

*TechSmartParts.com*

# *Import Parts Guide*

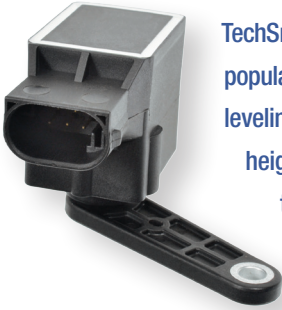
## *2016*



**TechSmart**<sup>®</sup>  
SMP<sup>®</sup>

*Think TechSmart First*

## TechSmart® Headlight Level Sensor



TechSmart® offers a line of premium Headlight Level Sensors for today's most popular import applications. Headlight level sensors work with a vehicle's self-leveling headlight system and adjust the headlight height in relation to the vehicle height. If the vehicle's trunk is loaded and the rear is sagging, this would typically cause the lights to shine high. With operational headlight level sensors, the headlight level would be adjusted to compensate for the rear being low. When the OE sensor fails you're left with a headlight that will shine either too high or too low, creating a dangerous driving situation for vehicles on the road. When the original fails, trust TechSmart® to provide the highest-quality replacement solution for this issue.



### Functioning Headlight Level Sensor

Headlight beams remain level despite vehicle height.



### Malfunctioning Headlight Level Sensor

Headlight beams angle up due to vehicle height reducing driver visibility.

## TechSmart® DISA Valve Repair Kits



The DISA Valve within the variable intake manifold on BMW vehicles raises the low and midrange torque and the top end power output. Over time, the OE flap becomes stripped, rattles and stops working. TechSmart® now offers high-quality repair kits for faulty DISA Valves on 2012-97 BMW vehicles. Save time and money by simply replacing the damaged flap and not the entire assembly. Kits come complete with new flap, flap hinge, hinge pin, retaining clip, O-ring, and extractor screw.

\*Kit only. Actuator not included.

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COMPLETE ACCESS  
TO ALL SMP PARTS IN  
ONE EASY-TO-USE APP**

Scan below to download the SMP® PARTS APP





# Import Parts Guide



**B49001**  
Automatic Transmission  
Oil Cooler Thermostat  
BMW 2008-00  
VIO over 780,000

## PROBLEM SOLVER

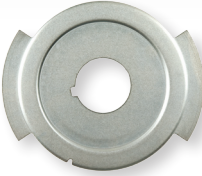
*Corrects poor  
transmission cooling  
due to a failed OE unit*



**Z70001**  
Brake Master Cylinder  
Reservoir Service Kit  
Audi 1999-88  
VW 1999-98  
VIO over 200,000

## COMPLETE KIT

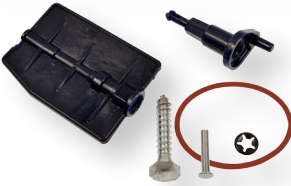
*High-quality, direct replacement  
for cracked or leaking  
OE brake fluid reservoirs*



**L37001**  
Crankshaft Blade  
Hyundai 2006-99

## PROBLEM SOLVER

*Replaces warped OE  
unit that can lead to a  
failed crank sensor*



**F66002**  
DISA Valve Repair Kit  
BMW 2012-01  
VIO over 670,000

## COMPLETE KIT

*Repair just the damaged flap portion of  
the DISA valve instead of replacing  
the entire assembly  
Includes a new flap, hinge, pin, retaining  
clip, and an extractor screw for O-ring*



**F66003**  
DISA Valve Repair Kit  
BMW 2006-01  
VIO over 450,000

## COMPLETE KIT

*Repair just the damaged flap portion of  
the DISA valve instead of replacing  
the entire assembly  
Includes a new flap, hinge, pin, retaining  
clip, and an extractor screw for O-ring*



**L59001**  
Driveshaft Center  
Support Bearing  
VW Touareg 2010-04  
Porsche Cayenne 2010-03  
VIO over 125,000

## PROBLEM SOLVER

*Replace just the failed OE  
center support bearing  
instead of the expensive  
2-piece driveshaft assembly*



**B96002**  
Eccentric Shaft Position Sensor  
BMW 2012-05  
VIO over 840,000

## THINK TECHSMART FIRST

*Proven quality  
replacement for failed OE  
unit on late model BMWs*

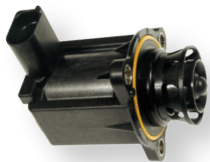


◀ TechSmart®  
Solution  
(piston-driven)

▶ **TechSmart® Electronic Diverter Valve**

To improve poor drivability from faulty electronic diverter valves, TechSmart's Electronic Diverter Valve features a piston-driven design that eliminates turbocharger boost leaks and ensures consistent boost pressures throughout the RPM range. The result is improved performance for select Audi and Volkswagen vehicles with 2.0T engines.

