

Air Conditioning Protection Products from Index help you keep your cool

Our air conditioning system protection modules go beyond monitoring conditions of low or high pressure and voltage. They stop damaging events, such as over-cycling, and coordinate functions within the system.

Designed to thrive in harsh under-hood environments, Index Air Conditioning Protection Products save money by extending the life of the A/C system and identifying problems before they become costly repairs.

ACX-10 Air Conditioning Life Extender

■ Detection and protection system

The ACX-10 detects rapid cycling before you even notice that your air conditioner isn't working properly. As your A/C system charge levels drop, clutch cycles increase. The ACX-10 limits A/C clutch cycles to four engagements per minute, reducing system wear and tear.

■ Pressure protection

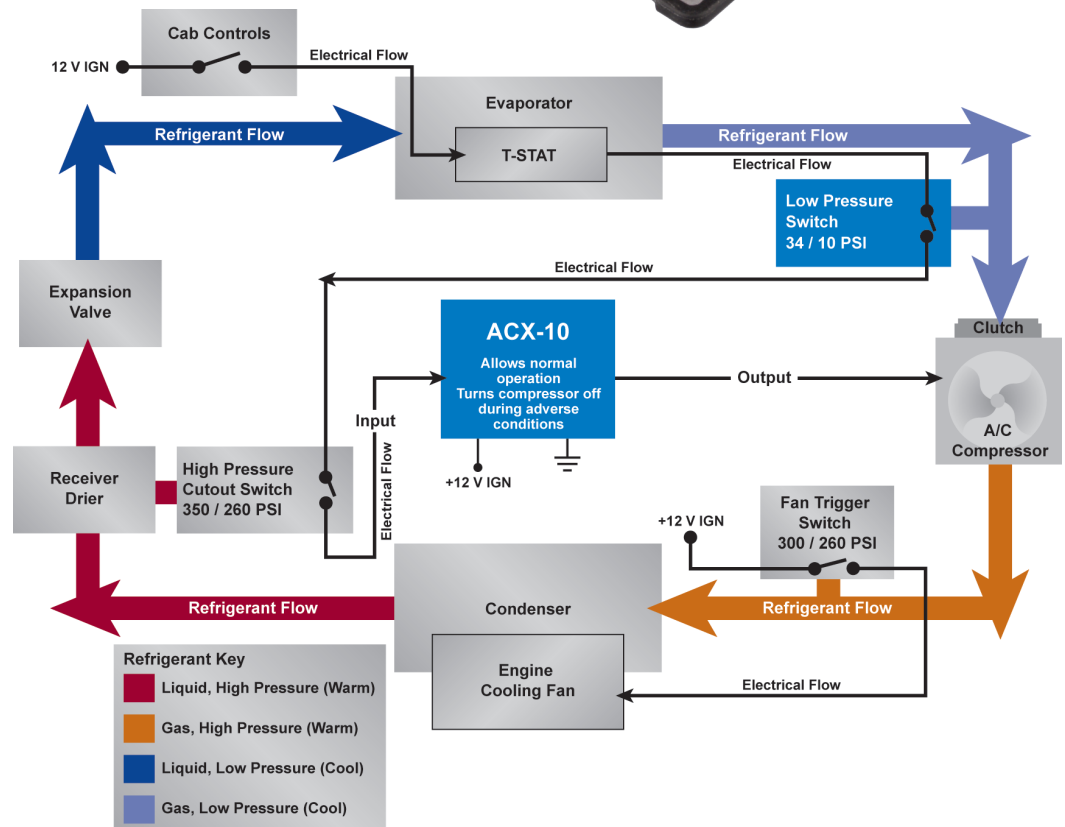
Improper system pressure can lead to rapid cycling. The ACX-10 limits system cycles to four engagements per minute, eliminating heat build-up.

■ Voltage protection

Over-voltage causes excessive current and heat in the clutch coil, which shortens its life. Worse yet, under-voltage can cause the clutch to slip and burn out. The ACX-10 detects poor voltage conditions and disengages the A/C clutch until the voltage returns to the normal, safe operating range.

■ Bonus! Starter motor protection

If the A/C is on during the vehicle's ignition cycle, the starter motor has to crank the compressor as well as the engine. The ACX-10 unburdens the starter motor and extends its life by delaying the A/C clutch engagement until 15 seconds after ignition.



