

**BMW New Vehicle/Light Truck Limited Warranty – Emissions  
(Coverage Information for SULEV/PZEV Vehicles)  
Effective October 19, 2016**

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## BMW New Vehicle/Light Truck Limited Warranty – Emissions Coverage

All emissions-relevant components or systems are covered under the New Vehicle/Light Truck Limited Warranty for defects in materials or workmanship for a period of 4 years or 50,000 miles, whichever occurs first.

### Federal Emissions Warranties

#### Gasoline, Diesel, ActiveHybrid Vehicles, i3 with Range Extender (REx), and the i8 (Plug-in Hybrid)

##### General

All emissions-relevant components or systems are covered under the Federal Emissions System Defect Warranty for defects in materials or workmanship for a period of 2 years or 24,000 miles, whichever occurs first.

Since the BMW New Vehicle/Light Truck Limited Warranty coverage exceeds the Federal Emissions System Defect Warranty period, all eligible repairs are claimable under the New Vehicle/Light Truck Limited Warranty period.

##### Specific-Components

Specific emission-related components are covered under the Federal Emissions System Defect Warranty for defects in materials or workmanship for a period of 8 years or 80,000 miles, whichever occurs first.

This coverage is limited to the:

Catalytic Converter(s)\*, and the Engine Control Module (DME/DDE, including on-board diagnostic system).

\*For diesel engines, this includes the Selective Catalytic Reduction (SCR) catalyst and Diesel Particulate Filter (DPF).

#### BMW i3 with Range Extender (REx)

The following component and/or system are covered under the Federal Emission Warranty for a period for a period of 15 years or 150,000 miles, whichever occurs first.

Auxiliary Power Unit (APU)

## California Emission Control System Limited Warranties

#### Gasoline, Diesel, ActiveHybrid Vehicles, i3 with Range Extender (REx), and the i8 (Plug-in Hybrid)

##### 1. Short-Term Emission Warranty Coverage (California Emission Control Warranty)

All emissions-relevant components or systems on all models are covered under the California Emission Control Warranty for defects in materials or workmanship for a period of 3 years or 50,000 miles, whichever occurs first.

Since the BMW New Vehicle/SAV Limited Warranty coverage exceeds the Federal Emissions System Defect Warranty period, all eligible repairs are claimable under the New Vehicle/SAV Limited Warranty period.

## California Emission Control System Limited Warranties (Cont.)

### 2. Long-Term Emission Control Defects Warranty (California Emission Control System Limited Warranty)

Specific emission-related components are covered under the California Emission Control Warranty for defects in materials or workmanship for a period of 7 years or 70,000 miles, whichever occurs first.

Only high cost emission control components are covered by this warranty. The cost threshold is determined by the California Air Resource Board (CARB).

A complete list of the covered components for specific models is located in the specific vehicle's Service and Warranty Booklet or in this section of the manual.

### 3. Long-Term Emission Control Defects Warranty – Models Certified to Optional Standards (California Emission Control System Limited Warranty)

The California Air Resource Board (CARB), to address “fleet average” emissions, allows manufacturers to pursue an optional additional certification for specific models. This extends the Long-Term Emission Control Defects Warranty.

Specific emission-related components are covered under the optional additional certification for defects in materials or workmanship for a period of 8 years or 100,000 miles, whichever occurs first.

A list of the covered components for specific models is located in the vehicle's Service and Warranty Booklet.

Other States that have **fully adopted** these California Air Resource Board Statutes: **Items #1 through #3**

Participating States	Model Year(s)
Arizona	2012 Only
Connecticut	2008 and Newer
Maine	2001 and Newer
Maryland	2011 and Newer
Massachusetts	1995 and Newer
New Jersey	2009 and Newer
New Mexico	2011 Only
Oregon	2009 and Newer
Pennsylvania	2009 and Newer
Rhode Island	2008 and Newer
Vermont	2000 and Newer
Washington	2009 and Newer
New York	2016 and Newer

## California Emission States – SULEV (PZEV) Vehicles

### 4. Super Ultra Low Emission Vehicles (SULEV) classified as Partial Zero Emission Vehicles (PZEV) (Engine Types: M56, N51, N26, B46) (California Emission Control Warranty)

All emissions-relevant components or systems on SULEV (PZEV) vehicles, in applicable states as noted below, are covered under the California Emission Control Warranty against defects in materials or workmanship for a period of 15 years or 150,000 miles, whichever occurs first.

Other States that have **fully adopted** the SULEV (PZEV) “State of California regulation” by Model Year

Participating States	Model Year(s)
Arizona	2012 Only
California	2003 and Newer
Connecticut	2007 and Newer
Maine	2003 and Newer
Maryland	2011 and Newer
Massachusetts	2003 and Newer
New Jersey	2008 and Newer
New Mexico	2011 Only
New York	2003 and Newer
Pennsylvania	2009 & 2010
Rhode Island	2008 and Newer
Vermont	2003 and Newer

Other States that have **partially adopted** the SULEV (PZEV) “State of California regulation” by Model Year

Delaware	2014 and Newer
Oregon	2008 and Newer
Pennsylvania	2011 and Newer
Washington	2008 and Newer

Refer to the [California Emission States \(DE, OR, PA, WA\) – SULEV \(PZEV\)](#) Specific Coverage section of this manual that follows for more information.

## California Emission States (DE, OR, PA, WA) – SULEV (PZEV) Specific Coverage

### Delaware

#### 2014 Model Year and Newer

- Eligible SULEV (PZEV) cars registered in the state Delaware do not receive the extended SULEV (PZEV) warranty coverage.
- All eligible registered vehicles are covered by the California Emission Control Warranty (3/50, 7/70 or 8/100, if applicable).

### Oregon

#### 2008 Model Year

- Only 2008 MY SULEV (PZEV) cars registered in the State of Oregon are covered by the California Emission Control Warranty (3/50 and 7/70), but not the extended SULEV (PZEV) warranty.
- The Federal Emission Warranty applies to all the other 2008 MY non-SULEV (PZEV) models.

#### 2009 Model Year and Newer

- Eligible SULEV (PZEV) cars registered in the State of Oregon are covered by the California Emission Warranty (3/50 and 7/70 or 8/100 if applicable), but not the extended SULEV (PZEV) warranty.
- The California Emission Control Warranty (3/50, 7/70 or 8/100, if applicable) applies to all the other eligible registered non-SULEV models.

### Pennsylvania

#### 2009 & 2010 Model Year

All emissions-relevant components or systems on SULEV (PZEV) vehicles are covered under the California Emission Control Warranty against defects in materials or workmanship for a period of 15 years or 150,000 miles, whichever occurs first.

#### 2011 Model Year and Newer

- Eligible SULEV (PZEV) cars registered in the Commonwealth of Pennsylvania **do not** receive the extended SULEV (PZEV) warranty coverage.
- All eligible registered vehicles are covered by the California Emission Control Warranty (3/50, 7/70 or 8/100, if applicable).

### Washington State

#### 2008 Model Year

- SULEV (PZEV) cars registered in the State of Washington are covered by the California Emission Control System Limited Warranty (3/50, 7/70 or 8/100 if applicable), but not the extended SULEV (PZEV) warranty.
- The Federal Emission Warranty applies to all other 2008 MY non-SULEV (PZEV) models.

## 2009 Model Year and Newer

- SULEV (PZEV) cars registered in the State of Washington are covered by the California Emission Control System Limited Warranty (3/50, 7/70 or 8/100 if applicable), but not the extended SULEV (PZEV) warranty.
- All eligible registered vehicles are covered by the California Emission Control Warranty (3/50, 7/70 or 8/100, if applicable).

## Determining California Emission Control System Limited Warranties Coverage

To determine if a vehicle is eligible for the California Emission Control System Limited Warranties coverage, the following three items must be taken into consideration:

- Model year of the vehicle
- Current state where the vehicle is registered
- Original state where vehicle was retailed (only for vehicles prior to 2011 model year)

The California Emission Control System Limited Warranties was originally established in California, hence the name, by the California Air Resource Board (CARB). Over time, several other states have adopted all or some of the California statutes; therefore, eligible vehicles of these other states are entitled to all or some portion of this warranty.

### Model Year

Although a vehicle's emission coverage "start time" is based on the retail date, the Model Year is a major factor for determining the specific emission warranty coverage.

When a vehicle is sold, it is sold with the specific warranty coverage as outlined in the Service and Warranty Booklet. The coverage varies, based on the Model Year of the vehicle.

### Vehicle Registration and Original Retail State

The California Emission Control System Limited Warranty applies to a vehicle that is registered in a CARB compliant state. BMW vehicles not initially retailed, leased or currently registered in one of these "CARB compliant states" are not eligible for this coverage.

The California Emission Control System Limited Warranty applies to a vehicle that is **registered** in a CARB compliant state, regardless of the original retail state, **when the model year applies**.

### Emission Coverage - 2011 Model Year and Newer BMW Vehicles

The statement in the Service and Warranty Booklet is:

The California Emission Control System Limited Warranty applies to all [applicable model year] U.S.-specification BMW [models] **registered in** [specific states - list].

### Emission Coverage - BMW Vehicles up to and including 2010 Model Year

The statement in the Service and Warranty Booklet is:

The California Emission Control System Limited Warranty applies to all [applicable model year] U.S.-specification BMW vehicles **sold, leased, and/or registered** in [specific states - list].

## 2003 BMW SULEV (PZEV) Parts List - M56 Vehicles

<b>2003 BMW Emissions Related Parts List</b>
<b>Model = 328i Sedan, Coupe and Wagon</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>
OIL FILLER CAP
CYLINDER HEAD COVER GASKET
GASKET, CYL. HEAD COVER
CRANKCASE VENT HOSE
SOLENOID VALVE (VANOS UNIT)
VANOS UNIT
DIPSTICK
O-RING, DIPSTICK
THERMOSTAT W/HOUSING
NON-RETURN VALVE (SECONDARY AIR, VACUUM)
GASKET, IDLE CONTROL VALVE
INTAKE RUNNER ADJUSTER UNIT
VACUUM HOSE ASSEMBLY
INTAKE MANIFOLD
INTAKE MANIFOLD GASKET
EXHAUST MANIFOLD GASKET
MASS AIR FLOW SENSOR (SAS)
PRESSURE HOSE ASSEMBLY (SAS)
SUCTION HOSE (SAS)
SECONDARY AIR PUMP
VALVE (SECONDARY AIR PUMP)
VACUUM HOSE
VACUUM PIPE
SOLENOID VALVE (SECONDARY AIR)
HEATED OXYGEN SENSOR, MONITORING
HEATED OXYGEN SENSOR, REGULATING
IGNITION COIL
KNOCK SENSOR
PULSE GENERATOR, CAMSHAFT
PULSE GENERATOR, CRANKSHAFT
O-RING (FOR PULSE GENERATOR)
BASIC DME UNIT, MS45.1



2003 BMW SULEV (PZEV) Parts List - M56 Vehicles (Cont.)

2003 BMW Emissions Related Parts List	
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY	
Part Name	
OIL PRESSURE SWITCH	
IDLE REGULATING VALVE	
FUEL RAIL	
INJECTION VALVE	
INTAKE AIR HOSE	
PROFILE GASKET	
THROTTLE HOUSING ASSEMBLY	
ENGINE COOLANT TEMPERATURE SENSOR	
TEMPERATURE SENSOR (LUBE OIL)	
TEMPERATURE SENSOR, RADIATOR OUTLET	
MASS AIR FLOW SENSOR	
O-RING (FOR INJECTION VALVE)	
PURGE VALVE	
FUEL TANK BREATHER LINE	
FUEL FILLER CAP	
VENT PIPE, DUST FILTER	
VENT PIPE	
FUEL TANK WITH FILLER NECK	
CARBON CANISTER, METAL	
VENT PIPE	
FUEL FEED LINE	
SCAVENGING LINE FRONT	
VENT PIPE	
LEAK DIAGNOSTIC PUMP	
DUST FILTER	
SCAVENGING LINE REAR	
CONTROL MODULE FOR FUEL PUMP	
COOLING UNIT INCL. DOR SYSTEM	
EXHAUST PIPE GASKET	
CATALYTIC CONVERTER	
EXHAUST MANIFOLD WITH CATALYST	
TRANSMISSION SPEED SENSOR	
TRANSMISSION SOLENOID VALVE	
WIRING HARNESS WITH TEMPERATURE SENSOR	
TRANSMISSION SPEED SENSOR	
TRANSMISSION CONTROL UNIT SET	
TORQUE CONVERTER	

2003 BMW SULEV (PZEV) Parts List - M56 Vehicles (Cont.)

<b>2003 BMW Emissions Related Parts List</b>	
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	
<b>Part Name</b>	
CONTROL UNIT, EGS, PROGRAMMED	
ACCELERATOR PEDAL MODULE, AUTOMATIC	

2004 BMW SULEV (PZEV) Parts List - M56 Vehicles

2004 BMW Emissions Related Parts List
Model = 328i Sedan, Coupe and Wagon
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
OIL FILLER CAP
CYLINDER HEAD COVER GASKET
GASKET, CYL. HEAD COVER
CRANKCASE VENT HOSE
SOLENOID VALVE (VANOS UNIT)
VANOS UNIT
DIPSTICK
O-RING, DIPSTICK
THERMOSTAT W/HOUSING
NON-RETURN VALVE (SECONDARY AIR, VACUUM)
GASKET, IDLE CONTROL VALVE
INTAKE RUNNER ADJUSTER UNIT
VACUUM HOSE ASSEMBLY
INTAKE MANIFOLD
INTAKE MANIFOLD GASKET
EXHAUST MANIFOLD GASKET
MASS AIR FLOW SENSOR (SAS)
PRESSURE HOSE ASSEMBLY (SAS)
SUCTION HOSE (SAS)
SECONDARY AIR PUMP
VALVE (SECONDARY AIR PUMP)
VACUUM HOSE
VACUUM PIPE
SOLENOID VALVE (SECONDARY AIR)
HEATED OXYGEN SENSOR, MONITORING
HEATED OXYGEN SENSOR, REGULATING
IGNITION COIL
KNOCK SENSOR
PULSE GENERATOR, CAMSHAFT
PULSE GENERATOR, CRANKSHAFT
O-RING (FOR PULSE GENERATOR)
BASIC DME UNIT, MS45.1
PROGRAMMED DME UNIT, MS45.1
BASIC DME UNIT, MS45.1
OIL PRESSURE SWITCH
IDLE REGULATING VALVE
FUEL RAIL
INJECTION VALVE
INTAKE AIR HOSE
PROFILE GASKET
THROTTLE HOUSING ASSEMBLY
ENGINE COOLANT TEMPERATURE SENSOR
TEMPERATURE SENSOR (LUBE OIL)
TEMPERATURE SENSOR, RADIATOR OUTLET

