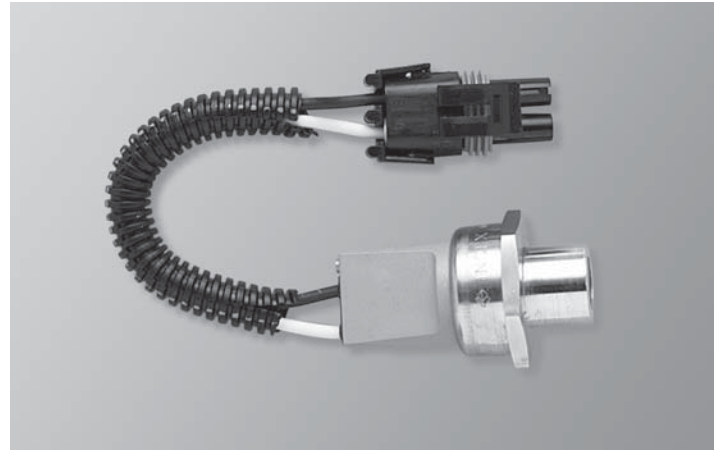


# Air Conditioning Pressure Switches



- ◆ Reliable high- and low-pressure protection and fan trigger control.
- ◆ Specially designed for long life on heavy-duty vehicles.
- ◆ Proven on millions of heavy trucks and off-road vehicles.

## R134a Refrigerant Systems

### High Pressure Cutout Switches

M10 Female Schrader Fitting

Set	Reset	Mode	Connector	Notes	Index Part No.	Description	Equivalent to or Supercedes
325	275	NC	Metripk Tower	General Purpose 30" wires	8040277	Psw 325R psi NC - H1 C2 A/C high	Volvo 3948747 Index 8040240
325	275	NC	Metripk Tower	General Purpose 6" wires	8040239	Psw 325R psi NC - H1 C2 A/C high	Volvo 348744 Mack 1MR3562 Index 8040228 Index 8040229
325	275	NC	Wthrpck Tower	General Purpose	8040312	Psw 325R psi NC - H1 C6 A/C high	
325	275	NC	Wthrpck Tower	For use with APAdS system	8040172	Psw 350R psi NC D H1 C6 A/C high APAdS	
335	245	NC	Metripk Tower	For use with APAdS system	8040317	Psw 335R psi NC D H1 C2 A/C high APAdS	Mack 1MR3594M Index 8040308
300	260	NC	Metripk Tower	for use with APAdS system	8040135	Psw 300R psi NC D H1 C2 A/C high APAdS	Volvo 3939317 Index 8040147 Index 8040177 Index 8040279

### Fan Trigger Switches

M10 Female Schrader Fitting

Set	Reset	Mode	Connector	Notes	Index Part No.	Description	Equivalent to or Supercedes
300	260	NC	Wthrpck Tower	General Purpose	8040164	Psw 300R psi NC - H1 C6 A/C fan	
300	260	NO	Wthrpck Tower	General Purpose	8040313	Psw 300R psi NO - H1 C6 A/C fan	
275	235	NC	Deutsch Receptacle	For use with Index Fan temp timer	8040235	Psw 275R psi NC - H1 C9 A/C fan	Volvo 3948748 Volvo 3949500 Index 8040241 Index 8040242 Index 8040283
275	235	NC	Wthrpck Tower	General Purpose	8040314	Psw 275R psi NC - H1 C6 A/C fan	
275	235	NO	Wthrpck Tower	General Purpose	8040315	Psw 275R psi NO - H1 C6 A/C fan	

### Low Pressure Cutout Switches

M12 Female Schrader Fitting - Except at Noted

Set	Reset	Mode	Connector	Notes	Index Part No.	Description	Equivalent to or Supercedes
34	10	NO	Metripk Shroud	General Purpose	8040281	Psw 034R psi NO - H2 C3 A/C low	Volvo 8025565 Mack 1MR3561 Index 8040202 Index 8040207
34	10	NC	Wthrpck Tower	General Purpose & with ACX-10	8040321	Psw 034R psi NO - H2 C6 A/C low	
47	25	NO	Wthrpck Shroud	For use with CCOT systems	8040318	Psw 047R psi NO - H2 C7 A/C low CCOT	
40	32	NO	Metripk Tower	Note M10 F Schrader Fitting	8040282	Psw 040R psi NO - H1 C2 A/C low	Volvo 3948749 Index 8040217
34	8	NC	Metripack Shroud	For use with APAdS system	8040189	Psw 034R psi NC D H2 C3 A/C low APAdS	Volvo 3966805 Index 8040161 Index 8040136 Index 8040178 Index 8040170
47	25	NC	Wthrpck Shroud	For APAdS on CCOT systems	8040194	Psw 047R psi NC D H2 C7 A/C low APAdS	

All pressures in PSI. See definitions and connector key on back page.