INDEX P/N

Description

Notes

8041188

ACX-10

Weatherpack connector

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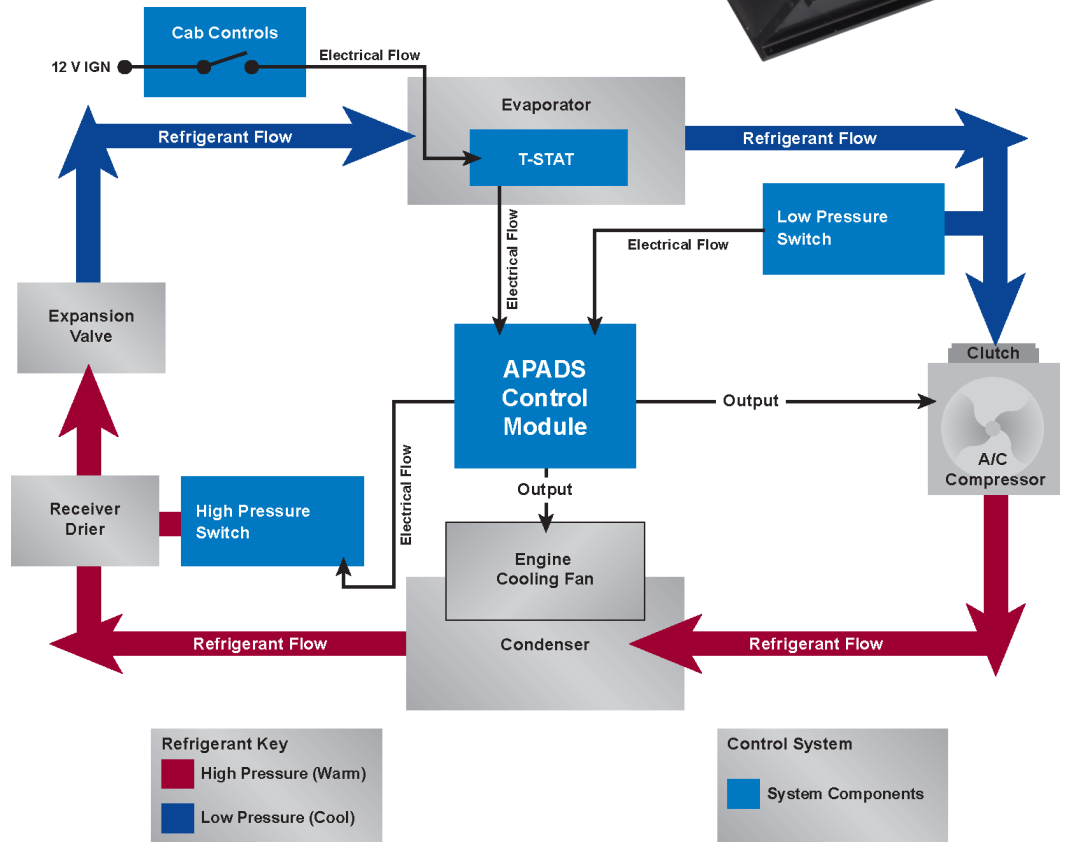
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APAds[®] Air Conditioning Protection and Diagnostics System

Available as an OEM option, the APAds system offers full air conditioning control, protection, and diagnostics. Its microprocessor-based intelligence offers all the protection of the ACX-10, plus year-round compressor lubrication and cooling fan coordination to prevent fan cycling at idle. APAds also aids in preventive maintenance and troubleshooting with its easy-to-read diagnostic fault codes. Specifying the APAds system on your new vehicle will save you hundreds or even thousands of dollars in A/C maintenance, repair, and downtime over your years of ownership.

APAds offers multi-function control

- Prevents clutch damage from rapid cycling.
- Prevents clutch slippage from low voltage or over voltage.
- Improves A/C efficiency at idle.
- Eases troubleshooting with easy-to-interpret codes.
- Enhances preventive maintenance.
- Reduces expensive unscheduled repairs.
- Detects A/C problems even when A/C is turned off.



APAds is a registered trademark of Index Sensors & Controls, Inc. Patent number 5,761,918

OEM	New Truck Spec Option Code #	Notes	Module P/N (Service Parts)	Low Pressure Switch P/N (Service Parts)	High Pressure Switch P/N (Service Parts)
Mack	1739008		8042121	8040189	8040135
International	016-WJC016-WJH	For On/Off Fan Drives	8042103	8040189	8040135
		For Viscous Fan Drives	8042124	8040189	8040172
Kenworth	81040125		8042103	8040189	8040135
Peterbilt		Call Index for information			
Freightliner	702-009		8042103	8040189	8040135
Volvo	—		8042152	8040189	8040135

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