## 2004 BMW SULEV (PZEV) Parts List - M56 Vehicles (Cont.)

2004 BMW Emissions Related Parts List
Model = 328i Sedan, Coupe and Wagon
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
PURGE VALVE
FUEL TANK BREATHER LINE
FUEL FILLER CAP
VENT PIPE, DUST FILTER
VENT PIPE
FUEL TANK WITH FILLER NECK
CARBON CANISTER, METAL
VENT PIPE
FUEL FEED LINE
SCAVENGING LINE FRONT
VENT PIPE
LEAK DIAGNOSTIC PUMP
DUST FILTER
SCAVENGING LINE REAR
CONTROL MODULE FOR FUEL PUMP
COOLING UNIT INCL. DOR SYSTEM
EXHAUST PIPE GASKET
CATALYTIC CONVERTER
EXHAUST MANIFOLD WITH CATALYST
TRANSMISSION SPEED SENSOR
TRANSMISSION SOLENOID VALVE
WIRING HARNESS WITH TEMPERATURE SENSOR
TRANSMISSION SPEED SENSOR
TRANSMISSION CONTROL UNIT SET
TORQUE CONVERTER
CONTROL UNIT, EGS, BASIC
CONTROL UNIT, EGS, PROGRAMMED
ACCELERATOR PEDAL MODULE, AUTOMATIC

## 2005 BMW SULEV (PZEV) Parts List - M56 Vehicles

2005 BMW Emissions Related Parts List
Model = 328i Sedan, Coupe and Wagon
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
OIL FILLER CAP
CYLINDER HEAD COVER GASKET
GASKET, CYL. HEAD COVER
CRANKCASE VENT HOSE
SOLENOID VALVE (VANOS UNIT)
VANOS UNIT
DIPSTICK
O-RING, DIPSTICK
THERMOSTAT W/HOUSING
NON-RETURN VALVE (SECONDARY AIR, VACUUM)
GASKET, IDLE CONTROL VALVE
INTAKE RUNNER ADJUSTER UNIT
VACUUM HOSE ASSEMBLY
INTAKE MANIFOLD
INTAKE MANIFOLD GASKET
EXHAUST MANIFOLD GASKET
MASS AIR FLOW SENSOR (SAS)
PRESSURE HOSE ASSEMBLY (SAS)
SUCTION HOSE (SAS)
SECONDARY AIR PUMP
VALVE (SECONDARY AIR PUMP)
VACUUM HOSE
VACUUM PIPE
SOLENOID VALVE (SECONDARY AIR)
HEATED OXYGEN SENSOR, MONITORING
HEATED OXYGEN SENSOR, REGULATING
IGNITION COIL
KNOCK SENSOR
PULSE GENERATOR, CAMSHAFT
PULSE GENERATOR, CRANKSHAFT
O-RING (FOR PULSE GENERATOR)
BASIC DME UNIT, MS45.1
PROGRAMMED DME UNIT, MS45.1

## 2005 BMW SULEV (PZEV) Parts List - M56 Vehicles (Con't)

<b>2005 BMW Emissions Related Parts List</b>	
<b>Model = 328i Sedan, Coupe and Wagon</b>	
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	
<b>Part Name</b>	
PROGRAMMED DME UNIT, MS45.1	
OIL PRESSURE SWITCH	
IDLE REGULATING VALVE	
FUEL RAIL	
INJECTION VALVE	
INTAKE AIR HOSE	
PROFILE GASKET	
THROTTLE HOUSING ASSEMBLY	
ENGINE COOLANT TEMPERATURE SENSOR	
TEMPERATURE SENSOR (LUBE OIL)	
TEMPERATURE SENSOR, RADIATOR OUTLET	
MASS AIR FLOW SENSOR	
O-RING (FOR INJECTION VALVE)	
PURGE VALVE	
FUEL TANK BREATHER LINE	
FUEL FILLER CAP	
VENT PIPE, DUST FILTER	
VENT PIPE	
FUEL TANK WITH FILLER NECK	
CARBON CANISTER, METAL	
VENT PIPE	
FUEL FEED LINE	
SCAVENGING LINE FRONT	
VENT PIPE	
LEAK DIAGNOSTIC PUMP	
DUST FILTER	
SCAVENGING LINE REAR	
CONTROL MODULE FOR FUEL PUMP	
COOLING UNIT INCL. DOR SYSTEM	
EXHAUST PIPE GASKET	
CATALYTIC CONVERTER	
EXHAUST MANIFOLD WITH CATALYST	
TRANSMISSION SPEED SENSOR	
TRANSMISSION SOLENOID VALVE	
WIRING HARNESS WITH TEMPERATURE SENSOR	
TRANSMISSION SPEED SENSOR	
TRANSMISSION CONTROL UNIT SET	
TORQUE CONVERTER	
CONTROL UNIT, EGS, BASIC	
CONTROL UNIT, EGS, PROGRAMMED	
ACCELERATOR PEDAL MODULE, AUTOMATIC	

2006 BMW SULEV (PZEV) Parts List - M56 Vehicles

2006 BMW Emissions Related Parts List
Model = 328i Coupe
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
OIL FILLER CAP
CYLINDER HEAD COVER GASKET
GASKET, CYL. HEAD COVER
CRANKCASE VENT HOSE
SOLENOID VALVE (VANOS UNIT)
VANOS UNIT
DIPSTICK
O-RING, DIPSTICK
THERMOSTAT W/HOUSING
NON-RETURN VALVE (SECONDARY AIR, VACUUM)
GASKET, IDLE CONTROL VALVE
INTAKE RUNNER ADJUSTER UNIT
VACUUM HOSE ASSEMBLY
INTAKE MANIFOLD
INTAKE MANIFOLD GASKET
EXHAUST MANIFOLD GASKET
MASS AIR FLOW SENSOR (SAS)
PRESSURE HOSE ASSEMBLY (SAS)
SUCTION HOSE (SAS)
SECONDARY AIR PUMP
VALVE (SECONDARY AIR PUMP)
VACUUM HOSE
VACUUM PIPE
SOLENOID VALVE (SECONDARY AIR)
HEATED OXYGEN SENSOR, MONITORING
HEATED OXYGEN SENSOR, REGULATING
IGNITION COIL
KNOCK SENSOR
PULSE GENERATOR, CAMSHAFT
PULSE GENERATOR, CRANKSHAFT
O-RING (FOR PULSE GENERATOR)
BASIC DME UNIT, MS45.1
PROGRAMMED DME UNIT, MS45.1
OIL PRESSURE SWITCH
IDLE REGULATING VALVE
FUEL RAIL
INJECTION VALVE
INTAKE AIR HOSE
PROFILE GASKET
THROTTLE HOUSING ASSEMBLY
ENGINE COOLANT TEMPERATURE SENSOR
TEMPERATURE SENSOR (LUBE OIL)

2006 BMW SULEV (PZEV) Parts List - M56 Vehicles (Cont.)

2006 BMW Emissions Related Parts List
Model = 328i Coupe
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
FUEL TANK BREATHER LINE
FUEL FILLER CAP
VENT PIPE, DUST FILTER
VENT PIPE
FUEL TANK WITH FILLER NECK
CARBON CANISTER, METAL
VENT PIPE
FUEL FEED LINE
SCAVENGING LINE FRONT
VENT PIPE
LEAK DIAGNOSTIC PUMP
DUST FILTER
SCAVENGING LINE REAR
CONTROL MODULE FOR FUEL PUMP
COOLING UNIT INCL. DOR SYSTEM
EXHAUST PIPE GASKET
CATALYTIC CONVERTER
EXHAUST MANIFOLD WITH CATALYST
TRANSMISSION SPEED SENSOR
TRANSMISSION SOLENOID VALVE
WIRING HARNESS WITH TEMPERATURE SENSOR
TRANSMISSION SPEED SENSOR
TRANSMISSION CONTROL UNIT SET
TORQUE CONVERTER
CONTROL UNIT, EGS, BASIC
CONTROL UNIT, EGS, PROGRAMMED
ACCELERATOR PEDAL MODULE, AUTOMATIC



2007 BMW SULEV (PZEV) Parts List - N51 Vehicles

2007 BMW Emissions Related Parts List
Model = 328i
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP
VALVE COVER GASKET SET
VACUUM PIPE
VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE
ADJUSTMENT UNIT, EXHAUST CAMSHAFT
VALVETRONIC SENSOR
VALVETRONIC ACTUATOR
THERMOSTAT
SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR
INTAKE MANIFOLD ADJUSTER (REAR)
SAS VALVE GASKET
SECONDARY AIR PUMP
SUCTION HOSE, SAS
SAS VALVE
PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR
IGNITION COIL
O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE
OIL PRESSURE SENSOR
CAP
INJECTION VALVE
FUEL RAIL
THROTTLE BODY GASKET
THROTTLE BODY
ENGINE COOLANT TEMP SENSOR
RADIATOR COOLANT TEMPERATURE SENSOR
DIFFERENTIAL PRESSURE SENSOR O-RING
CAMSHAFT SENSOR
CRANKSHAFT POSITION/RPM SENSOR
DIFFERENTIAL PRESSURE SENSOR
MASS AIR FLOW SENSOR
KNOCK SENSOR
INJECTION VALVE O-RING

2007 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

2007 BMW Emissions Related Parts List	
Model = 328i	
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY	
Part Name	
REPAIR KIT FOR FLANGE COVER	
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	
REPAIR KIT FOR FUEL TANK FILLER FLAP	
FUEL FILLER NECK	
FUEL FEED LINE	
FUEL LINE (UNDERBODY)	
SEAL, CANISTER-TO-LDP	
DUST FILTER, LDP	
SCAVENGE LINE	
VENT LINE (FILLER NECK-TO-TANK)	
LEAK DIAGNOSTIC PUMP	
EVAPORATIVE CANISTER	
FUEL PUMP CONTROL UNIT	
DELIVERY UNIT, RIGHT	
FUEL PUMP CONTROL UNIT	
RADIATOR W/DORS (AUTOMATIC TRANS)	
RADIATOR W/DORS (MANUAL TRANS)	
EXHAUST PIPE GASKET	
EXHAUST PIPE WITH CATALYST	
EXHAUST MANIFOLD GASKET	
EXHAUST MANIFOLD WITH CATALYST	
TORQUE CONVERTER	
TRANSMISSION CONTROL MODULE, MECHATRONIK	
GAS PEDAL MODULE (AUTOMATIC)	
GAS PEDAL MODULE (MANUAL)	

2008 BMW SULEV (PZEV) Parts List - N51 Vehicles

<b>2008 BMW Emissions Related Parts List</b>	
<b>Model = 128i</b>	<b>Model = 328i</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
VALVE COVER GASKET SET	VALVE COVER GASKET SET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	ADJUSTMENT UNIT, EXHAUST CAMSHAFT
SOLENOID VALVE	VALVETRONIC SENSOR
VALVETRONIC SENSOR	VALVETRONIC ACTUATOR
VALVETRONIC ACTUATOR	THERMOSTAT
THERMOSTAT	SET INTAKE MANIFOLD GASKET
SET INTAKE MANIFOLD GASKET	INTAKE MANIFOLD
INTAKE MANIFOLD	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (FRONT)
INTAKE MANIFOLD ADJUSTER (FRONT)	ANGLE CONNECTOR
ANGLE CONNECTOR	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (REAR)	SAS VALVE GASKET
SAS VALVE GASKET	SECONDARY AIR PUMP
SECONDARY AIR PUMP	SUCTION HOSE, SAS
SUCTION HOSE, SAS	SAS VALVE
SAS VALVE	PRESSURE HOSE, SAS
PRESSURE HOSE, SAS	HEATED REAR OXYGEN SENSOR
HEATED REAR OXYGEN SENSOR	HEATED FRONT OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR	IGNITION COIL
IGNITION COIL	O-RING, CAMSHAFT SENSOR
O-RING, CAMSHAFT SENSOR	ENGINE CONTROL MODULE
ENGINE CONTROL MODULE	OIL PRESSURE SENSOR
OIL PRESSURE SENSOR	CAP
CAP	INJECTION VALVE
FUEL RAIL	FUEL RAIL
INJECTION VALVE	THROTTLE BODY GASKET
THROTTLE BODY GASKET	THROTTLE BODY
THROTTLE BODY	ENGINE COOLANT TEMP SENSOR
ENGINE COOLANT TEMP SENSOR	RADIATOR COOLANT TEMPERATURE SENSOR
RADIATOR COOLANT TEMPERATURE SENSOR	DIFFERENTIAL PRESSURE SENSOR O-RING
DIFFERENTIAL PRESSURE SENSOR O-RING	CAMSHAFT SENSOR
CAMSHAFT SENSOR	CRANKSHAFT POSITION/RPM SENSOR
CRANKSHAFT POSITION/RPM SENSOR	DIFFERENTIAL PRESSURE SENSOR
DIFFERENTIAL PRESSURE SENSOR	MASS AIR FLOW SENSOR

## 2008 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2008 BMW Emissions Related Parts List</b>	
<b>Model = 128i</b>	<b>Model = 328i</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
MASS AIR FLOW SENSOR	KNOCK SENSOR
KNOCK SENSOR	INJECTION VALVE O-RING
INJECTION VALVE O-RING	RUBBER BOOT (INTAKE AIR DUCT)
RUBBER BOOT (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
CONNECTOR (INTAKE AIR DUCT)	PURGE VALVE
PURGE VALVE	FUEL FILLER CAP
FUEL FILLER CAP	FUEL TANK
SERVICE LID FOR FUEL TANK, RIGHT	SERVICE LID FOR FUEL TANK, RIGHT
FUEL TANK	REPAIR KIT FOR FLANGE COVER
REPAIR KIT FOR FLANGE COVER	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	REPAIR KIT FOR FUEL TANK FILLER FLAP
REPAIR KIT FOR FUEL TANK FILLER FLAP	FUEL FILLER NECK
FUEL FILLER NECK	FUEL FEED LINE
FUEL LINE (UNDERBODY)	FUEL LINE (UNDERBODY)
FUEL FEED LINE	SEAL, CANISTER-TO-LDP
SEAL, CANISTER-TO-LDP	DUST FILTER, LDP
DUST FILTER, LDP	SCAVENGE LINE
VENT LINE (FILLER NECK-TO-TANK)	VENT LINE (FILLER NECK-TO-TANK)
VENT PIPE (FILLER NECK-TO-CANISTER)	LEAK DIAGNOSTIC PUMP
LEAK DIAGNOSTIC PUMP	EVAPORATIVE CANISTER
SCAVENGE LINE	FUEL PUMP CONTROL UNIT
EVAPORATIVE CANISTER	DELIVERY UNIT, RIGHT
FUEL PUMP CONTROL UNIT	FUEL PUMP CONTROL UNIT
DELIVERY UNIT, RIGHT	RADIATOR W/DORS (AUTOMATIC TRANS)
FUEL PUMP CONTROL UNIT	RADIATOR W/DORS (MANUAL TRANS)
RADIATOR W/DORS (AUTOMATIC TRANS)	EXHAUST PIPE GASKET
RADIATOR W/DORS (MANUAL TRANS)	EXHAUST PIPE WITH CATALYST
EXHAUST PIPE GASKET	EXHAUST MANIFOLD GASKET
EXHAUST PIPE WITH CATALYST	EXHAUST MANIFOLD WITH CATALYST
EXHAUST MANIFOLD GASKET	TORQUE CONVERTER
EXHAUST MANIFOLD WITH CATALYST	TRANS. CONTROL MODULE, MECHATRONIK
TORQUE CONVERTER	GAS PEDAL MODULE (AUTOMATIC)
TRANSMISSION CONTROL MODULE, MECHATRONIK	GAS PEDAL MODULE (MANUAL)
GAS PEDAL MODULE (AUTOMATIC)	
GAS PEDAL MODULE (MANUAL)	