**Related Part:** If you're working on an Audi or Volkswagen 2.0T engine, check out TechSmart's N16001 Engine Crankcase Vent Valve, which covers 2.0T FSI-equipped vehicles.



**G62001**  
Electronic Diverter Valve  
Audi/VW w/ 2.0T 2010-05  
VIO over 500,000

**PROBLEM SOLVER**

*Upgraded piston design restores boost pressures and drivability*



**S20058**  
Electronic Throttle Body  
Nissan/Infiniti 3.5L V6 2008-02

**100% NEW NOT REMAN**

**1.5 MILLION**  
VIO



**G16001**  
Engine Crankcase Vent Valve  
Audi/VW 2005-01  
VIO over 240,000

**THINK TECHSMART FIRST**

*Proven quality replacement for cracked or failed OE "hockey puck" valve on 1.8T equipped vehicles*



**N16001**  
Engine Crankcase Vent Valve  
Audi/VW 2010-05  
VIO over 340,000

**THINK TECHSMART FIRST**

*Proven quality replacement for 2.0T FSI equipped vehicles  
Helps fix P1297, P2187, and P2279 DTCs*



**S49002**  
Expansion Tank Service Kit  
BMW 2006-00  
VIO over 680,000

*Includes expansion tank, auto trans oil cooler thermostat, cap, hose-clip, and coolant level sensor to replace cracked coolant tank and restore proper cooling system functions*

# Import Parts Guide



Z49009  
Expansion Tank Service Kit  
BMW 7 Series 2008-02  
VIO over 100,000

## COMPLETE KIT

*Complete kit replaces leaking expansion tank to restore proper cooling functions  
Cap and level sensor included*



Z49011  
Expansion Tank Service Kit  
BMW 5 Series 2010-04  
BMW 6 Series 2010-04  
VIO over 300,000

## COMPLETE KIT

*Complete kit replaces leaking expansion tank to restore proper cooling functions  
Cap and level sensor included*



Z49017  
Expansion Tank Service Kit  
Mercedes-Benz  
ML Class 2005-99  
VIO over 200,000

## COMPLETE KIT

*Complete kit replaces leaking expansion tank to restore proper cooling functions  
Cap and level sensor included*



Z49020  
Expansion Tank Service Kit  
Mercedes-Benz  
C Class 2007-01  
CLK Class 2009-03  
VIO over 500,000

## COMPLETE KIT

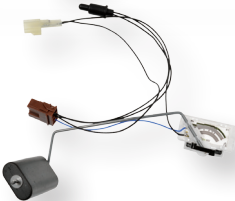
*Complete kit replaces leaking expansion tank to restore proper cooling functions  
Cap and level sensor included*



Z49039  
Expansion Tank Service Kit  
Land Rover  
Range Rover 2005-03

## COMPLETE KIT

*Complete kit replaces leaking expansion tank to restore proper cooling functions  
Cap and level sensor included*



K07013  
Fuel Level Sensor  
Nissan Murano 2009-03  
VIO over 485,000

## PROBLEM SOLVER

*Replace just the failed sensor instead of the entire fuel pump assembly*



T48001  
Fuel Pump Cam Follower  
VW/Audi 2013-06  
VIO over 1.0 million

## PROBLEM SOLVER

*Replacing the cam follower prevents damage to the fuel pump and camshaft*





► **TechSmart® NEW (Not Reman)  
Electronic Throttle Bodies**

Electronic throttle bodies have high failure rates. When the original fails, it can affect a vehicle's power, fuel economy, and drivability. Meeting the demand for high-quality replacements, TechSmart's line of Electronic Throttle Bodies includes more than 130 direct-replacement units and covers more than 65 million VIO. To ensure quality and reliability, each unit is 100% new, never remanufactured. Plus, with our units you won't encounter comebacks due to worn items in a partial rebuild.



**C82003**  
Gear Repair Kit - Power Seat  
Infiniti G35 2007-03  
VIO over 360,000

**COMPLETE KIT**

*Replace just the damaged power seat track gears instead of the entire seat track assembly to restore power seat movement*



**C82005**  
Gear Repair Kit - Power Seat  
Nissan/Infiniti 2004-00  
VIO over 500,000

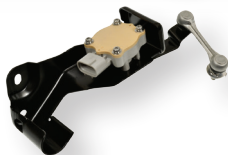
**COMPLETE KIT**

*Replace just the damaged power seat track gears instead of the entire seat track assembly to restore power seat movement*



