



**PROVEN QUALITY
NEW TECHNOLOGY
PROBLEM SOLVERS**



Smart Solutions for Today's Technicians™



THE TECHSMART™ STORY

Smart Solutions for Today's Technicians™

Introducing TechSmart™.

TechSmart™ by SMP® is an exciting new brand of enhanced engine control products developed for the professional service technician. TechSmart™ was designed to help the technician with new technology parts, new categories, and problem-solving improvements to original equipment product issues.



Proven Quality. That's what makes TechSmart™ different.

Innovation, engineering expertise, superior product quality, meticulous testing, unmatched customer service, competitive pricing, and brand integrity. These very qualities that have made SMP® the engine management industry leader for more than 90 years, are at the heart of every

TechSmart™ part. Yes, we plan to introduce new TechSmart™ categories, but we're not going to pack every widget or gadget we can find into a TechSmart™ box – TechSmart™ parts will continue to complement the SMP® basic, core business.

Problem Solved.

In other words, TechSmart™ will be the expert in these engine control categories, period. That's why every time a professional service technician installs a TechSmart™ part... it means "Problem Solved"!



G35001 Air Suspension Spring Solenoid
Ford/Lincoln/Mercury Trucks 2005-95; V10 over 4.5 million

TechSmart™ features 156 high-volume parts in 39 categories, many of which are featured in this TechSmart™ brochure. Look for future line additions in upcoming booklets and on TECHSMARTPARTS.com.

TechSmart™

SMP®

PROBLEM SOLVED

Case Study: R45001 Power Distribution Center

Original Issue Detailed

The factory fuse boxes located above the battery on many late model Audi and VW models are prone to extreme heat failure. When these fuses overheat they burn out and often melt the plastic housing around the terminal. Even though the full assembly is typically damaged, replacement parts from the OE are only available as separate components.



OE Unit is Prone to Melting
and Heat Failure

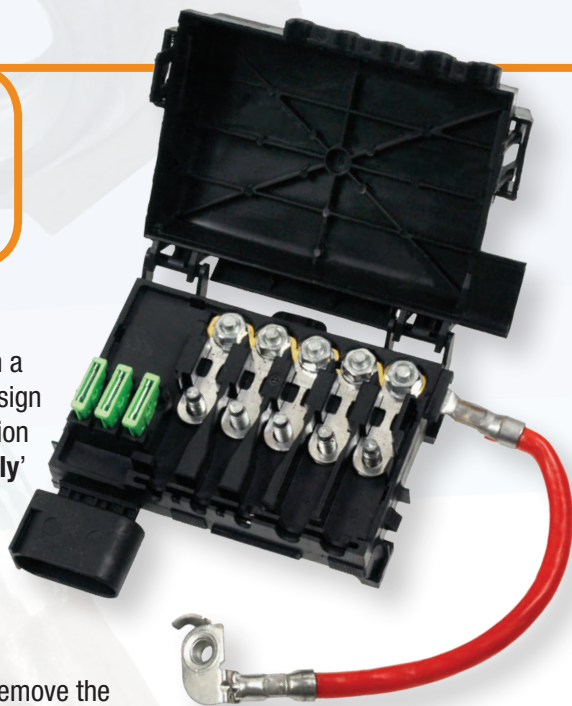
TechSmart™ has
the only 'Complete
Assembly' solution

Problem Solved

TechSmart™ provides technicians with a smart solution for this common OE design flaw. The TechSmart™ Power Distribution Center is the only 'Complete Assembly' solution – top cover, lower body, terminals and European color-matched fuses.

Smart Tip

After you disconnect the battery and remove the failed OE unit, install TechSmart™ R45001 Power Distribution Center. Reconnect the battery and check the amperage draw of the original failed circuit. If the amperage draw in the circuit exceeds OE specifications, replace the failed component in order to prevent a repeat failure.



R45001
Power Distribution Center
VW 2010-99
VIO over 1.5 million

EGR TOOL & REPAIR KIT / HVAC AIR DOOR ACTUATOR

PROBLEM SOLVED

TechSmart™ introduces a smart solution to the EGR clogging problem on Honda Accord and Acura TL V6 models.

F23001
EGR Repair Kit
Honda 2001-98,
Acura 99
VIO .5 million



B22001
EGR Tool Kit
Honda 2001-98,
Acura 99
VIO .5 million

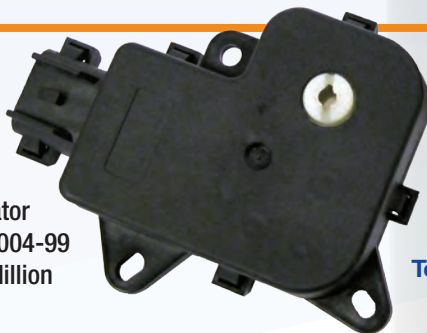
Issue Detailed

Due to a poor OE intake manifold design, the EGR port on these vehicles becomes backed up with carbon buildup often causing a check engine light and emissions failure.

Problem Solved

The TechSmart™ reusable EGR Tool Kit is paired up with our EGR Repair Kit to unclog the EGR port and return the valve assembly to proper working order!

J04002 HVAC
Air Door Actuator
Jeep Trucks 2004-99
VIO over 1.2 Million



**TechSmart™ HVAC
Air Door Actuator
Matches the Original**

TechSmart™

OE

TechSmart™ introduces the finest quality **OE-matching** HVAC Temperature Blend and Recirculation Door Actuator for late-model Jeep Grand Cherokees. TechSmart™ parts are engineered for a perfect fit every time.