2009 BMW SULEV (PZEV) Parts List - N51 Vehicles

<b>2009 BMW Emissions Related Parts List</b>	
<b>Model = 128i</b>	<b>Model = 328i</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
VALVE COVER GASKET SET	VALVE COVER GASKET SET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT SOLENOID VALVE	ADJUSTMENT UNIT, INTAKE CAMSHAFT SOLENOID VALVE
ADJUSTMENT UNIT, EXHAUST CAMSHAFT SOLENOID VALVE	ADJUSTMENT UNIT, EXHAUST CAMSHAFT SOLENOID VALVE
VALVETRONIC SENSOR	VALVETRONIC SENSOR
VALVETRONIC ACTUATOR	VALVETRONIC ACTUATOR
THERMOSTAT	THERMOSTAT
SET INTAKE MANIFOLD GASKET	SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD	INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (FRONT)	INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR	ANGLE CONNECTOR
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
SAS VALVE GASKET	SAS VALVE GASKET
SECONDARY AIR PUMP	SECONDARY AIR PUMP
SUCTION HOSE, SAS	SUCTION HOSE, SAS
SAS VALVE	SAS VALVE
PRESSURE HOSE, SAS	PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR	HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR	HEATED FRONT OXYGEN SENSOR
IGNITION COIL	IGNITION COIL
O-RING, CAMSHAFT SENSOR	O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE	ENGINE CONTROL MODULE
OIL PRESSURE SENSOR	OIL PRESSURE SENSOR
CAP	CAP
FUEL RAIL	FUEL RAIL
INJECTION VALVE	INJECTION VALVE
THROTTLE BODY GASKET	THROTTLE BODY GASKET
THROTTLE BODY	THROTTLE BODY
ENGINE COOLANT TEMP SENSOR	ENGINE COOLANT TEMP SENSOR
RADIATOR COOLANT TEMPERATURE SENSOR	RADIATOR COOLANT TEMPERATURE SENSOR
DIFFERENTIAL PRESSURE SENSOR O-RING	DIFFERENTIAL PRESSURE SENSOR O-RING
CAMSHAFT SENSOR	CAMSHAFT SENSOR
CRANKSHAFT POSITION/RPM SENSOR	CRANKSHAFT POSITION/RPM SENSOR
DIFFERENTIAL PRESSURE SENSOR	DIFFERENTIAL PRESSURE SENSOR
MASS AIR FLOW SENSOR	MASS AIR FLOW SENSOR
KNOCK SENSOR	KNOCK SENSOR
	INJECTION VALVE O-RING

## BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2009 BMW Emissions Related Parts List</b>	
<b>Model = 128i</b>	<b>Model = 328i</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
INJECTION VALVE O-RING	RUBBER BOOT (INTAKE AIR DUCT)
RUBBER BOOT (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
CONNECTOR (INTAKE AIR DUCT)	PURGE VALVE
PURGE VALVE	FUEL FILLER CAP
FUEL FILLER CAP	FUEL TANK
SERVICE LID FOR FUEL TANK, RIGHT	SERVICE LID FOR FUEL TANK, RIGHT
FUEL TANK	REPAIR KIT FOR FLANGE COVER
REPAIR KIT FOR FLANGE COVER	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	REPAIR KIT FOR FUEL TANK FILLER FLAP
REPAIR KIT FOR FUEL TANK FILLER FLAP	FUEL FILLER NECK
FUEL FILLER NECK	FUEL FEED LINE
FUEL LINE (UNDERBODY)	FUEL LINE (UNDERBODY)
FUEL FEED LINE	SEAL, CANISTER-TO-LDP
SEAL, CANISTER-TO-LDP	DUST FILTER, LDP
DUST FILTER, LDP	SCAVENGE LINE
VENT LINE (FILLER NECK-TO-TANK)	VENT LINE (FILLER NECK-TO-TANK)
VENT PIPE (FILLER NECK-TO-CANISTER)	LEAK DIAGNOSTIC PUMP
LEAK DIAGNOSTIC PUMP	EVAPORATIVE CANISTER
SCAVENGE LINE	FUEL PUMP CONTROL UNIT
EVAPORATIVE CANISTER	DELIVERY UNIT, RIGHT
FUEL PUMP CONTROL UNIT	FUEL PUMP CONTROL UNIT
DELIVERY UNIT, RIGHT	RADIATOR W/DORS (AUTOMATIC TRANS)
FUEL PUMP CONTROL UNIT	RADIATOR W/DORS (MANUAL TRANS)
RADIATOR W/DORS (AUTOMATIC TRANS)	EXHAUST PIPE GASKET
RADIATOR W/DORS (MANUAL TRANS)	EXHAUST PIPE WITH CATALYST
EXHAUST PIPE GASKET	EXHAUST MANIFOLD GASKET
EXHAUST PIPE WITH CATALYST	EXHAUST MANIFOLD WITH CATALYST
EXHAUST MANIFOLD GASKET	TORQUE CONVERTER
EXHAUST MANIFOLD WITH CATALYST	TRANS. CONTROL MODULE, MECHATRONIK
TORQUE CONVERTER	GAS PEDAL MODULE (AUTOMATIC)
TRANS. CONTROL MODULE, MECHATRONIK	GAS PEDAL MODULE (MANUAL)
GAS PEDAL MODULE (AUTOMATIC)	
GAS PEDAL MODULE (MANUAL)	

## 2010 BMW SULEV (PZEV) Parts List - N51 Vehicles

<b>2010 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series</b>	<b>Model = 328i Series</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
CYLINDER HEAD COVER GASKET	CYLINDER HEAD COVER GASKET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	ADJUSTMENT UNIT, EXHAUST CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
VALVETRONIC SENSOR	VALVETRONIC SENSOR
VALVETRONIC ACTUATOR	VALVETRONIC ACTUATOR
THERMOSTAT	THERMOSTAT
O-RING, ANGLE CONNECTOR	O-RING, ANGLE CONNECTOR
SET INTAKE MANIFOLD GASKET	SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD	INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (FRONT)	INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR	ANGLE CONNECTOR
SAS VALVE GASKET	SAS VALVE GASKET
SECONDARY AIR PUMP	SECONDARY AIR PUMP
SUCTION HOSE, SAS	SUCTION HOSE, SAS
SAS VALVE	SAS VALVE
PRESSURE HOSE, SAS	PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR	HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR	HEATED FRONT OXYGEN SENSOR
IGNITION COIL	IGNITION COIL
O-RING, CAMSHAFT SENSOR	O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE	ENGINE CONTROL MODULE
OIL PRESSURE SENSOR	OIL PRESSURE SENSOR
CAP	CAP
FUEL RAIL	FUEL RAIL
INJECTION VALVE	INJECTION VALVE
THROTTLE BODY GASKET	THROTTLE BODY GASKET
THROTTLE BODY	THROTTLE BODY
ENGINE COOLANT TEMP SENSOR	ENGINE COOLANT TEMP SENSOR
RADIATOR COOLANT TEMPERATURE SENSOR	RADIATOR COOLANT TEMP. SENSOR
DIFFERENTIAL PRESSURE SENSOR O-RING	DIFFERENTIAL PRESSURE SENSOR O-RING
CAMSHAFT SENSOR	CAMSHAFT SENSOR
CRANKSHAFT POSITION/RPM SENSOR	CRANKSHAFT POSITION/RPM SENSOR

## 2010 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2010 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series</b>	<b>Model = 328i Series</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
DIFFERENTIAL PRESSURE SENSOR	DIFFERENTIAL PRESSURE SENSOR
MASS AIR FLOW SENSOR	MASS AIR FLOW SENSOR
KNOCK SENSOR	KNOCK SENSOR
DIFFERENTIAL PRESSURE SENSOR	DIFFERENTIAL PRESSURE SENSOR
INJECTION VALVE O-RING	INJECTION VALVE O-RING
RUBBER BOOT (INTAKE AIR DUCT)	RUBBER BOOT (INTAKE AIR DUCT)
CONNECTOR (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
PURGE VALVE	PURGE VALVE
FUEL FILLER CAP	FUEL FILLER CAP
SERVICE LID FOR FUEL TANK, RIGHT	SERVICE LID FOR FUEL TANK, RIGHT
RETAINER, FUEL TANK UNIT, RIGHT	FUEL TANK
FUEL TANK	REPAIR KIT FOR FLANGE COVER
REPAIR KIT FOR FLANGE COVER	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	REPAIR KIT FOR FUEL TANK FILLER FLAP
REPAIR KIT FOR FUEL TANK FILLER FLAP	FUEL FILLER NECK
FUEL FILLER NECK	FUEL LEVEL SENSOR, RIGHT
FUEL LEVEL SENSOR, RIGHT	FUEL LINE (UNDERBODY)
FUEL LINE (UNDERBODY)	FUEL FEED LINE
FUEL FEED LINE	SEAL, CANISTER-TO-LDP
SEAL, CANISTER-TO-LDP	DUST FILTER, LDP
DUST FILTER, LDP	SCAVENGE LINE
VENT LINE (FILLER NECK-TO-TANK)	VENT PIPE (FILLER NECK-TO-CANISTER)
VENT PIPE (FILLER NECK-TO-CANISTER)	VENT PIPE (DUST FILTER-TO-LDP)
SCAVENGE LINE	LEAK DIAGNOSTIC PUMP
VENT PIPE (DUST FILTER-TO-LDP)	EVAPORATIVE CANISTER
LEAK DIAGNOSTIC PUMP	DELIVERY UNIT, RIGHT
EVAPORATIVE CANISTER	FUEL PUMP CONTROL UNIT
DELIVERY UNIT, RIGHT	RADIATOR W/DORS (AUTOMATIC TRANS)
FUEL PUMP CONTROL UNIT	RADIATOR W/DORS (MANUAL TRANS)
RADIATOR W/DORS (AUTOMATIC TRANS)	EXHAUST PIPE GASKET
RADIATOR W/DORS (MANUAL TRANS)	EXHAUST PIPE WITH CATALYST
EXHAUST PIPE GASKET	EXHAUST MANIFOLD GASKET
EXHAUST PIPE WITH CATALYST	EXHAUST MANIFOLD WITH CATALYST
EXHAUST MANIFOLD GASKET	TORQUE CONVERTER
EXHAUST MANIFOLD WITH CATALYST	TRANS. CONTROL MODULE, MECHATRONIK
TORQUE CONVERTER	GAS PEDAL MODULE (AUTOMATIC)
TRANSMISSION CONTROL MODULE, MECHATRONIK	GAS PEDAL MODULE (MANUAL)
GAS PEDAL MODULE (MANUAL)	
GAS PEDAL MODULE (AUTOMATIC)	



## 2011 BMW SULEV (PZEV) Parts List - N51 Vehicles

<b>2011 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series SULEV-PZEV</b>	<b>Model = 328i Series SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
CYLINDER HEAD COVER GASKET	CYLINDER HEAD COVER GASKET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	ADJUSTMENT UNIT, EXHAUST CAMSHAFT
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
VALVETRONIC SENSOR	VALVETRONIC SENSOR
VALVETRONIC ACTUATOR	VALVETRONIC ACTUATOR
THERMOSTAT	THERMOSTAT
O-RING, ANGLE CONNECTOR	O-RING, ANGLE CONNECTOR
SET INTAKE MANIFOLD GASKET	SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD	INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (FRONT)	INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR	ANGLE CONNECTOR
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
SAS VALVE GASKET	SAS VALVE GASKET
SECONDARY AIR PUMP	SECONDARY AIR PUMP
SUCTION HOSE, SAS	SUCTION HOSE, SAS
SAS VALVE	SAS VALVE
PRESSURE HOSE, SAS	PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR	HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR	HEATED FRONT OXYGEN SENSOR
IGNITION COIL	IGNITION COIL
O-RING, CAMSHAFT SENSOR	O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE	ENGINE CONTROL MODULE
OIL PRESSURE SENSOR	OIL PRESSURE SENSOR
CAP	CAP
FUEL RAIL	FUEL RAIL
INJECTION VALVE	INJECTION VALVE
THROTTLE BODY GASKET	THROTTLE BODY GASKET
THROTTLE BODY	THROTTLE BODY
ENGINE COOLANT TEMP SENSOR	ENGINE COOLANT TEMP SENSOR
RADIATOR COOLANT TEMPERATURE SENSOR	RADIATOR COOLANT TEMPERATURE SENSOR
DIFFERENTIAL PRESSURE SENSOR O-RING	DIFFERENTIAL PRESSURE SENSOR O-RING
CAMSHAFT SENSOR	CAMSHAFT SENSOR

## 2011 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2011 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series SULEV-PZEV</b>	<b>Model = 328i Series SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
CRANKSHAFT POSITION/RPM SENSOR	CRANKSHAFT POSITION/RPM SENSOR
DIFFERENTIAL PRESSURE SENSOR	DIFFERENTIAL PRESSURE SENSOR
MASS AIR FLOW SENSOR	MASS AIR FLOW SENSOR
KNOCK SENSOR	KNOCK SENSOR
DIFFERENTIAL PRESSURE SENSOR	DIFFERENTIAL PRESSURE SENSOR
INJECTION VALVE O-RING	INJECTION VALVE O-RING
RUBBER BOOT (INTAKE AIR DUCT)	RUBBER BOOT (INTAKE AIR DUCT)
CONNECTOR (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
PURGE VALVE	PURGE VALVE
FUEL FILLER CAP	FUEL FILLER CAP
SERVICE LID FOR FUEL TANK, RIGHT	SERVICE LID FOR FUEL TANK, RIGHT
RETAINER, FUEL TANK UNIT, RIGHT	FUEL TANK
FUEL TANK	REPAIR KIT FOR FLANGE COVER
REPAIR KIT FOR FLANGE COVER	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	REPAIR KIT FOR FUEL TANK FILLER FLAP
REPAIR KIT FOR FUEL TANK FILLER FLAP	FUEL FILLER NECK
FUEL FILLER NECK	FUEL LEVEL SENSOR, RIGHT
FUEL LEVEL SENSOR, RIGHT	FUEL LINE (UNDERBODY)
FUEL LINE (UNDERBODY)	FUEL FEED LINE
FUEL FEED LINE	SEAL, CANISTER-TO-LDP
SEAL, CANISTER-TO-LDP	DUST FILTER, LDP
DUST FILTER, LDP	SCAVENGE LINE
VENT LINE (FILLER NECK-TO-TANK)	VENT PIPE (FILLER NECK-TO-CANISTER)
VENT PIPE (FILLER NECK-TO-CANISTER)	VENT PIPE (DUST FILTER-TO-LDP)
SCAVENGE LINE	LEAK DIAGNOSTIC PUMP
VENT PIPE (DUST FILTER-TO-LDP)	EVAPORATIVE CANISTER
LEAK DIAGNOSTIC PUMP	DELIVERY UNIT, RIGHT
EVAPORATIVE CANISTER	FUEL PUMP CONTROL UNIT
DELIVERY UNIT, RIGHT	RADIATOR W/DORS (AUTOMATIC TRANS)
FUEL PUMP CONTROL UNIT	RADIATOR W/DORS (MANUAL TRANS)
RADIATOR W/DORS (AUTOMATIC TRANS)	EXHAUST PIPE GASKET
RADIATOR W/DORS (MANUAL TRANS)	EXHAUST PIPE WITH CATALYST
EXHAUST PIPE GASKET	EXHAUST MANIFOLD GASKET
EXHAUST PIPE WITH CATALYST	EXHAUST MANIFOLD WITH CATALYST
EXHAUST MANIFOLD GASKET	TORQUE CONVERTER
EXHAUST MANIFOLD WITH CATALYST	TRANS. CONTROL MODULE, MECHATRONIK
TORQUE CONVERTER	GAS PEDAL MODULE (AUTOMATIC)

