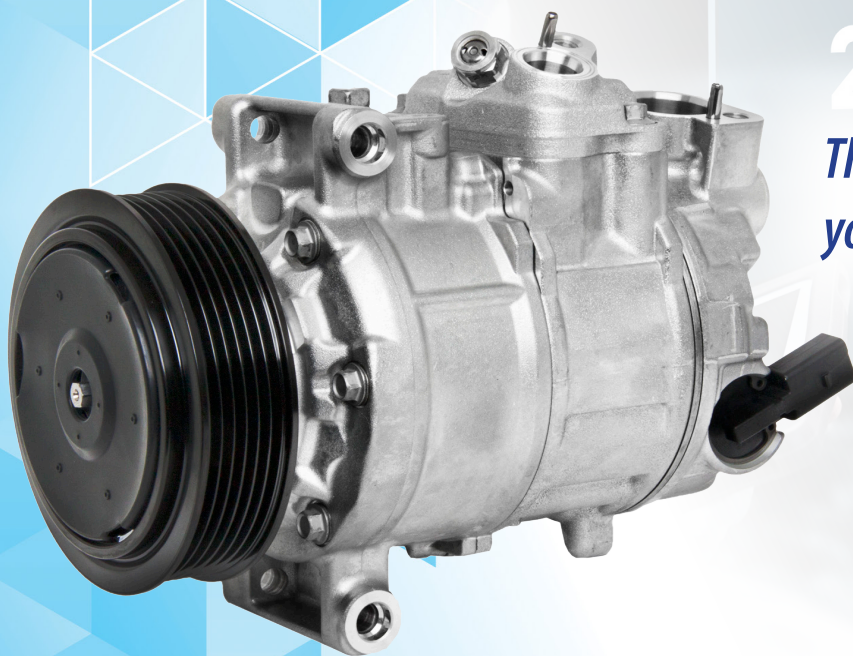


# TEMP SELECT™

## Electronically Controlled Variable Displacement Compressor (ECV) Diagnostic Tool Kit P/N 69636



*The only thing standing between  
you and a misdiagnosis!*

***As HVAC technology evolves, diagnosing poor A/C performance has become increasingly more difficult. Four Seasons® new ECV Compressor Diagnostic Tool puts YOU in direct control of compressor pumping displacement, making diagnosis simple and easy!***

## ***New Technology Requires the Right Tools!***

Many of today's vehicles are now equipped with an ECV compressor. These compressors do not have a conventional clutch, meaning the compressor shaft turns all the time, even when the air-conditioning is off! This sophisticated technology can make it difficult to determine if poor air conditioning performance is being caused by a computer control issue or a refrigeration system issue. This can result in an expensive misdiagnosis and unnecessary compressor replacement.



### **Part # 69636**

#### **Kit Includes:**

- Hand held ECV compressor tester unit
- Power leads and wire harness set
- 14 Female connectors
  - Including 11 for specific compressor applications and 3 universal connectors
- 15 Male connectors
  - Including 14 specific for ECU applications and 1 universal connector
- Convenient carrying case
- Instruction sheet

***Quickly diagnose clutchless  
compressor failure***

\*Tool comes with over 20 custom pigtails to connect to virtually every manufacturer's computer controlled compressor. Some models from these manufacturers use ECV compressors: BMW, Chrysler, General Motors, Hyundai, Jaguar, Kia, Land Rover, Mercedes Benz, Nissan Infiniti, Subaru, Toyota/Lexus and VW/Audi/Porsche.



## Electronically Controlled Variable Displacement Compressor (ECV) Diagnostic Tool Kit



Scan here to see more information on Four Seasons® new ECV Tool and other informative videos!