**B71001**  
Headlight Level Sensor  
BMW Cars & SUVs 2010-97

**2.4 MILLION  
VIO**



**B71051**  
Headlight Level Sensor  
Toyota Prius 2009-04  
VIO over 620,000

**PROVEN QUALITY**

*Comes complete with new sensor, bracket, and linkage*



**G91004**  
Headlight Level Motor  
Honda Odyssey 2013-11  
VIO over 340,000

**PROBLEM SOLVER**

*Replace just the level motor instead of the whole headlight assembly*

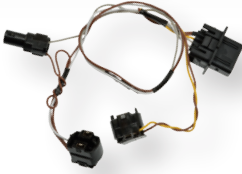
# Import Parts Guide



G91005  
Headlight Level Motor  
Toyota Prius 2011-06  
Toyota Prius 2013-12  
Toyota 2010-09  
VIO over 1.0 million

## PROBLEM SOLVER

*Replace just the level motor instead of the whole headlight assembly*



F90002  
Headlight Wiring Harness  
Mercedes E-Class 2000-96  
VIO over 150,000

## PROBLEM SOLVER

*Replaces damaged headlight wiring harnesses to restore proper headlight function.*



R66015  
HID Ballast  
Nissan/Infiniti 2013-04

**2.4** MILLION  
VIO



G17003  
HVAC Temperature Blend Door Motor  
Hyundai Azera 2010-06  
Hyundai Santa Fe 2010-06  
Hyundai Sonata 2010-08  
VIO over 720,000

## THINK TECHSMART FIRST

*Fit, form, function is an exact-match to OE design*



H11001  
Ignition Coil Harness Repair Kit  
Audi/VW 2006-00  
VIO over 280,000

## PROBLEM SOLVER

*Repair only the damaged portion instead of replacing the entire harness*



Z88001  
Leak Detection Pump  
BMW 2013-98  
VIO over 1.4 million

## PROVEN QUALITY

*Replaces damaged OE fuel vapor leak detection pump restoring proper leak test functions*



V38002  
MAF Sensor Repair Kit  
Volkswagen 2006-00  
VIO over 300,000

## COMPLETE KIT

*Includes sensor and Torx bit to replace just the failed sensor instead of the entire assembly*





▶ **TechSmart® Honda Throttle Position Repair Kits**

When the OE throttle position sensor on select Honda and Acura vehicles breaks, you have to replace the entire throttle body. Saving you money on a full replacement, TechSmart's Throttle Position Sensor Repair Kits come complete with everything you need to replace only the sensor, including a throttle position sensor, a gasket, and mounting hardware.

**TechSmart® Tip:** Once you remove the old rivets and install the new sensor using the included hardware, simply follow the OE service manual's TPS calibration procedure to calibrate the sensor.



L26001  
Oil Level Sensor  
BMW 2010-95

**1.3 MILLION**  
VIO



O27002  
Oil Separator  
BMW 2006-97  
VIO over 340,000

**PROVEN QUALITY**

*High-failure OE part  
OE valves freeze, crack,  
and fail especially in  
colder weather*



Z16006  
Oil Separator Kit  
BMW 2006-98  
VIO over 780,000

**COMPLETE KIT**

*Insulated to help prevent oil  
separator and hoses from cracking  
in cold weather climates*



R45001  
Power Distribution Center  
Volkswagen 2010-99  
VIO over 1.4 million

**PROBLEM SOLVER**

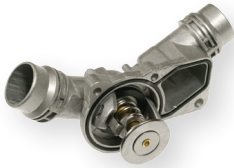
*OE is prone to melting  
and heat failure  
Complete assembly includes  
body, terminals, fuses, and cover*



B43005  
Rain Sensor  
BMW 2010-00

**1.0 MILLION**  
VIO

# Import Parts Guide



**Z63001**  
Thermostat Housing Assembly  
BMW 2006-97  
VIO over 1 million

## PROBLEM SOLVER

*TechSmart® aluminum construction replaces weak OE plastic design  
Includes temperature sensor, thermostat, and seal*



**Z63003**  
Thermostat Housing Assembly  
BMW Cars & SUVs 2011-06  
VIO over 870,000

## PROVEN QUALITY

*High-quality direct replacement includes temperature sensor and thermostat*



**Z63005**  
Thermostat Housing Assembly  
BMW Cars & SUVs 2010-00

## PROVEN QUALITY

*High quality direct replacement includes temperature sensor, thermostat, and seal*



**T42003**  
Throttle Position Sensor  
Repair Kit  
Acura 2005-02  
Honda 2005-02

## COMPLETE KIT

*Replace just the failed sensor  
Includes gasket and mounting hardware*



**G12001**  
Turbocharger Bypass Valve  
Audi/VW 2005-98  
VIO over 470,000

## PROVEN QUALITY

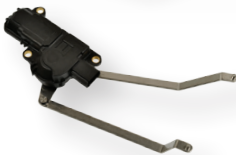
*Stronger "710P" valve with 14.4lb spring for better-than-OE performance*



