gauge Switch
- Multi-Function Stalk Lever Switch
- Oil Pressure Switch
- Parking Brake Indicator Lamp Switch
- Power Seat Motors & Relays
- Power Steering Pressure Differential Switch
- Power Window Motors & Relays
- Propane Cylinder Cradle Latch Indicator Switch
- Starter Solenoid Switch
- Traction Control Rocker Switch
- Traction Control Switch
- Windshield Wiper Control Switch
- Window Washer Fluid Pumps
- Wiper Motor Relay

MODULES

- Air Ride Suspension ECU Control Module
- Antilock Brake System (ABS) Electronic Control Unit
- Control Arm Active Suspension Control Module
- Cruise Control Assembly
- Electronic Ignition Control Module
- Fuel Injection Control Modules
- Transfer Case Control Module
- Transmission Auto Shift Module
- Transmission ECU Module
- Transmission Gear Module
- Transmission Power Interface Module
- Shift Selector Module

WIRING HARNESS

- Air Horn Wiring Harness
- Distance Sensor Wiring Harness
- Security System Wiring Harness
- Speedometer Wiring Harness
- Trip Odometer Wiring Harness

ENGINE

- Engine Air Temperature Sensor Wiring Harness
- Engine Solenoids/Sending Units Wiring Harness
- Engine Wiring Harness

TRANSMISSION

- Automatic Transmission
- Main Wiring Transmission Harness
- Power Shift Control Wiring Harness
- Shift Tower Wiring Harness
- Speed Sensor Wiring Harness
- Transmission Oil Pump Wiring Harness
- Transmission Master Wiring Harness
- Transmission Range Selector Wiring Harness
- Transmission Shift Control Valve Wiring Harness
- Transmission Shift Control Wiring Harness
- Transmission Wiring Harness

DIFFERENTIAL

- Rear Axle Traction Control Wiring Harness

ENGINE ACCESSORY

- ECU Wiring Harness
- Electronic Engine Control Wiring Harness
- Electronic Injectors Wiring Harness
- Fuel Pump Wiring Harness
- Intake Manifold Temperature Sensor Wiring Harness
- Tank Fill Level Indicator to Tank Fill Level Gauge Wiring Harness
- Throttle Body Wiring Harness

AFTERTREATMENT

- Aftertreatment Control Module to Air Control Unit Wiring Harness
- Aftertreatment Control Module to Metering Device Wiring Harness
- Aftertreatment Control Module to Pump Wiring Harness
- Aftertreatment Control Module to Tank Fill Level Indicator Wiring Harness
- Aftertreatment Control Module to Tank Heater Solenoid Valve Wiring Harness
- Aftertreatment Module to Sensors Wiring Harness
- Ambient Air Temperature Sensor Wiring Harness
- DEF System Wiring Harness
- DEF Tank Level Sensor Jumper Harness
- DEF Tank Pump Wiring Harness
- Diesel Particulate Filter (DPF) Jumper Harness
- ECM Harness
- EGR Pressure Sensor Wiring Harness
- EGR Valve Wiring Harness
- Exhaust Aftertreatment Device Wiring Harness
- Exhaust Gas Temperature Sensor Wiring Harness

STEERING SUSPENSION BRAKES

- Driven Wheel Speed Sensor

COOLING SYSTEM

- Coolant Pump Speed Sensor
- Charge Air Cooler Air Pressure Sensor
- Charge Air Cooler Air Pressure & Temperature Sensor
- Circuit-Breaking Thermostat Sensor
- Engine Coolant Temperature Sensor
- Fan Clutch Thermostat Sensor
- Fan Speed Sensor
- Low Coolant Sensor
- Radiator Fan Temperature Sensor

DIFFERENTIAL(S)

- Axle Temperature Sensor
- Differential Lock Power Switch Sensor
- Power Divider Differential Lock Sensor

ADDITIONAL ITEMS

- Collision Avoidance System
- Engine distributor
- Factory Keyless Entry Transmitter & Receiver
- Global Positioning System (GPS)
- Heads Up Display (HUD)
- Heated Seat Grids
- Ignition Coil
- Power Mirror Motors
- Spark Plug Wires
- Wiper Motor

Factory-Installed Anti-Theft Devices:

- Cab Alarm
- Horn
- Relay
- Switch
- Transmitter

Factory-Installed Radio

- Amplifier
- Dash-Mounted CD Player
- Tape Player

Memory Steering Wheel

- Activators
- Control module
- Motors
- Sensors
- Switches

Power Seat

- Module
- Motor
- Relay
- Switch
- Track Assembly