2011 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2011 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series SULEV-PZEV</b>	<b>Model = 328i Series SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
GAS PEDAL MODULE (MANUAL)	GAS PEDAL MODULE (AUTOMATIC)
GAS PEDAL MODULE (AUTOMATIC)	GASKET, VALVETRONIC ACTUATOR

## 2012 BMW SULEV (PZEV) Parts List - N51 Vehicles

<b>2012 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series SULEV-PZEV</b>	<b>Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
CYLINDER HEAD COVER GASKET	CYLINDER HEAD COVER GASKET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	ADJUSTMENT UNIT, EXHAUST CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
VALVETRONIC SENSOR	VALVETRONIC SENSOR
VALVETRONIC ACTUATOR	VALVETRONIC ACTUATOR
THERMOSTAT	THERMOSTAT
O-RING, ANGLE CONNECTOR	O-RING, ANGLE CONNECTOR
SET INTAKE MANIFOLD GASKET	SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD	INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (FRONT)	INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR	ANGLE CONNECTOR
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
SAS VALVE GASKET	SAS VALVE GASKET
SECONDARY AIR PUMP	SECONDARY AIR PUMP
SUCTION HOSE, SAS	SUCTION HOSE, SAS
SAS VALVE	SAS VALVE
PRESSURE HOSE, SAS	PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR	HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR	HEATED FRONT OXYGEN SENSOR
IGNITION COIL	IGNITION COIL
O-RING, CAMSHAFT SENSOR	O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE	OIL PRESSURE SENSOR
OIL PRESSURE SENSOR	CAP
CAP	FUEL RAIL
FUEL RAIL	INJECTION VALVE
INJECTION VALVE	THROTTLE BODY GASKET
THROTTLE BODY GASKET	THROTTLE BODY
THROTTLE BODY	ENGINE COOLANT TEMP SENSOR

2012 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2012 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series SULEV-PZEV</b>	<b>Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
DIFFERENTIAL PRESSURE SENSOR O-RING	CAMSHAFT SENSOR
CAMSHAFT SENSOR	CRANKSHAFT POSITION/RPM SENSOR
CRANKSHAFT POSITION/RPM SENSOR	DIFFERENTIAL PRESSURE SENSOR
DIFFERENTIAL PRESSURE SENSOR	MASS AIR FLOW SENSOR
MASS AIR FLOW SENSOR	KNOCK SENSOR
KNOCK SENSOR	DIFFERENTIAL PRESSURE SENSOR
DIFFERENTIAL PRESSURE SENSOR	INJECTION VALVE O-RING
INJECTION VALVE O-RING	RUBBER BOOT (INTAKE AIR DUCT)
RUBBER BOOT (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
CONNECTOR (INTAKE AIR DUCT)	PURGE VALVE
PURGE VALVE	FUEL FILLER CAP
FUEL FILLER CAP	SERVICE LID FOR FUEL TANK, RIGHT
SERVICE LID FOR FUEL TANK, RIGHT	FUEL TANK
RETAINER, FUEL TANK UNIT, RIGHT	REPAIR KIT FOR FLANGE COVER
FUEL TANK	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
REPAIR KIT FOR FLANGE COVER	REPAIR KIT FOR FUEL TANK FILLER FLAP
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	FUEL FILLER NECK
REPAIR KIT FOR FUEL TANK FILLER FLAP	FUEL LEVEL SENSOR, RIGHT
FUEL FILLER NECK	FUEL LINE (UNDERBODY)
FUEL LEVEL SENSOR, RIGHT	FUEL FEED LINE
FUEL LINE (UNDERBODY)	SEAL, CANISTER-TO-LDP
FUEL FEED LINE	DUST FILTER, LDP
SEAL, CANISTER-TO-LDP	SCAVENGE LINE
DUST FILTER, LDP	VENT PIPE (FILLER NECK-TO-CANISTER)
VENT LINE (FILLER NECK-TO-TANK)	VENT PIPE (DUST FILTER-TO-LDP)
VENT PIPE (FILLER NECK-TO-CANISTER)	LEAK DIAGNOSTIC PUMP
SCAVENGE LINE	EVAPORATIVE CANISTER
VENT PIPE (DUST FILTER-TO-LDP)	DELIVERY UNIT, RIGHT
LEAK DIAGNOSTIC PUMP	FUEL PUMP CONTROL UNIT
EVAPORATIVE CANISTER	RADIATOR W/DORS (AUTOMATIC TRANS)
DELIVERY UNIT, RIGHT	RADIATOR W/DORS (MANUAL TRANS)
FUEL PUMP CONTROL UNIT	EXHAUST PIPE GASKET
RADIATOR W/DORS (AUTOMATIC TRANS)	EXHAUST PIPE WITH CATALYST
RADIATOR W/DORS (MANUAL TRANS)	EXHAUST MANIFOLD GASKET
EXHAUST PIPE GASKET	EXHAUST MANIFOLD WITH CATALYST
EXHAUST PIPE WITH CATALYST	TORQUE CONVERTER
EXHAUST MANIFOLD GASKET	TRANS. CONTROL MODULE, MECHATRONIK
EXHAUST MANIFOLD WITH CATALYST	GAS PEDAL MODULE (AUTOMATIC)

2012 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

<b>2012 BMW Emissions Related Parts List</b>	
<b>Model = 128i Series SULEV-PZEV</b>	<b>Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>	<b>Part Name</b>
TORQUE CONVERTER	
TRANS. CONTROL MODULE, MECHATRONIK	
GAS PEDAL MODULE (MANUAL)	
GAS PEDAL MODULE (AUTOMATIC)	
	GAS PEDAL MODULE (MANUAL)

2012 BMW SULEV (PZEV) Parts List - N26 Vehicles

<b>2012 BMW Emissions Related Parts List</b>	
<b>Model = 328i (F30) SULEV-PZEV</b>	
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>	
<b>Part Name</b>	
HIGH PRESSURE FUEL PUMP MOUNTING GASKET	
VENT HOSE	
CYLINDER HEAD COVER GASKET SET	
OIL FILLER CAP	
ADJUSTMENT UNIT, INTAKE CAMSHAFT	
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	
VANOS CENTRAL (SOLENOID) VALVE	
VANOS ACTUATOR	
VALVETRONIC ACTUATOR	
THERMOSTAT	
SET INTAKE MANIFOLD GASKET	
INTAKE MANIFOLD	
O-RING, CHARGE AIR DUCT (THROTTLE SIDE)	
O-RING, CHARGE AIR DUCT (TURBO SIDE)	
VACUUM HOSE, TURBO CONTROL	
COMPRESSOR BYPASS VALVE	
EXHAUST MANIFOLD GASKET RING	
TURBOCHARGER	
VACUUM HOSE, TURBO CONTROL	
VACUUM PUMP	
PRESSURE CONVERTER	
HEATED FRONT OXYGEN SENSOR	
HEATED REAR OXYGEN SENSOR	
IGNITION COIL	
O-RING, CAMSENSOR	
ENGINE CONTROL MODULE	
ENGINE OIL TEMP SENSOR	
HIGH PRESSURE FUEL PUMP	
FUEL HOSE (UNDERBODY LINE-TO-FUEL INLET PIPE)	
HIGH PRESSURE RAIL	
FUEL INLET PIPE (TO HIGH PRESSURE PUMP)	
HIGH PRESSURE PIPE (PUMP-TO-RAIL)	
INJECTION VALVE O-RING	
HIGH PRESSURE SENSOR (FUEL)	
FUEL HOSE (UNDERBODY LINE-TO-FUEL INLET PIPE)	
THROTTLE BODY GASKET	
THROTTLE	
ENGINE COOLANT TEMP SENSOR	
CAMSHAFT SENSOR	
CRANKSHAFT POSITION/RPM SENSOR	
KNOCK SENSOR	
MAF SENSOR	
O-RING, MAF SENSOR	

## 2012 BMW SULEV (PZEV) Parts List - N26 Vehicles (Cont.)

<b>2012 BMW Emissions Related Parts List</b>
<b>Model = 328i (F30) SULEV-PZEV</b>
<b>LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY</b>
<b>Part Name</b>
PRESSURE SENSOR (UPSTREAM OF THROTTLE)
INJECTION VALVE
AIR DUCT (AIR FILTER TO COMPRESSOR INLET, UPPER PIECE)
CHARGE AIR INDUCTION TRACT (COMPRESSOR OUTLET-TO-CAC INLET)
GASKET (AIR INTAKE TUBE-TO-COMPRESSOR INLET)
CHARGE AIR INDUCTION TRACT (CAC TO THROTTLE HOUSING)
AIR INTAKE TUBE (AIR FILTER TO COMPRESSOR INLET, LOWER PIECE)
O-RING, CHARGE AIR DUCT (THROTTLE SIDE)
FUEL TANK BREATHER LINE
PURGE VALVE
CLOSURE RING, FUEL TANK UNIT
O-RING, FUEL TANK UNIT
FUEL FILLER CAP
PLASTIC FILLER PIPE
PLASTIC FUEL TANK
FILLER PIPE (SLEEVE BETWEEN FILLER NECK AND TANK)
FUEL LEVEL SENSOR
FUEL TANK SUPPLY MODULE
EVAPORATIVE CANISTER
SCAVENGER AIR LINE
FUEL FEED LINE
SEAL, CANISTER-TO-LDP
VENT PIPE FROM LDP, INCLUDING DUST FILTER
SCAVENGING LINE FRONT
BREATHER LINE FROM EVAPORATIVE CANISTER
LEAK DIAGNOSTIC PUMP
FUEL PUMP CONTROL UNIT
RADIATOR (WITH DOR SYSTEM)
CHARGE AIR COOLER
GASKET, EXHAUST PIPE (BETWEEN CAT & TURBO)
CATALYST (WU-TWC)
REPLACEMENT CATALYST WITH CENTER MUFFLER (UNDERFLOOR CAT)
TORQUE CONVERTER
TRANSMISSION CONTROL MODULE (MECHATRONIK)
GAS PEDAL MODULE (AUTO)



## 2012 BMW SULEV (PZEV) Parts List - N51 Vehicles

### 2012 BMW Emissions Related Parts List

Model = 128i Series SULEV-PZEV	Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY	LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name	Part Name
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
CYLINDER HEAD COVER GASKET	CYLINDER HEAD COVER GASKET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	ADJUSTMENT UNIT, EXHAUST CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
VALVETRONIC SENSOR	VALVETRONIC SENSOR
VALVETRONIC ACTUATOR	VALVETRONIC ACTUATOR
THERMOSTAT	THERMOSTAT
O-RING, ANGLE CONNECTOR	O-RING, ANGLE CONNECTOR
SET INTAKE MANIFOLD GASKET	SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD	INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
INTAKE MANIFOLD ADJUSTER (FRONT)	INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR	ANGLE CONNECTOR
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
SAS VALVE GASKET	SAS VALVE GASKET
SECONDARY AIR PUMP	SECONDARY AIR PUMP
SUCTION HOSE, SAS	SUCTION HOSE, SAS
SAS VALVE	SAS VALVE
PRESSURE HOSE, SAS	PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR	HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR	HEATED FRONT OXYGEN SENSOR
IGNITION COIL	IGNITION COIL
O-RING, CAMSHAFT SENSOR	O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE	OIL PRESSURE SENSOR
OIL PRESSURE SENSOR	CAP
CAP	FUEL RAIL
FUEL RAIL	INJECTION VALVE
INJECTION VALVE	THROTTLE BODY GASKET
THROTTLE BODY GASKET	THROTTLE BODY
THROTTLE BODY	ENGINE COOLANT TEMP SENSOR
ENGINE COOLANT TEMP SENSOR	RADIATOR COOLANT TEMPERATURE SENSOR

## 2012 BMW Emissions Related Parts List

Model = 128i Series SULEV-PZEV	Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY	LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name	Part Name
RADIATOR COOLANT TEMPERATURE SENSOR	DIFFERENTIAL PRESSURE SENSOR O-RING
DIFFERENTIAL PRESSURE SENSOR O-RING	CAMSHAFT SENSOR
CAMSHAFT SENSOR	CRANKSHAFT POSITION/RPM SENSOR
CRANKSHAFT POSITION/RPM SENSOR	DIFFERENTIAL PRESSURE SENSOR
DIFFERENTIAL PRESSURE SENSOR	MASS AIR FLOW SENSOR
MASS AIR FLOW SENSOR	KNOCK SENSOR
KNOCK SENSOR	DIFFERENTIAL PRESSURE SENSOR
DIFFERENTIAL PRESSURE SENSOR	INJECTION VALVE O-RING
INJECTION VALVE O-RING	RUBBER BOOT (INTAKE AIR DUCT)
RUBBER BOOT (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
CONNECTOR (INTAKE AIR DUCT)	PURGE VALVE
PURGE VALVE	FUEL FILLER CAP
FUEL FILLER CAP	SERVICE LID FOR FUEL TANK, RIGHT
SERVICE LID FOR FUEL TANK, RIGHT	FUEL TANK
RETAINER, FUEL TANK UNIT, RIGHT	REPAIR KIT FOR FLANGE COVER
FUEL TANK	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
REPAIR KIT FOR FLANGE COVER	REPAIR KIT FOR FUEL TANK FILLER FLAP
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	FUEL FILLER NECK
REPAIR KIT FOR FUEL TANK FILLER FLAP	FUEL LEVEL SENSOR, RIGHT
FUEL FILLER NECK	FUEL LINE (UNDERBODY)
FUEL LEVEL SENSOR, RIGHT	FUEL FEED LINE
FUEL LINE (UNDERBODY)	SEAL, CANISTER-TO-LDP
FUEL FEED LINE	DUST FILTER, LDP
SEAL, CANISTER-TO-LDP	SCAVENGE LINE
DUST FILTER, LDP	VENT PIPE (FILLER NECK-TO-CANISTER)
VENT LINE (FILLER NECK-TO-TANK)	VENT PIPE (DUST FILTER-TO-LDP)
VENT PIPE (FILLER NECK-TO-CANISTER)	LEAK DIAGNOSTIC PUMP
SCAVENGE LINE	EVAPORATIVE CANISTER
VENT PIPE (DUST FILTER-TO-LDP)	DELIVERY UNIT, RIGHT
LEAK DIAGNOSTIC PUMP	FUEL PUMP CONTROL UNIT
EVAPORATIVE CANISTER	RADIATOR W/DORS (AUTOMATIC TRANS)
DELIVERY UNIT, RIGHT	RADIATOR W/DORS (MANUAL TRANS)
FUEL PUMP CONTROL UNIT	EXHAUST PIPE GASKET
RADIATOR W/DORS (AUTOMATIC TRANS)	EXHAUST PIPE WITH CATALYST
RADIATOR W/DORS (MANUAL TRANS)	EXHAUST MANIFOLD GASKET
EXHAUST PIPE GASKET	EXHAUST MANIFOLD WITH CATALYST
EXHAUST PIPE WITH CATALYST	TORQUE CONVERTER
EXHAUST MANIFOLD GASKET	TRANSMISSION CONTROL MODULE, MECHATRONIK
EXHAUST MANIFOLD WITH CATALYST	GAS PEDAL MODULE (AUTOMATIC)
TORQUE CONVERTER	GAS PEDAL MODULE (MANUAL)

