

SMP TEMPERATURE CONTROL DIVISION

COMPRESSOR CLUTCH TIMER

DO YOU KNOW HOW LONG IT TOOK THIS COMPRESSOR TO EXPERIENCE CATASTROPHIC DAMAGE DUE TO LIQUID "SLUGGING"?

LESS TIME THAN IT TOOK YOU TO READ THIS QUESTION!





### Four Seasons has the solution!

Compressors on many modern A/C systems are mounted low down on the engine. This location leaves the compressor prone to liquid "slugging." When the vehicle sits, oil and liquid refrigerant collects in the compressor body. The result can be hydraulic lock with catastrophic compressor damage on initial compressor engagement. Four Seasons' new Problem Solving Part, The Deslugger®, solves this problem. See inside for more details.



### Extend compressor life by eliminating liquid "slugging" with Four Seasons The Deslugger®!

Four Seasons' The Deslugger® solves this liquid "slugging" problem by pulsing the compressor clutch multiple times during initial engagement. By gradually engaging the compressor, trapped liquid is gently moved out, preventing catastrophic hydraulic damage. Once the brief deslugging function is complete, the compressor reverts to normal cycling operation until the system has been off again for more than 30 minutes.

### P/N 36140 Honda CRV Applications

The Deslugger® P/N 36140 is for 06-02 Honda CRVs with a Scroll Compressor. These vehicles are especially prone to compressor slugging failures. Instruction sheet included.



### **P/N 36141**

### **GM Applications**

The Deslugger® P/N 36141 comes complete with application specific O.E. style connectors for GM vehicles with Denso 10S compressors. No splicing or modifications necessary. Simply "Plug and Play."

### P/N 36142 Chrysler / Dodge Applications

The Deslugger® P/n 36142 comes complete with application specific O.E. style connectors for Chrysler Voyager and Dodge Caravan vehicles with Denso 10S compressors. No splicing or modifications necessary. Simply "Plug and Play."



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### P/N 36150 Ford Applications

The Deslugger® P/N 36150 comes complete with application specific O.E. style connectors for Ford, Lincoln and Mercury vehicles. No splicing or modifications necessary. Simply "Plug and Play."

### **COMPRESSOR CLUTCH TIMER**

COMPRESSOR LIFE EXTENDER



The Deslugger® is another powerful demonstration of the innovative engineering and problem solving product expertise that SMP Temperature Control brings to real world problems!



## **NFSI IIGGFR® COMPRESSOR CLUTCH TIMER**

An Essential Problem Solving Part

✓ PREVENTS CATASTROPHIC COMPRESSOR DAMAGE FROM LIQUID "SLUGGING" IN LOW MOUNTED COMPRESSORS



✓ SOLVES KNOWN O.E. ISSUE

**✓ SIMPLE INSTALLATION** 

✓ PROTECTS BOTH NEW & RE-ENGINEERED COMPRESSORS

**✓ YEAR ROUND PROTECTION** 

### **EXTEND COMPRESSOR LIFE OF INSTALLED HEALTHY UNITS...**

by installing The Deslugger® as a preventative maintenance upgrade. Remember, the compressor runs all year long, even in winter when defrost is engaged.

**NOTE:** The Deslugger<sup>®</sup> is not a fix for units that have already suffered compressor damage.

### **DESIGNED SPECIFICALLY FOR THESE PART NUMBERS**

Compressor P/N	*Applications	Deslugger® P/N
57881	Honda CR-V 2.4L (06-02)	36140
58881	Honda CR-V 2.4L (06-02)	36140
77362	Several GM Car/Light Truck (12-00)	36141
77363	Several GM Car/Light Truck (12-00)	36141
77376	Several GM Car/Light Truck (11-03)	36141
77377	Several GM Car/Light Truck (11-03)	36141
78362	Several GM Car/Light Truck (12-00)	36141
78363	Several GM Car/Light Truck (12-00)	36141
78376	Several GM Car/Light Truck (11-03)	36141
78377	Several GM Car/Light Truck (11-03)	36141
77374	Several Chrysler /Dodge Car/Light Truck (07-01)	36142
78374	Several Chrysler /Dodge Car/Light Truck (07-01)	36142
168662	Several Ford Truck (17-11)	36150
167662	Several Ford Truck (17-11)	36150
68185	Several Ford/Lincoln/Mercury (11-06)	36150
67185	Several Ford/Lincoln/Mercury (11-06)	36150
68194	Several Ford/Lincoln Mercury Car (12-08)	36150
67194	Several Ford/Lincoln Mercury Car (12-08)	36150