### ***Quickly diagnose clutchless compressor failure!***

The Four Seasons® ECV compressor driver tool allows you to bypass the computer and to put YOU in direct control of compressor operation. Simply attach the driver tool to the compressor solenoid using the custom pigtailed provided, and manually exercise the compressor through its full displacement range. If pressures increase, you know the issue is a computer control issue. If the compressor fails to pump, the problem is a compressor or basic system issue. This tool makes compressor diagnosis simple and easy!



### **THE BENEFITS**

- Switch between manual and automatic mode to quickly differentiate between a computer control issue and a basic compressor/refrigeration system issue
- In manual mode, easily increase or decrease the compressor displacement command in discrete steps - 10%, 20%, 30% etc. while monitoring system pressures and temperatures. The tool's LCD displays the PWM percentage being applied to the solenoid.
- Tool monitors and displays solenoid resistance
- With tool in automatic mode, monitor actual command being sent by the computer to the displacement solenoid
- Test system in colder weather when compressor might not normally operate at maximum displacement
- Comes with custom pigtailed to test all major ECV compressors\*
- Tool interfaces with vehicle computer to avoid setting unnecessary codes during testing

*\*Warning failure to monitor the system pressures and temperatures while exercising compressor could result in catastrophic failure*

**TEMP SELECT** 



## Electronically Controlled Variable Displacement Compressor (ECV) Diagnostic Tool Kit Application Guide\*

Toyota Camry (16-12); RAV4 (12-09)	2,138,592
Chevy Fullsize Pickup (16-14); GMC Fullsize Pickup (15-14)	1,646,010
Mercedes C Class (15-01); CL Class (06-01); CLC Class (11-08); CLK Class (10-02); CLS Class (11-04); E Class (14-02); G Class (15-97); Glk Class (12-08); ML Class (11-98); R Class (07); S Class (06-98); SL Class (12-01); SLK Class (15-05); Sprinter (95); Viano (03); Vito (03)	1,586,025
Nissan Altima (16-13); Rouge (15-14)	1,418,359
Toyota Camry (09-07); Hilace (12-06); RAV4 (08-06)	1,188,690
Audi TT Series (13-12); VW Beetle (14-06); Bora (10-05); Golf/GTI (14-10); Jetta (14-05); Passat/CC (14-12); Rabbit (09-06)	1,144,594
Chevy Equinox (15-12); GMC Terrain (15-12)	1,142,528
Toyota Highlander (15-14); RAV4 (16-13)	1,045,489
Toyota RAV4 (16-13)	1,037,494
Toyota Corolla (16-14)	1,035,328
Audi A3 Series (13-10); TT Series (08); VW Beetle (15-12); Bora (10-09); Eos (10); Golf/GTI (14-10); Jetta (16-10); Passat/CC (16-10); Tiguan (15-11)	1,018,019
Dodge Caliber (12-09); Jeep Compass (16-09); Patriot (16-09)	998,908
Mercedes C Class (07-00); CL Class (14-03); CLK Class (10-02); CLS Class (11-04); E Class (09-02); GL Class (12-06); ML Class (11-05); R Class (11-05); S Class (13-98); SL Class (12-01); Viano (03)	982,248
Audi A1 Series (10); A3 Series (12-04); A4 Series (15-01); A5 Series (16-10); A6 Series (15-04); A8 Series (10-02); Allroad Quattro (16-13); Q Series (16-06); TT Series (10-07)	964,419
BMW 125 Series (13-04); 128 Series (13-06); 130 Series (06); 320 Series (12-05); 323 Series (11-05); 325 Series (12-05); 328 Series (13-05); 330 Series (11-05); 335 Series (12-07); 523 Series (10-05); 525 Series (10-05); 528 Series (10-07); 530 Series (10-04); 630 Series (04); 730 Series (05); M Series (13-06); X Series (09); Z Series (11-09)	941,495
Toyota Camry (11-09)	934,174
Buick Enclave (16-13); Chevy Traverse (16-13); GMC Acadia (16-13)	894,814

\*For a complete list of applications, visit [www.4s.com](http://www.4s.com)