## 2012 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

2012 BMW Emissions Related Parts List
Model = 128i Series SULEV-PZEV
LIST OF EMISSIONS PARTS SUBJECT TO PZEV WARRANTY
Part Name
TRANS. CONTROL MODULE, MECHATRONIK
GAS PEDAL MODULE (MANUAL)
GAS PEDAL MODULE (AUTOMATIC)

2013 BMW SULEV (PZEV) Parts List - N51 Vehicles

**2013 BMW Emissions Related Parts List**

Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV	Model = 128i Coupe/Convertible SULEV-PZEV
Part Name	Part Name
GASKET, VALVETRONIC ACTUATOR	GASKET, VALVETRONIC ACTUATOR
OIL FILLER CAP	OIL FILLER CAP
CYLINDER HEAD COVER GASKET	CYLINDER HEAD COVER GASKET
VACUUM PIPE	VACUUM PIPE
VENT HOSE	VENT HOSE
ADJUSTMENT UNIT, INTAKE CAMSHAFT	ADJUSTMENT UNIT, INTAKE CAMSHAFT
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	ADJUSTMENT UNIT, EXHAUST CAMSHAFT
SOLENOID VALVE	SOLENOID VALVE
VALVETRONIC SENSOR	VALVETRONIC SENSOR
VALVETRONIC ACTUATOR	VALVETRONIC ACTUATOR
THERMOSTAT	THERMOSTAT
O-RING, ANGLE CONNECTOR	O-RING, ANGLE CONNECTOR
SET INTAKE MANIFOLD GASKET	SET INTAKE MANIFOLD GASKET
INTAKE MANIFOLD	INTAKE MANIFOLD
INTAKE MANIFOLD ADJUSTER (FRONT)	INTAKE MANIFOLD ADJUSTER (FRONT)
ANGLE CONNECTOR	ANGLE CONNECTOR
INTAKE MANIFOLD ADJUSTER (REAR)	INTAKE MANIFOLD ADJUSTER (REAR)
SAS VALVE GASKET	SAS VALVE GASKET
SECONDARY AIR PUMP	SECONDARY AIR PUMP
SUCTION HOSE, SAS	SUCTION HOSE, SAS
SAS VALVE	SAS VALVE
PRESSURE HOSE, SAS	PRESSURE HOSE, SAS
HEATED REAR OXYGEN SENSOR (cyl 1-3)	HEATED REAR OXYGEN SENSOR
HEATED FRONT OXYGEN SENSOR (cyl 4-6)	HEATED FRONT OXYGEN SENSOR
IGNITION COIL	IGNITION COIL
O-RING, CAMSHAFT SENSOR	O-RING, CAMSHAFT SENSOR
ENGINE CONTROL MODULE	ENGINE CONTROL MODULE
OIL PRESSURE SENSOR	OIL PRESSURE SENSOR
CAP	CAP
FUEL RAIL	FUEL RAIL
INJECTION VALVE	INJECTION VALVE
THROTTLE BODY	THROTTLE BODY GASKET
THROTTLE BODY GASKET	THROTTLE BODY
ENGINE COOLANT TEMP SENSOR	ENGINE COOLANT TEMP SENSOR
RADIATOR COOLANT TEMPERATURE SENSOR	RADIATOR COOLANT TEMPERATURE SENSOR
DIFFERENTIAL PRESSURE SENSOR O-RING	DIFFERENTIAL PRESSURE SENSOR O-RING
CAMSHAFT SENSOR	CAMSHAFT SENSOR
CRANKSHAFT POSITION/RPM SENSOR	CRANKSHAFT POSITION/RPM SENSOR
O-RING MASS AIR FLOW SENSOR	DIFFERENTIAL PRESSURE SENSOR
MASS AIR FLOW SENSOR	MASS AIR FLOW SENSOR
KNOCK SENSOR	KNOCK SENSOR
DIFFERENTIAL PRESSURE SENSOR	DIFFERENTIAL PRESSURE SENSOR
INJECTION VALVE O-RING	INJECTION VALVE O-RING
RUBBER BOOT (INTAKE AIR DUCT)	RUBBER BOOT (INTAKE AIR DUCT)

## 2013 BMW SULEV (PZEV) Parts List - N51 Vehicles (Cont.)

### 2013 BMW Emissions Related Parts List

Model = 328i Coupe, 328i Convertible, 328xi Coupe SULEV-PZEV	Model = 128i Coupe/Convertible SULEV-PZEV
Part Name	Part Name
CONNECTOR (INTAKE AIR DUCT)	CONNECTOR (INTAKE AIR DUCT)
PURGE VALVE	PURGE VALVE
FUEL TANK	FUEL FILLER CAP
RETAINER, FUEL TANK UNIT, RIGHT	SERVICE LID FOR FUEL TANK, RIGHT
REPAIR KIT FOR FLANGE COVER	RETAINER, FUEL TANK UNIT, RIGHT
REPAIR KIT FOR FUEL TANK @ FILLER FLAP	FUEL TANK
FUEL FILLER NECK	REPAIR KIT FOR FLANGE COVER
FUEL FILLER CAP	REPAIR KIT FOR FUEL TANK @ FILLER FLAP
FUEL LEVEL SENSOR, RIGHT	REPAIR KIT FOR FUEL TANK FILLER FLAP
SERVICE LID FOR FUEL TANK, RIGHT	FUEL FILLER NECK
FUEL FEED LINE	FUEL LEVEL SENSOR, RIGHT
SEAL, CANISTER-TO-LDP	FUEL LINE (UNDERBODY)
VENT PIPE (DUST FILTER-TO-LDP)	FUEL FEED LINE
DUST FILTER, LDP	SEAL, CANISTER-TO-LDP
SCAVENGE LINE	DUST FILTER, LDP
VENT PIPE (FILLER NECK-TO-CANISTER)	VENT LINE (FILLER NECK-TO-TANK)
LEAK DIAGNOSTIC PUMP	VENT PIPE (FILLER NECK-TO-CANISTER)
EVAPORATIVE CANISTER	SCAVENGE LINE
DELIVERY UNIT, RIGHT	VENT PIPE (DUST FILTER-TO-LDP)
FUEL PUMP CONTROL UNIT	LEAK DIAGNOSTIC PUMP
RADIATOR W/DORS (AUTOMATIC TRANS)	EVAPORATIVE CANISTER
RADIATOR W/DORS (MANUAL TRANS)	DELIVERY UNIT, RIGHT
EXHAUST PIPE GASKET	FUEL PUMP CONTROL UNIT
EXHAUST PIPE WITH CATALYST (cyl 4-6)	RADIATOR W/DORS (AUTOMATIC TRANS)
EXHAUST PIPE WITH CATALYST (cyl 1-3)	RADIATOR W/DORS (MANUAL TRANS)
EXHAUST MANIFOLD GASKET	EXHAUST PIPE GASKET
EXHAUST MANIFOLD WITH CATALYST (cyl 1-3)	EXHAUST PIPE WITH CATALYST
EXHAUST MANIFOLD WITH CATALYST (cyl 4-6)	EXHAUST MANIFOLD GASKET
TORQUE CONVERTER	EXHAUST MANIFOLD WITH CATALYST
TRANS. CONTROL MODULE, MECHATRONIK	TORQUE CONVERTER
GAS PEDAL MODULE (MANUAL)	TRANS. CONTROL MODULE, MECHATRONIK
GAS PEDAL MODULE (AUTOMATIC)	GAS PEDAL MODULE (MANUAL)
	GAS PEDAL MODULE (AUTOMATIC)

2013 BMW SULEV (PZEV) Parts List - N26 Vehicles

2013 BMW Emissions Related Parts List	
Model = 328i, 328xi Sedan SULEV-PZEV	
Part Name	
HIGH PRESSURE FUEL PUMP MOUNTING GASKET	
VENT HOSE	
CYLINDER HEAD COVER GASKET SET	
OIL FILLER CAP	
ADJUSTMENT UNIT, INTAKE CAMSHAFT	
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	
VANOS CENTRAL (SOLENOID) VALVE	
VANOS ACTUATOR	
VALVETRONIC ACTUATOR	
THERMOSTAT	
SET INTAKE MANIFOLD GASKET	
INTAKE MANIFOLD	
O-RING, CHARGE AIR DUCT (THROTTLE SIDE)	
O-RING, CHARGE AIR DUCT (TURBO SIDE)	
VACUUM HOSE, TURBO CONTROL	
COMPRESSOR BYPASS VALVE	
EXHAUST MANIFOLD GASKET RING	
TURBOCHARGER	
VACUUM HOSE, TURBO CONTROL	
VACUUM PUMP	
PRESSURE CONVERTER	
HEATED FRONT OXYGEN SENSOR	
HEATED REAR OXYGEN SENSOR	
IGNITION COIL	
O-RING, CAMSENSOR	
ENGINE CONTROL MODULE	
ENGINE OIL TEMP SENSOR	
HIGH PRESSURE FUEL PUMP	
FUEL HOSE (UNDERBODY LINE-TO-FUEL INLET PIPE)	
HIGH PRESSURE RAIL	
FUEL INLET PIPE (TO HIGH PRESSURE PUMP)	
HIGH PRESSURE PIPE (PUMP-TO-RAIL)	
INJECTION VALVE O-RING	
HIGH PRESSURE SENSOR (FUEL)	
FUEL HOSE (UNDERBODY LINE-TO-FUEL INLET PIPE)	
THROTTLE BODY GASKET	
THROTTLE	
ENGINE COOLANT TEMP SENSOR	
CAMSHAFT SENSOR	
CRANKSHAFT POSITION/RPM SENSOR	
KNOCK SENSOR	
MAF SENSOR	
O-RING, MAF SENSOR	
PRESSURE SENSOR (UPSTREAM OF THROTTLE)	
INJECTION VALVE	

## 2013 BMW SULEV (PZEV) Parts List - N26 Vehicles (Cont.)

<b>2013 BMW Emissions Related Parts List</b>	
<b>Model = 328i, 328xi Sedan SULEV-PZEV</b>	
<b>Part Name</b>	
AIR DUCT (AIR FILTER TO COMPRESSOR INLET, UPPER PIECE)	
CHARGE AIR INDUCTION TRACT (COMPRESSOR OUTLET-TO-CAC INLET)	
GASKET (AIR INTAKE TUBE-TO-COMPRESSOR INLET)	
CHARGE AIR INDUCTION TRACT (CAC TO THROTTLE HOUSING)	
AIR INTAKE TUBE (AIR FILTER TO COMPRESSOR INLET, LOWER PIECE)	
O-RING, CHARGE AIR DUCT (THROTTLE SIDE)	
FUEL TANK BREATHER LINE	
PURGE VALVE	
CLOSURE RING, FUEL TANK UNIT	
O-RING, FUEL TANK UNIT	
FUEL FILLER CAP	
PLASTIC FILLER PIPE	
PLASTIC FUEL TANK	
FILLER PIPE (SLEEVE BETWEEN FILLER NECK AND TANK)	
FUEL LEVEL SENSOR	
FUEL TANK SUPPLY MODULE	
EVAPORATIVE CANISTER	
SCAVENGER AIR LINE	
FUEL FEED LINE	
SEAL, CANISTER-TO-LDP	
VENT PIPE FROM LDP, INCLUDING DUST FILTER	
SCAVENGING LINE FRONT	
BREATHER LINE FROM EVAPORATIVE CANISTER	
LEAK DIAGNOSTIC PUMP	
FUEL PUMP CONTROL UNIT	
RADIATOR (WITH DOR SYSTEM)	
CHARGE AIR COOLER	
GASKET, EXHAUST PIPE (BETWEEN CAT & TURBO)	
CATALYST (WU-TWC)	
REPLACEMENT CATALYST WITH CENTER MUFFLER (UNDERFLOOR CAT)	
TORQUE CONVERTER	
TRANSMISSION CONTROL MODULE (MECHATRONIK)	
GAS PEDAL MODULE (AUTO)	

## 2014 BMW SULEV (PZEV) Parts List - N26 Vehicles

2014 BMW Emissions Related Parts List	
Model = 328i, 328xi Sedan SULEV-PZEV; 428i Coupe SULEV-PZEV	
Part Name	
HIGH PRESSURE FUEL PUMP MOUNTING GASKET	
VENT HOSE	
CYLINDER HEAD COVER GASKET SET	
OIL FILLER CAP	
ADJUSTMENT UNIT, INTAKE CAMSHAFT	
ADJUSTMENT UNIT, EXHAUST CAMSHAFT	
VANOS CENTRAL (SOLENOID) VALVE	
VANOS ACTUATOR	
VALVETRONIC ACTUATOR	
THERMOSTAT	
SET INTAKE MANIFOLD GASKET	
INTAKE MANIFOLD	
O-RING, CHARGE AIR DUCT (THROTTLE SIDE)	
O-RING, CHARGE AIR DUCT (TURBO SIDE)	
VACUUM HOSE, TURBO CONTROL	
COMPRESSOR BYPASS VALVE	
EXHAUST MANIFOLD GASKET RING	
TURBOCHARGER	
VACUUM HOSE, TURBO CONTROL	
VACUUM PUMP	
PRESSURE CONVERTER	
HEATED FRONT OXYGEN SENSOR	
HEATED REAR OXYGEN SENSOR	
IGNITION COIL	
O-RING, CAMSENSOR	
ENGINE CONTROL MODULE	
ENGINE OIL TEMP SENSOR	
HIGH PRESSURE FUEL PUMP	
FUEL HOSE (UNDERBODY LINE-TO-FUEL INLET PIPE)	
HIGH PRESSURE RAIL	
FUEL INLET PIPE (TO HIGH PRESSURE PUMP)	
HIGH PRESSURE PIPE (PUMP-TO-RAIL)	
INJECTION VALVE O-RING	
FUEL FEED LINE	
HIGH PRESSURE SENSOR (FUEL)	
FUEL HOSE (UNDERBODY LINE-TO-FUEL INLET PIPE)	
THROTTLE BODY GASKET	
THROTTLE	
ENGINE COOLANT TEMP SENSOR	