# R12 Refrigerant Systems

## High Pressure Cutout Switches

1/4" Female Flare Fitting

Set	Reset	Mode	Connector	Notes	Index Part No.	Description	Equivalent to or Supersedes
310	220	NC	Wthrpck Shroud	General Purpose	8040225	Psw 310R psi NC - H0 C7 A/C high R12	
335	245	NC	Metripck Tower	General Purpose	8040316	Psw 335R psi NC - H0 C2 A/C high R12	Mack 1MR2463 Mack 1MR2451 Index 8040227 Index 8040226
350	300	NC	Wthrpck Tower	For use with APAdS system	8040171	Psw 350R psi NC D H0 C6 A/C high APAdS	

## Fan Trigger Switches

1/4" Female Flare Fitting

Set	Reset	Mode	Connector	Notes	Index Part No.	Description	Equivalent to or Supersedes
300	260	NC	Wthrpck Tower	General Purpose	8040307	Psw 300R psi NC - H0 C6 A/C fan R12	
275	235	NC	Wthrpck Shroud	General Purpose	8040243	Psw 275R psi NC - H0 C7 A/C fan R12	Mack 1MR2456 Index 8040236 Index 8040230
275	235	NC	Wthrpck Tower	General Purpose	8040231	Psw 275R psi NC - H0 C6 A/C fan R12	Navistar 1622648C91 Index 8040232
275	235	NC	Deutsch Receptacle	Use with Index Fan Temp Timer	8040082	Psw 275R psi NC - H0 C9 A/C fan R12	Index 8040134

## Low Pressure Cutout Switches

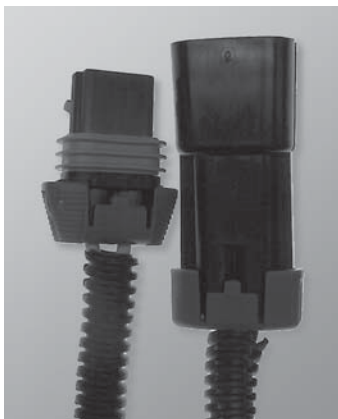
1/4" Female Flare Fitting

Set	Reset	Mode	Connector	Notes	Index Part No.	Description	Equivalent to or Supersedes
34	10	NO	Wthrpck Shroud	General Purpose	8040204	Psw 034R psi NO - H0 C7 A/C low R12	Index 8040201
34	10	NO	Metripck Shroud	General Purpose	8040319	Psw 039R psi NO - H0 C3 A/C low R12	Mack 1MR2450 Index 8040206
15	4	NO	Wthrpck Shroud	General Purpose	8040188	Psw 015R psi NO - H0 C7 A/C low R12	

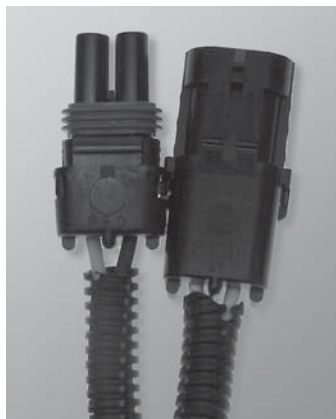
## Definitions

- ◆ **High Pressure Cutout Switch:** Prevents system damage due to excessive pressure by disabling A/C compressor when pressure exceeds set point. Allows compressor to resume when pressure drops below reset point. Mounted on or near receiver dryer.
- ◆ **Fan Trigger Switch:** Turns on engine cooling fan to lower system pressure when set point pressure is reached, either directly or by signaling Engine Control Module. Mounted on high pressure side of compressor.
- ◆ **Low Pressure Cutout Switch:** Prevents system damage due to low pressure or low refrigerant charge by disabling A/C compressor when pressure drops below reset point. Allows compressor to resume when pressure rises above set point. Mounted on low pressure side of compressor.
- ◆ **Set Point:** Rising pressure at which switch actuates. In PSI (pounds per square inch).
- ◆ **Reset Point:** Falling pressure at which switch returns to normal state. In PSI (pounds per square inch).
- ◆ **Mode:** **NO:** Normally Open. Switch contacts are open (not conducting) at ambient pressure.  
**NC:** Normally Closed. Switch contacts are closed (conducting) at ambient pressure.

## Connector Key



Weatherpack™ Tower (L) & Shroud (R)



Metripack™ Tower (L) & Shroud (R)



Deutsch Plug (L) & Receptacle (R)

Weatherpack and Metripack are tradenames of Delphi Corporation.

Deutsch connectors are made by Deutsch Corporation.

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