**R56001**  
Variable Intake Manifold Actuator  
Audi/VW w/2.0T 2010-05  
VIO over 675,000

## PROBLEM SOLVER

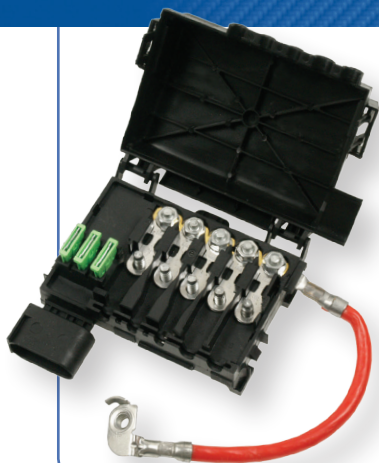
*Restores drivability and clears P2004 or P2015 "Flapper Sensor Failure" DTCs on 2.0T engines*



**R56003**  
Variable Intake Manifold Actuator  
Audi/VW 2010-05

## PROBLEM SOLVER

*Replace just the failed unit instead of the entire expensive intake manifold assembly on Audi/VW engines*



► **TechSmart® Power Distribution Centers**

Due to a flawed design, the competition's power distribution center can melt the plastic housing around the terminal, causing the part to fail. TechSmart's Power Distribution Center is a "Complete Kit" solution for the failed part. Manufactured in North America at our own TS16949-certified facility, it features several components designed to reduce resistance and prevent heat-related failure, including copper terminals and conductors, a 4 AWG cable with greater copper area, and high-quality fuses.

**TechSmart® Tip:** To prevent repeat failure, check the amperage draw of the original failed circuit when reconnecting the battery. If the draw exceeds OE specifications, replace the failed component.



**Z56003**  
Variable Intake Manifold  
Actuator Repair Kit  
Mercedes Benz 2011-05  
**VIO over 1 million**

**COMPLETE KIT**

*Replaces the damaged OE plastic intake manifold hinge with a metal unit*  
*Includes everything necessary for a complete repair*



**F10300**  
Variable Valve Timing  
(VVT) Spool Valve Filter  
Honda 2011-02  
Acura 2010-04  
**VIO over 2 million**

**PROBLEM SOLVER**

*Repair the clogged screen filter with an OE quality direct fit replacement*



**F10301**  
Variable Valve Timing  
(VVT) Spool Valve Filter  
Honda Odyssey 2009-06  
Honda Accord 2012-98  
**VIO over 1.8 million**

**PROBLEM SOLVER**

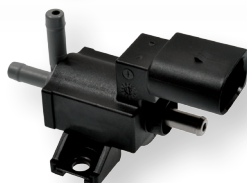
*Repair the clogged screen filter with an OE quality direct fit replacement*



**F10302**  
Variable Valve Timing  
(VVT) Spool Valve Filter  
Honda Civic 2014-06  
**VIO over 2.3 million**

**PROBLEM SOLVER**

*Repair the clogged screen filter with an OE quality direct fit replacement*



**B75001**  
Wastegate Frequency  
Control Valve  
Audi/VW w/2.0T 2010-05  
**VIO over 600,000**

**THINK TECHSMART FIRST**

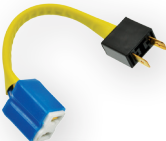
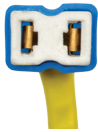












*High-quality direct replacement "N75" valve resolves boost pressure and drivability issues caused by a failed OE valve*

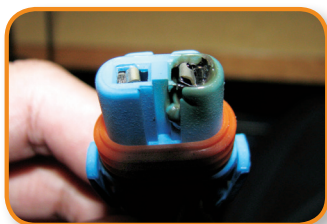


# TechSmart® High-Temp Headlight Harnesses

## Upgrade the harness when changing the bulb!

- TechSmart's high-temp connector prevents melting caused by high-intensity bulbs
- TechSmart® uses 14 gauge wire for better conductivity
- Complete "plug & play" harness plugs right in between the factory harness and new bulb
- Can be used as a pigtail if the original connector is melted
- Original style connectors can melt due to the heat generated by high-intensity bulbs

	<u>Part #</u>	<u>Bulb #</u>	
	F90001	H7	
	F90006	H11	
	F90007	H7	
	F90008	9005	
	F90009	9006	
	F90010	9004 & 9007	
	F90011	9003 & H4	
	F90012	H1 & H3	



Melted Original-style Unit



To purchase TechSmart® parts, contact your authorized SMP® supplier or representative.

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TS11190