2014 BMW SULEV (PZEV) Parts List - N26 Vehicles (Cont.)

<b>2014 BMW Emissions Related Parts List</b>	
<b>Model = 328i, 328xi Sedan SULEV-PZEV; 428i Coupe SULEV-PZEV</b>	
Part Name	
CAMSHAFT SENSOR	
CRANKSHAFT POSITION/RPM SENSOR	
KNOCK SENSOR	
PRESSURE SENSOR (INTAKE MANIFOLD)	
MAF SENSOR	
O-RING, MAF SENSOR	
PRESSURE SENSOR (UPSTREAM OF THROTTLE)	
INJECTION VALVE	
CHARGE AIR INDUCTION TRACT (COMPRESSOR OUTLET-TO-CAC INLET)	
GASKET (AIR INTAKE TUBE-TO-COMPRESSOR INLET)	
INTAKE MUFFLER (MAF FITS INTO THIS)	
CHARGE AIR INDUCTION TRACT (CAC TO THROTTLE HOUSING)	
AIR INTAKE TUBE (AIR FILTER TO COMPRESSOR INLET, LOWER PIECE)	
O-RING, CHARGE AIR DUCT (THROTTLE SIDE)	
FUEL TANK PURGE VALVE W/ PIPE	
FUEL TANK BREATHER LINE	
CLOSURE RING, FUEL TANK UNIT	
O-RING, FUEL TANK UNIT	
FUEL FILLER CAP	
PLASTIC FILLER PIPE	
PLASTIC FUEL TANK	
FILLER PIPE (SLEEVE BETWEEN FILLER NECK AND TANK)	
FUEL LEVEL SENSOR	
FUEL TANK SUPPLY MODULE	
EVAPORATIVE CANISTER	
SCAVENGER AIR LINE	
FUEL FEED LINE	
SEAL, CANISTER-TO-LDP	
VENT PIPE FROM LDP, INCLUDING DUST FILTER	
SCAVENGING LINE FRONT	
BREATHER LINE FROM EVAPORATIVE CANISTER	
LEAK DIAGNOSTIC PUMP	
FUEL PUMP CONTROL UNIT	
RADIATOR (WITH DOR SYSTEM)	
CHARGE AIR COOLER	
GASKET, EXHAUST PIPE (BETWEEN CAT & TURBO)	
CATALYST (WU-TWC)	
REPLACEMENT CATALYST WITH CENTER MUFFLER (UNDERFLOOR CAT)	
TRANSMISSION CONTROL MODULE (MECHATRONIK)	
TORQUE CONVERTER	
GAS PEDAL MODULE (AUTO)	

## 2015 BMW Emissions Related Parts List

Model = 328i/ix, 328i/ix GT, 428i/ix Coupé/Convrt, 428i/ix GC
Part Name
Cover Lid
O-ring
O-RING, CAMSHAFT POSITION SENSOR
O-ring, vent hose
Filler cap
Sealing grommet
Pre-formed seal
Temperature sensor water/oil
Temperature sensor, coolant
Preformed seal
Gasket
Pre-formed seal
Gasket
Ignition Coil
Vacuum pipe
Closure ring
Engine oil pressure/temperature sensor
Rubber boot
Vent hose, cylinder head cover
High pressure pipe
O-ring
Vent pipe
Pressure sensor, intake manifold
Pressure sensor
Fuel tank ventilation valve with pipe
VANOS Actuator
breather line
CAMSHAFT POSITION SENSOR
Sensor, high-pressure
Fuel Feed Line
Accelerator pedal module, manual gearbox
Fuel Tank Breather Line
Accelerator pedal module, automatic gearbox
Leak diagnosis module
Scavenge air line
VANOS central valve
AIR INTAKE TUBE
Control unit for fuel pump
Set of profile gaskets, intake manifold

Model = 228i/ix Coupé, 228i/ix Convertible
Part Name
O-ring
Oil cover lid
Filler cap
VANOS actuator
High-pressure fuel pipe
Sealing grommet
Temperature sensor water/oil
Vent pipe
O-ring
Fuel hose
Throttle gasket
Ignition coil
Fuel tank breather line
Camshaft sensor
High-pressure fuel pump gasket
Vent hose
Vent pipe
Thermostat
Fuel tank ventilation valve with pipe
Breather line
Intake manifold pressure sensor
Fuel feed line
VANOS central valve
Fuel high pressure sensor
Pulse generator
Scavenge air line
Filler pipe
Accelerator Pedal module, manual
Accelerator Pedal module, auto
Vacuum hose
Leak diagnosis module
Closure ring
Gasket ring
O-ring
Intake manifold gasket set
Knock sensor
High-pressure fuel rail
Pressure converter
Fuel pump control unit

2015 BMW SULEV (PZEV) Parts List - N26 Vehicles (Cont.)

<b>2015 BMW Emissions Related Parts List</b>	
<b>Model = 328i/ix, 328i/ix GT, 428i/ix Coupé/Convertible, 428i/ix GC</b>	<b>Model = 228i/ix Coupé, 228i/ix Convertible</b>
Part Name	Part Name
Vent pipe	Lambda probe sensor
THERMOSTAT	Regulating lambda probe
Fuel feed line	Turbo actuator
Gasket ring	Gasket ring
Crankshaft sensor	Hot-film air mass meter
Charge-air duct, turbo to CAC	Intake silencer
Gasket Ring	Throttle
LAMBDA PROBE, O2 Sensor	Fuel injector
Knock Sensor	EVAP canister
Charge-air duct, between CAC and turbocharger	Gasket set, cylinder head cover
Intake silencer	Delivery module
Intake silencer, M Sports Package	Vacuum pump
High-pressure rail	Exhaust manifold gasket ring
Hot-film air mass meter	Plastic filler pipe
Actuator	Intake manifold system
Throttle	Valvetronic actuator
Delivery module	Blow-off valve
Gasket set, cylinder head cover	High-pressure fuel pump
Injector	Adjustment unit, outlet camshaft
Activated Charcoal Filter	Adjustment unit, inlet camshaft
Charge-air cooler	Plastic fuel tank
Radiator	Exchange catalyst
FILLER PIPE	Basic control unit DME
Vacuum pump	Turbocharger
Intake manifold system	Repair kit, torque converter
FILLER PIPE	Repair kit, mechatronics
VALVETRONIC ACUTATOR	Catalyst
Blow-off valve	Radiator
High-pressure pump	
Adjustment unit, outlet camshaft	
Adjustment unit, inlet camshaft	
Plastic fuel tank	
Exchange catalyst	
Basic control unit DME	
Exchange catalyst with center silencer	
EXCH-TURBO CHARGER	
Repair kit, torque converter	
Trans Control Module, Mechatronics	

## 2016 BMW SULEV (PZEV) Parts List - N26 Vehicles

2016 BMW Emissions Related Parts List	
228i Coupe, 228iX Coupe, 228i Convertible, 228iX Convertible	
Part Name	
RADIATOR	
VALVE COVER GASKETS [GASKET SET, CYLINDER HEAD COVER]	
OIL FILLER CAP	
POSITIVE CRANKCASE VENTILATION GASKET [VENT HOSE O-RING]	
POSITIVE CRANKCASE VENTILATION [VENT HOSE]	
CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
TEMPERATURE SENSOR [TEMPERATUR SENSOR WATER/OIL]	
VALVETRONIC ACTUATOR [ECCENTRIC SHAFT ACTUATOR]	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
KNOCK SENSOR [PING SENSOR]	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET(S)	
INTAKE MANIFOLD PRESSURE SENSOR	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
TIMING CHAIN	
VANOS VVT ACTUATOR	
VANOS VVT CENTRAL VALVE	
EXHAUST MANIFOLD GASKET	
TURBOCHARGER	
TURBOCHARGER BYPASS [ELECTR. BLOW-OFF VALVE]	
TURBOCHARGER WASTEGATE ACTUATOR [TURBOCHARGER DRIVE MOTOR]	
THERMOSTAT	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
IGNITION COIL	
CHARGE AIR DUCT PRESSURE SENSOR	
FRESH AIR INTAKE TUBE (INTAKE TO TURBOCHARGER)	
FRESH AIR INTAKE TUBE GASKET/O-RING (INTAKE TO TURBOCHARGER)	
LEFT CHARGE AIR DUCT (CAC TO THROTTLE)	
LEFT CHARGE AIR DUCT GASKET/O-RING (CAC TO THROTTLE)	
RIGHT CHARGE AIR DUCT (TURBOCHARGER TO CAC)	
RIGHT CHARGE AIR DUCT GASKET/O-RING (TURBOCHARGER TO CAC)	
CANISTER PURGE VALVE [FUEL TANK VENTILATION VALVE]	
FUEL TANK BREATHER LINE	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FUEL LINE [FEED LINE]	
HIGH-PRESSURE FUEL PUMP	
HIGH-PRESSURE FUEL PUMP O-RING	
FUEL INJECTOR	
FUEL INJECTOR GASKET RING	

## 2016 BMW SULEV (PZEV) Parts List - N26 Vehicles (Cont.)

2016 BMW Emissions Related Parts List	
228i Coupe, 228iX Coupe, 228i Convertible, 228iX Convertible	
Part Name	
FUEL INJECTOR GASKET RING	
FUEL RAIL SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
AIR CLEANER [INTAKE MUFFLER]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
THROTTLE BODY	
THROTTLE BODY GASKET	
EVAPORATIVE EMISSION CANISTER BREATHER LINE	
EVAPORATIVE EMISSION CANISTER SEALING GROMMET [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE VENT PIPE	
NATURAL VACUUM LEAKAGE DETECTION SWITCH [LEAK DIAGNOSIS MODULE]	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP CLOSURE RING	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP [DELIVERY MODULE]	
FUEL LINE [FEED LINE]	
SCAVENGE AIR LINE	
FUEL FILLER CAP	
FUEL FILLER PIPE	
FUEL FILLER PIPE EXTENSION	
FUEL TANK	
FUEL TANK VENT PIPE	
CHARGE AIR COOLER	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
CATALYTIC CONVERTER	
CATALYTIC CONVERTER GASKET	
TRANSMISSION CONTROL MODULE [MECHATRONIC]	
TORQUE CONVERTER	
ACCELERATOR PEDAL, AUTOMATIC	
ACCELERATOR PEDAL, MANUAL	

## 2016 BMW SULEV (PZEV) Parts List - N26 Vehicles

2016 BMW Emissions Related Parts List	
328i SULEV, 328i SA SULEV 328iX SA SULEV, 328xDrive GT SULEV,	
Part Name	
ACCELERATOR PEDAL, AUTOMATIC	
AIR CLEANER [INTAKE MUFFLER]	
CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
CAMSHAFT POSITION SENSOR O-RING [PULSE GENERATOR O-RING]	
CANISTER PURGE VALVE [FUEL TANK VENTILATION VALVE]	
CATALYTIC CONVERTER	
CATALYTIC CONVERTER GASKET	
CHARGE AIR COOLER	
CHARGE AIR DUCT PRESSURE SENSOR	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
ENGINE COOLANT TEMPERATURE SENSOR [TEMPERATUR SENSOR WATER/OIL]	
EVAPORATIVE EMISSION CANISTER BREATHER LINE	
EVAPORATIVE EMISSION CANISTER SEALING GROMMET [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE VENT PIPE	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
EXHAUST MANIFOLD GASKET	
FRESH AIR INTAKE TUBE (INTAKE TO TURBOCHARGER)	
FRESH AIR INTAKE TUBE GASKET/ O-RING (INTAKE TO TURBOCHARGER)	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FRONT FUEL LINE [FUEL FEED LINE]	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
FUEL FILLER CAP	
FUEL FILLER PIPE	
FUEL FILLER PIPE EXTENSION	
FUEL INJECTOR (CYLINDER 1 OR 2)	
FUEL INJECTOR (CYLINDER 3 OR 4)	
FUEL PUMP CLOSURE RING	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP GASKET [DELIVERY MODULE GASKET]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP [DELIVERY MODULE WITH LEVEL SENDER]	
FUEL RAIL PRESSURE SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
FUEL TANK	
FUEL TANK BREATHER LINE	
FUEL TANK VENT PIPE	
HIGH-PRESSURE FUEL PUMP	
IGNITION COIL	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET(S)	
KNOCK SENSOR (CYLINDER 1-2) [PING SENSOR]	



## 2016 BMW SULEV (PZEV) Parts List - N26 Vehicles

2016 BMW Emissions Related Parts List	
428i Coupe SULEV	
428iX Coupe SULEV	
428i Convertible SULEV	
428iX Convertible SULEV	
428i Gran Coupé SULEV	
428iX Gran Coupé SULEV	
Part Name	
RADIATOR	
ACCELERATOR PEDAL, AUTOMATIC	
AIR CLEANER [INTAKE MUFFLER]	
CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
CAMSHAFT POSITION SENSOR O-RING [PULSE GENERATOR O-RING]	
CANISTER PURGE VALVE [FUEL TANK VENTILATION VALVE]	
CATALYTIC CONVERTER	
CATALYTIC CONVERTER GASKET	
CHARGE AIR COOLER	
CHARGE AIR DUCT PRESSURE SENSOR	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
ENGINE COOLANT TEMPERATURE SENSOR [TEMPERATUR SENSOR WATER/OIL]	
EVAPORATIVE EMISSION CANISTER BREATHER LINE	
EVAPORATIVE EMISSION CANISTER SEALING GROMMET [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE VENT PIPE	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
EXHAUST MANIFOLD GASKET	
FRESH AIR INTAKE TUBE (INTAKE TO TURBOCHARGER)	
FRESH AIR INTAKE TUBE GASKET/ O-RING (INTAKE TO TURBOCHARGER)	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FRONT FUEL LINE [FUEL FEED LINE]	
FRONT FUEL LINE [FUEL HOSE]	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
FUEL FILLER CAP	
FUEL FILLER PIPE	
FUEL FILLER PIPE EXTENSION	
FUEL INJECTOR (CYLINDER 1 OR 2)	
FUEL INJECTOR (CYLINDER 3 OR 4)	
FUEL PUMP CLOSURE RING	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP GASKET [DELIVERY MODULE GASKET]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP [DELIVERY MODULE WITH LEVEL SENDER]	
FUEL RAIL PRESSURE SENSOR [SENSOR, HIGH-PRESSURE]	