TURBOCHARGER OIL DRAIN TUBE

TechSmart™

SMP®

TechSmart™ introduces an improved Turbocharger Oil Drain Tube for Ford 6.0L diesel applications. The TechSmart™ engineers enhanced the design of the rust-prone high-failure OE by developing a drain tube that uses Zinc plated cold-rolled steel.

**TechSmart™ Turbo
Oil Drain Tube
Outperforms the OE**

L17001
Turbocharger
Oil Drain Tube
Ford Diesel Trucks 2010-05
VIO .5 million

PROBLEM SOLVED

Salt Fogging Test

Our engineers subjected OE and TechSmart™ samples to a salt fogging test for 48 consecutive hours to accelerate corrosion and see how our improved TechSmart™ design would compare to the original.

The Result

The pictures tell the story. The OE tube began to rust almost immediately while the improved TechSmart™ tube showed almost no corrosion. Technicians can trust TechSmart™ proven quality for a smart solution to an OE problem.

Salt Fogging Test Specifications

Environment	Fog Chamber
Temperature	95°F / 35°C
Solution	5% Sodium Chloride; 95% Distilled Water
Application	Continual Spray
Duration	48 Hours
Drying	Warm Water Rinse; Air Dry

TechSmart™

OE

PROVEN QUALITY

Smart Solutions for Today's Technicians™

TAIL LIGHT CIRCUIT BOARD / THIRD BRAKE LIGHT

TechSmart™ offers premium quality replacement Tail Light Circuit Boards for Dodge, GMC, and Chevrolet trucks.

Strict attention to detail in the manufacturing process helps guard against water intrusion. TechSmart™ internal circuits stay protected ensuring these critical safety components will function properly.

Q46002
Tail Light Circuit Board
Chev. Trucks 2009-04
VIO over .5 million

Tail Light Circuit Boards

VIO Over 2 million

Q46003
Tail Light Circuit Board
Dodge Trucks 2006-03
VIO over 1.5 million

PROBLEM SOLVED

S47001
Third Brake Light
GM Truck 2006-03
VIO over 1.4 million

Third Brake Light **VIO Over 1.4 million**

TechSmart™ offers a complete Third Brake Light assembly for late model Chevrolet Tahoe, Suburban and GMC Yukon models. Brighter LED lamps and an OE-matching molded rubber gasket make TechSmart™ the smart solution.

PROBLEM SOLVING & NEW TECHNOLOGY PARTS



V38001
Mass Air Flow Sensor
Dodge Trucks 2004-03
Freightliner Trucks 2004-02
Mercedes Benz 1999-95

PROBLEM SOLVED

*Sensor Available Separately
from the Housing and
Includes Torx Bit for
Removal of OE Sensor*



F04012
HVAC Air Door Actuator
GM Trucks 2010-03
VIO over 7.2 million

PROVEN QUALITY

*Floor Mode Door
Actuator for Late
Model GM Trucks*



F04013
HVAC Air Door Actuator
GM 2009-95
VIO over 4.2 million

PROVEN QUALITY

*Recirculation Mode Door
Actuator for Late Model
GM Cars & Trucks*



K07002
Fuel Level Sensor
GMC Trucks 2006-05
Chevrolet Trucks 2006-05

PROBLEM SOLVED

*Now Service Separate
from the Fuel Pump*



S20038
Electronic Throttle Body
Ford 2010-05

NEW TECHNOLOGY



N15002
ABS Sensor
Repair Harness
GM 2010-00
VIO over 9.5 million

PROBLEM SOLVED

*Repair the Harness Without
Replacing the Sensor*



N15003
ABS Sensor
Repair Harness
GM 2006-00
VIO over 4.8 million

PROBLEM SOLVED

*Repair the Harness Without
Replacing the Sensor*

NEW TECHNOLOGY

Park Assist Sensors

TechSmart™ offers its introductory line of Ford OE-specific premium Park Assist Sensors. Also known as back-up sensors, this advanced safety technology will soon be mandatory on all new vehicles. Count on TechSmart™ to provide proven quality for these key safety elements.

T36006
Park Assist Sensor
Ford/Lincoln/Mercury 2011-01
VIO over 8.8 million



T36001
Park Assist Sensor
Ford/Lincoln/Mercury 2011-05
VIO over 1.2 million

Park Assist Sensors
VIO Over 11.3 million

156 TechSmart
Products

39 Product
Categories

41 Problem
Solvers

ABS Sensor Repair Harness
Air Suspension Spring Solenoid
Ambient Light Sensor
Crankshaft Blade
Daytime Running Light Module
Diesel Injector Sleeve
EGR Pressure Feedback Hose Kit
EGR Repair Kit
EGR Tool Kit
EGR Transducer
Electronic Throttle Body
Engine Block Heater
Engine Crankcase Breather Hose
Engine Crankcase Vent Valve

Engine Variable Timing Unit
Fuel Level Sensor
Headlight Module
Headlight Switch Knob
HVAC Air Door Actuator
Hybrid Electric Water Pump
Ignition Coil Connector
Keyless Entry Transmitter
Mass Air Flow Sensor Repair Kit
Oil Level Sensor
Oil Separator
Park Assist Sensor
PMD Resistor
Power Distribution Center

Shift Interlock Actuator
Steering Column Shift Tube
Steering Tube Bushing
Supercharger Bypass Valve
Tail Light Circuit Board
Third Brake Light
Throttle Position Sensor
Transmission Oil Temperature Sensor
Transmission Pressure Switch Assy.
Turbo Oil Drain Tube
Turbocharger Solenoid