## 2016 BMW SULEV (PZEV) Parts List - N26 Vehicles (Cont.)

2016 BMW Emissions Related Parts List	
428i Coupe SULEV	
428iX Coupe SULEV	
428i Convertible SULEV	
428iX Convertible SULEV	
428i Gran Coupé SULEV	
428iX Gran Coupé SULEV	
Part Name	
FUEL RAIL [HIGH-PRESSURE RAIL]	
FUEL TANK	
FUEL TANK BREATHER LINE	
FUEL TANK VENT PIPE	
HIGH-PRESSURE FUEL PUMP	
IGNITION COIL	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET(S)	
KNOCK SENSOR (CYLINDER 1-2) [PING SENSOR]	
KNOCK SENSOR (CYLINDER 3-4) [PING SENSOR]	
LEFT CHARGE AIR DUCT (CAC TO THROTTLE)	
LEFT CHARGE AIR DUCT GASKET O-RING (CAC TO THROTTLE)	
MANIFOLD ABSOLUTE PRESSURE SENSOR (MAP) [INTAKE MANIFOLD PRESSURE SENSOR]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
NATURAL VACUUM LEAKAGE DETECTION SWITCH [LEAK DIAGNOSIS MODULE]	
OIL FILLER CAP	
OIL PRESSURE AND TEMPERATURE SENSOR	
OIL PRESSURE AND TEMPERATURE SENSOR GASKET	
POSITIVE CRANKCASE VENTILATION O-RING [VENT HOSE O-RING]	
POSITIVE CRANKCASE VENTILATION [VENT HOSE]	
REAR FUEL LINE [FEED LINE]	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
RIGHT CHARGE AIR DUCT (TURBOCHARGER TO CAC)	
RIGHT CHARGE AIR DUCT GASKET/O-RING (TURBOCHARGER TO CAC)	
SCAVENGE AIR LINE	
THERMOSTAT	
THROTTLE BODY	
THROTTLE BODY GASKET	
TIMING CHAIN	
TORQUE CONVERTER	
TRANSMISSION CONTROL MODULE [MECHATRONIC]	
TURBOCHARGER	
TURBOCHARGER BYPASS [BLOW-OFF VALVE]	
TURBOCHARGER WASTEGATE ACTUATOR [TURBOCHARGER DRIVE MOTOR]	
VALVE COVER GASKETS [GASKET SET, CYLINDER HEAD COVER]	
VALVETRONIC ACTUATOR [ECCENTRIC SHAFT ACTUATOR]	
VANOS VVT ACTUATOR	
VANOS VVT CENTRAL VALVE	

2016 BMW SULEV (PZEV) Parts List - B46 Vehicles

2016 BMW Emissions Related Parts List	
230i Coupe - M, A	
230i Coupe xDrive - A	
230i Convertible - A	
230i Convertible xDrive - A	
Part Name	
ACCELERATOR PEDAL, AUTOMATIC	
ACCELERATOR PEDAL, MANUAL	
AIR CLEANER [INTAKE SILENCER]	
BRAKE SYSTEM CONTROL MODULE [DSC CONTROL UNIT]	
CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
CATALYTIC CONVERTER	
CHARGE AIR COOLER	
CHARGE AIR DUCT TO THROTTLE BODY GASKET [PREFORMED SEAL]	
CHARGE AIR DUCT, CAC TO THROTTLE BODY	
CHARGE AIR TEMPERATURE AND PRESSURE SENSOR [T-MAP SENSOR, 3.5 BAR]	
CHARGE AIR TUBE	
COOLANT PUMP W/ THERMOSTAT	
COOLANT TEMPERATURE SENSOR	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
EVAPORATIVE CANISTER PURGE VALVE [FUEL TANK BREATHER VALVE]	
EVAPORATIVE CANISTER VENT PIPE	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE VENT PIPE W/ DUST FILTER	
EVAPORATIVE VENT PIPE WITH NATURAL VACUUM LEAKAGE DETECTION PRESSURE SWITCH [LEAK DIAGNOSIS MODULE]	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
EXHAUST CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
EXHAUST MANIFOLD GASKET	
EXHAUST VANOS VVT ACTUATOR	
FRESH AIR INTAKE TUBE (INTAKE TO TURBOCHARGER)	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FRONT FUEL LINE [FEED LINE]	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
FRONT SCAVENGE AIR LINE	
FRONT WHEEL SPEED SENSOR [DSC PULSE GENERATOR, FRONT]	
FUEL FILLER CAP	
FUEL FILLER NECK	
FUEL FILLER PIPE EXTENSION	
FUEL INJECTOR	
FUEL INJECTOR O-RING	
FUEL LINE TO HIGH PRESSURE FUEL PUMP [FEED LINE]	
FUEL PUMP CLOSURE RING	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	

2016 BMW SULEV (PZEV) Parts List - B46 Vehicles (Cont.)

2016 BMW Emissions Related Parts List	
230i Coupe - M, A	
230i Coupe xDrive - A	
230i Convertible - A	
230i Convertible xDrive - A	
Part Name	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP W/ LEVEL SENSOR [SUPPLY/DELIVERY MODULE]	
FUEL RAIL PRESSURE SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
FUEL TANK	
FUEL TANK BREATHER LINE	
HIGH LOAD HEATED PCV PIPE	
HIGH LOAD UNHEATED PCV PIPE	
HIGH PRESSURE FUEL PUMP GASKET [PROFILE GASKET]	
HIGH-PRESSURE FUEL PUMP	
IGNITION COIL	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET(S)	
INTAKE VANOS VVT ACTUATOR	
KNOCK SENSOR (CYL 1,2) [PING SENSOR]	
KNOCK SENSOR (CYL 3,4) [PING SENSOR]	
LOWER TIMING CHAIN	
MANIFOLD ABSOLUTE PRESSURE AND TEMPERATURE SENSOR (MAPT) [INTAKE MANIFOLD PRESSURE SENSOR 2.5 BAR]	
MASS AIRFLOW SENSOR (MAF) O-RING [HOT-FILM AIR MASS METER]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
MIDDLE FUEL LINE [FUEL HOSE]	
OIL FILLER CAP	
OIL PRESSURE SENSOR	
PCV FLUSHING PIPE	
REAR FUEL LINE [FEED LINE]	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
REAR WHEEL SPEED SENSOR [DSC PULSE GENERATOR, REAR]	
RIGHT CHARGE AIR DUCT (TURBOCHARGER TO CAC)	
SCAVENGE AIR LINE	
THROTTLE BODY	
THROTTLE BODY GASKET	
TORQUE CONVERTER	
TRANSMISSION CONTROL MODULE	
TRANSMISSION CONTROL VALVE BODY	
TRANSMISSION ROTATIONAL SPEED SENSOR	
TURBOCHARGER	

2017 BMW SULEV (PZEV) Parts List - B46 Vehicles (Cont.)

2017 BMW Emissions Related Parts List	
230i Coupe - M, A	
230i Coupe xDrive - A	
230i Convertible - A	
230i Convertible xDrive - A	
Part Name	
TURBOCHARGER AIR DISCHARGE DUCT	
TURBOCHARGER TO CATALYTIC CONVERTER GASKET	
TURBOCHARGER TO CATALYTIC CONVERTER RING CLAMP	
UPPER TIMING CHAIN	
VALVE COVER GASKETS [GASKET SET, CYLINDER HEAD COVER]	
VALVETRONIC ACTUATOR O-RING [ECCENTRIC SHAFT ACTUATOR]	
VALVETRONIC ACTUATOR [ECCENTRIC SHAFT ACTUATOR]	
VANOS VVT CENTRAL VALVE	

2017 BMW SULEV (PZEV) Parts List - B46 Vehicles

2017 BMW Emissions Related Parts List	
330i - M & A	
330i xDrive - A	
330i xDrive Sports Wagon - A	
330i xDrive Gran Turismo - A	
Part Name	
ACCELERATOR PEDAL, AUTOMATIC	
ACCELERATOR PEDAL, MANUAL	
AIR CLEANER [INTAKE SILENCER]	
CANISTER PURGE VALVE [FUEL TANK BREATHER VALVE]	
CATALYTIC CONVERTER GASKET	
CATALYTIC CONVERTER SCREW CLAMP	
CHARGE AIR DUCT	
CHARGE AIR DUCT GASKET	
CHARGE AIR DUCT TO CAC [CHARGE AIR LINE]	
CHARGE AIR DUCT TO CHARGE AIR TUBE [CHARGE AIR TUBE]	
CHARGE AIR DUCT TO/FROM CAC GASKET [PREFORMED SEAL]	
CHARGE AIR TEMPERATURE AND PRESSURE SENSOR [T-MAP SENSOR, 3.5 BAR]	
CLOSE-COUPLED CATALYTIC CONVERTER [RP-PRIMARY CATALYTIC CONV]	
COOLANT PUMP WITH THERMOSTAT	
COOLANT TEMPERATURE SENSOR	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
CYLINDER HEAD AIR DISCHARGE FITTING	
BRAKE SYSTEM CONTROL MODULE W/ACC [DSC CONTROL UNIT]	
BRAKE SYSTEM CONTROL MODULE [DSC CONTROL UNIT]	
ELECTRIC COOLANT PUMP	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
ENGINE COOLANT TEMPERATURE SENSOR O-RING [O-RING]	
EVAPORATIVE CANISTER PURGE PIPE [BREATHER LINE]	
EVAPORATIVE EMISSION CANISTER SEALING GROMMET [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE EMISSION CANISTER VENT PIPE WITH DUST FILTER	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE VENT LINE WITH DIFFERENTIAL PRESSURE SENSOR	
EVAPORATIVE VENT PIPE [FUEL TANK BREATHER LINE]	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
EXHAUST CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
EXHAUST CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
EXHAUST MANIFOLD GASKET	
EXHAUST VANOS VVT ACTUATOR	
FRESH AIR INTAKE TO TURBOCHARGER [FILTERED AIR PIPE]	
FRONT FUEL HOSE TO HIGH-PRESSURE PUMP [FUEL HOSE]	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FRONT FUEL LINE TO ENGINE BAY [FEED LINE]	
FRONT FUEL LINE TO HIGH-PRESSURE PUMP [FEED LINE]	
FRONT FUEL LINE [FEED LINE]	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
FRONT WHEEL SPEED SENSOR DSC PULSE GENERATOR, FRONT	
FUEL FILLER CAP	

## 2017 BMW SULEV (PZEV) Parts List - B46 Vehicles (Cont.)

2017 BMW Emissions Related Parts List	
330i - M & A	
330i xDrive - A	
330i xDrive Sports Wagon - A	
330i xDrive Gran Turismo - A	
Part Name	
FUEL FILLER NECK	
FUEL FILLER PIPE EXTENSION	
FUEL INJECTOR	
FUEL INJECTOR O-RING	
FUEL PUMP CLOSURE RING	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP W/LEVEL SENSOR [DELIVERY MODULE]	
FUEL RAIL PRESSURE SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
FUEL TANK	
FUEL TANK BREATHER LINE WITH RESONATOR	
FUEL TANK VENT PIPE	
FUEL TEMPERATURE SENSOR [TEMP SENSOR, LEAK DIAGNOSIS]	
HIGH-DEMAND PCV PIPE WITH HEATER [VENT PIPE]	
HIGH-PRESSURE FUEL PUMP	
IGNITION COIL	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
INTAKE CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET	
INTAKE VANOS VVT ACTUATOR	
KNOCK SENSOR CYL 1-2 [PING SENSOR]	
KNOCK SENSOR CYL 3-4 [PING SENSOR]	
LOW-DEMAND PCV PIPE [VENT PIPE]	
LOWER TIMING CHAIN	
MANIFOLD ABSOLUTE PRESSURE AND TEMPERATURE (T-MAP) SENSOR	
MASS AIRFLOW SENSOR (MAF) O-RING [O-RING]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
NATURAL VACUUM LEAK DIAGNOSIS MODULE	
OIL FILLER CAP	
REAR FUEL FEED LINE [FRONT FUEL LINE]	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
REAR WHEEL SPEED SENSOR DSC PULSE GENERATOR, REAR	
SCAVENGE AIR LINE	
SUCTION JET PUMP WITH LINE	
THROTTLE BODY	
THROTTLE BODY GASKET	
TORQUE CONVERTER	

2017 BMW SULEV Parts List - B46 Vehicles (Cont.)

2017 BMW Emissions Related Parts List	
330i - M & A	
330i xDrive - A	
330i xDrive Sports Wagon - A	
330i xDrive Gran Turismo - A	
Part Name	
TRANSMISSION ELECTRONIC CONTROL MODULE [CONTROL UNIT EGS]	
TRANSMISSION INPUT SPEED SENSOR [ROTATIONAL-SPEED SENSOR]	
TURBOCHARGER AIR DISCHARGE DUCT	
TURBOCHARGER GASKET RING	
TURBOCHARGER INTERCOOLER [CHARGE-AIR COOLER]	
TURBOCHARGER SCREW CLAMP	
TURBOCHARGER WITH EXH MANIFOLD AND WASTEGATE ACTUATOR	
UNDER-BODY CATALYTIC CONVERTER [RP-CATALYTIC CONV WITH CENTER MUFFLER]	
UPPER TIMING CHAIN	
VALVE COVER GASKET [PROFILE SEAL CYLINDER HEAD COVER]	
VALVETRONIC ACTUATOR O-RING [GASKET]	
VALVETRONIC ACTUATOR [ECCENTRIC SHAFT ACTUATOR]	
VANOS VVT CENTRAL VALVE	

2017 BMW SULEV (PZEV) Parts List - B46 Vehicles

2017 BMW Emissions Related Parts List	
430i Coupe S - A	
430i xDrive Coupe S - A	
430i Convertible S - A	
430i xDrive Convertible S - A	
430i Gran Coupé S - M, A	
430i xDrive Gran Coupé S - A	
Part Name	
BRAKE SYSTEM CONTROL MODULE [DSC CONTROL UNIT]	
ACCELERATOR PEDAL, AUTOMATIC	
ACCELERATOR PEDAL, MANUAL	
AIR CLEANER [INTAKE SILENCER]	
CANISTER PURGE VALVE [FUEL TANK BREATHER VALVE]	
CATALYTIC CONVERTER GASKET	
CATALYTIC CONVERTER SCREW CLAMP	
CHARGE AIR DUCT	
CHARGE AIR DUCT GASKET	
CHARGE AIR DUCT TO CAC [CHARGE AIR LINE]	
CHARGE AIR DUCT TO CHARGE AIR TUBE [CHARGE AIR TUBE]	
CHARGE AIR DUCT TO/FROM CAC GASKET [PREFORMED SEAL]	
CHARGE AIR TEMPERATURE AND PRESSURE SENSOR [T-MAP SENSOR, 3.5 BAR]	
CATALYTIC CONVERTER [RP-PRIMARY CATALYTIC CONV]	
COOLANT PUMP WITH THERMOSTAT	
COOLANT TEMPERATURE SENSOR	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
CYLINDER HEAD AIR DISCHARGE FITTING	
ELECTRIC COOLANT PUMP	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
ENGINE COOLANT TEMPERATURE SENSOR O-RING [O-RING]	
EVAPORATIVE CANISTER PURGE PIPE [BREATHER LINE]	
EVAPORATIVE EMISSION CANISTER SEALING GROMMET [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE EMISSION CANISTER VENT PIPE WITH DUST FILTER	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE VENT LINE WITH DIFFERENTIAL PRESSURE SENSOR	
EVAPORATIVE VENT PIPE [FUEL TANK BREATHER LINE]	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
EXHAUST CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
EXHAUST CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
EXHAUST MANIFOLD GASKET	
EXHAUST VANOS VVT ACTUATOR	
FRESH AIR INTAKE TO TURBOCHARGER [FILTERED AIR PIPE]	
FRONT FUEL HOSE TO HIGH-PRESSURE PUMP [FUEL HOSE]	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FRONT FUEL LINE TO ENGINE BAY [FEED LINE]	
FRONT FUEL LINE TO HIGH-PRESSURE PUMP [FEED LINE]	
FRONT FUEL LINE [FEED LINE]	



## 2017 BMW SULEV (PZEV) Parts List - B46 Vehicles (Cont.)

2017 BMW Emissions Related Parts List	
430i Coupe S - A	
430i xDrive Coupe S - A	
430i Convertible S - A	
430i xDrive Convertible S - A	
430i Gran Coupé S - M, A	
430i xDrive Gran Coupé S - A	
Part Name	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
FRONT WHEEL SPEED SENSOR DSC PULSE GENERATOR, FRONT	
FUEL FILLER CAP	
FUEL FILLER NECK	
FUEL FILLER PIPE EXTENSION	
FUEL INJECTOR	
FUEL INJECTOR O-RING	
FUEL LINE (TO HP FUEL PUMP) [FEED LINE]	
FUEL PUMP CLOSURE RING	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP W/ LEVEL SENSOR [DELIVERY MODULE]	
FUEL RAIL PRESSURE SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
FUEL TANK	
FUEL TANK VENT PIPE	
FUEL TEMPERATURE SENSOR [TEMP SENSOR, LEAK DIAGNOSIS]	
HIGH-DEMAND PCV PIPE WITH HEATER [VENT PIPE]	
HIGH-PRESSURE FUEL PUMP	
IGNITION COIL	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
INTAKE CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET	
INTAKE VANOS VVT ACTUATOR	
KNOCK SENSOR CYL 1-2 [PING SENSOR]	
KNOCK SENSOR CYL 3-4 [PING SENSOR]	
LOW-DEMAND PCV PIPE [VENT PIPE]	
LOWER TIMING CHAIN	
MANIFOLD ABSOLUTE PRESSURE AND TEMPERATURE (T-MAP) SENSOR	
MASS AIRFLOW SENSOR (MAF) O-RING [O-RING]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
NATURAL VACUUM LEAK DIAGNOSIS MODULE (NVLD II MODULE)	
OIL FILLER CAP	
REAR FUEL FEED LINE	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
REAR WHEEL SPEED SENSOR DSC PULSE GENERATOR, REAR	

2017 BMW Emissions Related Parts List	
430i Coupe S - A	
430i xDrive Coupe S - A	
430i Convertible S - A	
430i xDrive Convertible S - A	
430i Gran Coupé S - M, A	
430i xDrive Gran Coupé S - A	
Part Name	
REAR WHEEL SPEED SENSOR, VEHICLES WITH ACC DSC PULSE GENERATOR, REAR	
SCAVENGE AIR LINE	
SUCTION JET PUMP WITH LINE	
THROTTLE BODY	
THROTTLE BODY GASKET	
TORQUE CONVERTER	
TRANSMISSION CONTROL VALVE BODY [MECHATRONIC]	
TRANSMISSION ELECTRONIC CONTROL MODULE [CONTROL UNIT EGS]	
TRANSMISSION INPUT SPEED SENSOR [ROTATIONAL-SPEED SENSOR]	
TURBOCHARGER AIR DISCHARGE DUCT	
TURBOCHARGER GASKET RING	
TURBOCHARGER INTERCOOLER [CHARGE-AIR COOLER]	
TURBOCHARGER SCREW CLAMP	
TURBOCHARGER WITH EXH MANIFOLD AND WASTEGATE ACTUATOR	
UNDER-BODY CATALYTIC CONVERTER [RP-CATALYTIC CONV WITH CENTER MUFFLER]	
UPPER TIMING CHAIN	
VALVE COVER GASKET [PROFILE SEAL CYLINDER HEAD COVER]	
VALVETRONIC ACTUATOR O-RING [GASKET]	
VALVETRONIC ACTUATOR [ECCENTRIC SHAFT ACTUATOR]	
VANOS VVT CENTRAL VALVE	

<b>2017 BMW Emissions Related Parts List</b>	
<b>530i - A, SP</b>	
<b>530i xDrive - A, SP</b>	
Part Name	
HEAT MANAGEMENT SYSTEM	
POSITIVE CRANKCASE VENTILATION [VENT PIPE]	
CYLINDER HEAD AIR DISCHARGE FITTING	
TEMPERATURE SENSOR [TEMPERATUR SENSOR CYLINDER HEAD]	
VALVETRONIC ACTUATOR	
VALVETRONIC ACTUATOR GASKET	
CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
OIL FILLER CAP	
VALVE COVER GASKETS [PROFILE SEAL FOR CYLINDER HEAD COVER]	
VANOS VVT ACTUATOR	
KNOCK SENSOR [PING SENSOR]	
OIL PRESSURE SENSOR	
TEMPERATURE SENSOR [TEMPERATUR SENSOR WATER/OIL]	
INTAKE SYSTEM SEAL	
INTAKE SYSTEM WITH CHARGE AIR COOLER	
MANIFOLD ABSOLUTE PRESSURE AND TEMP. SENSOR (MAPT) [INTAKE MANIFOLD PRES. SENSOR]	
LOWER TIMING CHAIN	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
UPPER TIMING CHAIN	
VANOS VVT CENTRAL VALVE [CENTRAL VALVE VANOS SHORT]	
EXHAUST MANIFOLD GASKET	
TURBOCHARGER	
TURBOCHARGER CLAMP	
TURBOCHARGER GASKET	
TURBOCHARGER WASTEGATE ACTUATOR	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
IGNITION COIL	
CHARGE AIR DUCT (CAC TO THROTTLE)	
CHARGE AIR DUCT GASKET/O-RING (TURBOCHARGER TO CAC)	
CHARGE AIR DUCT PRESSURE SENSOR	
CHARGE AIR TEMPERATURE SENSOR	
FRESH AIR DUCT CONNECTING CLAMP	
FRESH AIR DUCT TO INTAKE MANIFOLD CLAMP	
FRESH AIR INTAKE TUBE (INTAKE TO TURBOCHARGER)	
FRESH AIR INTAKE TUBE CLIP (INTAKE TO TURBOCHARGER)	
FRESH AIR INTAKE TUBE GASKET/ O-RING (INTAKE TO TURBOCHARGER)	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FUEL LINE [FUEL HOSE]	
FUEL SUPPLY LINE [SUPPLY LINE TO ENGINE COMPARTMENT]	

2017 BMW Emissions Related Parts List	
530i - A, SP	
530i xDrive - A, SP	
Part Name	
HIGH-PRESSURE FUEL PUMP	
FUEL INJECTOR	
FUEL INJECTOR GASKET RING	
FUEL RAIL SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
AIR CLEANER [INTAKE MUFFLER]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
FUEL TANK BREATHER LINE	
FUEL TANK BREATHER VALVE	
SUCKING JET PUMP	
THROTTLE BODY	
THROTTLE BODY GASKET	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
LEAK DIAGNOSIS MODULE DUST FILTER	
LEAKAGE DETECTION SWITCH SEALING GROMMET	
NATURAL VACUUM LEAKAGE DETECTION SWITCH [PRESSURE SWITCH, LEAK DIAGNOSIS MODULE]	
REAR SCAVENGE AIR LINE	
SUPPLEMENTARY EVAPORATIVE EMISSION CANISTER [SUPPLEMENTARY CARBON CANISTER]	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FRONT PART REAR FUEL LINE [FRONT FEED LINE]	
FRONT SCAVENGE AIR LINE	
REAR PART REAR FUEL LINE [REAR FEED LINE]	
FUEL LEVEL SENSOR	
FUEL PUMP CLOSURE RING	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP [DELIVERY MODULE]	
LEAKAGE DETECTION TEMPERATUR SENSOR [TEMP. SENSOR, LEAK DIAGNOSIS MODULE]	
FUEL FILLER CAP	
FUEL FILLER PIPE	
FUEL FILLER PIPE EXTENSION	
FUEL FILLER PIPE EXTENSION CLAMP	
FUEL TANK	
CATALYTIC CONVERTER	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
TRANSMISSION CONTROL MODULE [MECHATRONIC]	
TORQUE CONVERTER	
WHEEL SPEED SEONSOR, FRONT [DSC PULSE GENERATOR, FRONT]	
WHEEL SPEED SEONSOR, REAR [DSC PULSE GENERATOR, REAR]	
DSC CONTROL UNIT	
ACCELERATOR PEDAL, AUTOMATIC	

2017 BMW SULEV (PZEV) Parts List - B46 Vehicles

2017 BMW Emissions Related Parts List	
X1 sDrive 28i, Automatic	
X1 xDrive 28i, Automatic	
Part Name	
ACCELERATOR PEDAL, AUTOMATIC	
AIR CLEANER [INTAKE SILENCER]	
CANISTER PURGE VALVE [FUEL TANK BREATHER VALVE]	
CANISTER VENT PIPE WITH LEAK DIAGNOSIS MODULE / PRESSURE SENSOR	
CATALYTIC CONVERTER GASKET	
CATALYTIC CONVERTER SCREW CLAMP	
CHARGE AIR DUCT TO CAC [CHARGE AIR LINE]	
CHARGE AIR DUCT TO CHARGE AIR TUBE [CHARGE AIR TUBE]	
CHARGE AIR DUCT TO/FROM CAC GASKET [PREFORMED SEAL]	
CHARGE AIR TEMPERATURE AND PRESSURE SENSOR [T-MAP SENSOR, 3.5 BAR]	
CHARGE AIR TUBE	
CHARGE AIR TUBE GASKET	
CLOSE-COUPLED CATALYTIC CONVERTER [RP-PRIMARY CATALYTIC CONV]	
COOLANT PUMP WITH THERMOSTAT	
COOLANT TEMPERATURE SENSOR	
COOLANT TEMPERATURE SENSOR O-RING [O-RING]	
CRANKSHAFT POSITION SENSOR (CKP) [CRANKSHAFT SENSOR]	
CYLINDER HEAD AIR DISCHARGE FITTING	
BRAKE SYSTEM CONTROL MODULE [DSC CONTROL UNIT]	
ELECTRIC COOLANT PUMP	
ENGINE CONTROL MODULE (ECM) [CONTROL UNIT DME]	
EVAPORATIVE CANISTER PURGE PIPE [BREATHER LINE]	
EVAPORATIVE EMISSION CANISTER [ACTIVATED CHARCOAL FILTER]	
EVAPORATIVE EMISSION DUST FILTER	
EXHAUST CAMSHAFT POSITION ADJUSTMENT UNIT	
EXHAUST CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
EXHAUST CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
EXHAUST MANIFOLD GASKET	
EXHAUST VANOS VVT ACTUATOR	
FRESH AIR INTAKE TO TURBOCHARGER [FILTERED AIR PIPE]	
FRONT FUEL HOSE TO HIGH-PRESSURE PUMP [FUEL HOSE]	
FRONT FUEL LINE (FUEL PUMP TO FUEL RAIL) [HIGH PRESSURE PIPE]	
FRONT FUEL LINE TO ENGINE BAY [FEED LINE]	
FRONT FUEL LINE TO HIGH-PRESSURE PUMP [FEED LINE]	
FRONT HEATED OXYGEN SENSOR [REGULATING LAMBDA PROBE]	
FRONT SCAVENGE AIR LINE	
FRONT WHEEL SPEED SENSOR DSC PULSE GENERATOR, FRONT	
FUEL FILLER CAP	
FUEL FILLER NECK	
FUEL FILLER PIPE EXTENSION	
FUEL INJECTOR	
FUEL INJECTOR O-RING	
FUEL PUMP CLOSURE RING	

## 2017 BMW SULEV (PZEV) Parts List - B46 Vehicles (Cont.)

<b>2017 BMW Emissions Related Parts List</b>	
<b>X1 sDrive 28i, Automatic</b>	
<b>X1 xDrive 28i, Automatic</b>	
Part Name	
FUEL PUMP CONTROL MODULE [CONTROL UNIT FOR FUEL PUMP]	
FUEL PUMP O-RING [DELIVERY MODULE O-RING]	
FUEL PUMP [DELIVERY MODULE]	
FUEL RAIL PRESSURE SENSOR [SENSOR, HIGH-PRESSURE]	
FUEL RAIL [HIGH-PRESSURE RAIL]	
FUEL TANK	
FUEL TEMPERATURE SENSOR [TEMP SENSOR, LEAK DIAGNOSIS]	
HIGH-DEMAND PCV PIPE WITH HEATER [VENT PIPE]	
HIGH-PRESSURE FUEL PUMP	
IGNITION COIL	
INTAKE CAMSHAFT POSITION ADJUSTMENT UNIT	
INTAKE CAMSHAFT POSITION SENSOR (CMP) [PULSE GENERATOR]	
INTAKE CAMSHAFT POSITION SENSOR GASKET [PULSE GENERATOR O-RING]	
INTAKE MANIFOLD	
INTAKE MANIFOLD GASKET	
INTAKE VANOS VVT ACTUATOR	
KNOCK SENSOR [PING SENSOR]	
LOW-DEMAND PCV PIPE [VENT PIPE]	
LOWER TIMING CHAIN	
MANIFOLD ABSOLUTE PRESSURE AND TEMPERATURE (T-MAP) SENSOR	
MASS AIRFLOW SENSOR (MAF) O-RING [O-RING]	
MASS AIRFLOW SENSOR (MAF) [HOT-FILM AIR MASS METER]	
MUFFLER CLAMP	
NON-RETURN VALVE FOR BRAKE BOOSTER VACUUM	
OIL FILLER CAP	
REAR FUEL FEED LINE	
REAR HEATED OXYGEN SENSOR [MONITORING LAMBDA PROBE]	
REAR WHEEL SPEED SENSOR DSC PULSE GENERATOR, REAR	
SCAVENGE AIR LINE	
THROTTLE BODY	
THROTTLE BODY GASKET	
TORQUE CONVERTER	
TRANSMISSION CONTROL VALVE BODY [MECHATRONIC]	
TRANSMISSION ELECTRONIC CONTROL MODULE [CONTROL UNIT EGS]	
TRANSMISSION INPUT SPEED SENSOR [ROTATIONAL-SPEED SENSOR]	
TURBOCHARGER AIR DISCHARGE DUCT	
TURBOCHARGER GASKET RING	
TURBOCHARGER INTERCOOLER [CHARGE-AIR COOLER]	
TURBOCHARGER SCREW CLAMP	
TURBOCHARGER WITH EXH MANIFOLD AND WASTEGATE ACTUATOR	
UPPER TIMING CHAIN	
VALVE COVER GASKET [PROFILE SEAL CYLINDER HEAD COVER]	

## 2017 BMW SULEV (PZEV) Parts List - B46 Vehicles (Cont.)

2017 BMW Emissions Related Parts List	
X1 sDrive 28i, Automatic	
X1 xDrive 28i, Automatic	
Part Name	
VALVETRONIC ACTUATOR [ECCENTRIC SHAFT ACTUATOR]	
VANOS VVT CENTRAL VALVE	