

DEALER SERVICE BULLETIN

Number: DSB 05-0012

Date: 2/17/05

Supersedes: New

Title: New Reversing Valves and Solenoid Coils

MODEL CATEGORY:

Residential Split System Heat Pumps.

MODELS AFFECTED:

See attached list

Serial Number(s): 4004E and newer

SITUATION:

New reversing valves have been implemented into residential split system heat pumps. The new valves use the same electrical plugs, are dimensionally the same as the previous valves, and are backward compatible. However, **the new solenoid coil bodies are different and are NOT backward compatible or interchangeable.**

As shown in Table 1 below, there are 5 new reversing valves using 2 new solenoid coils. Figures 1, 2 and 3 show the differences between the old and new solenoid coils.

No series change took place when these new valves went into production. When replacing the solenoid coil only, the unit serial number will determine whether the new or old solenoid is required for replacement. As of date code 4004E, only the new reversing valves with new solenoids were used in the models listed on the attached pages.

Table 1

Before 4004E			After 4004E	
Old Reversing Valve	Old Solenoid		New Reversing Valve	New Solenoid
EF17BG213	EF19ZG235	Replaced by	EF17BZ113	EF19ZZ133
EF17BG252	EF19ZG235	Replaced by	EF17BZ252	EF19ZG239
EF17BG277	EF19ZG235	Replaced by	EF17BZ277	EF19ZG239
EF17BG273	EF19ZG235	Replaced by	EF17BZ273	EF19ZG239
EF17BG211	EF19ZG235	Replaced by	EF17BZ112	EF19ZG239

Warning: Do not perform any of the servicing instructions provided in this Service Bulletin unless you are a trained and qualified technician. Observe all precautions in the instructions, equipment tags, labels, and observe all other safety precautions that may apply. Failure to follow this warning could result in property damage, personal injury or death.



Figure 1
Old solenoid coil
EF19ZG235



Figure 2
New solenoid coil
EF19ZG239

Note: This new solenoid has a bracket attached and is shorter than the old solenoid.



Figure 3
New solenoid coil
EF19ZZ133

Note: This new solenoid is black, and has a bracket attached.

Note: These solenoid coils are not interchangeable.

New Reversing Valve after 4004E	New Solenoid after 4004E	Carrier	Bryant	Payne
EF17BZ252	EF19ZG239	38AYC030---341--	633GJX036000AAAA	PH10JA036000ADAA
		38AYC036---341--	633GPX036000AAAA	PH10JA036000AGAA
		38AYC042---341--	637GJX036000AAAA	PH10JA03600GADAA
		38BYC030---351--	650ANX030000AEAA	PH10JA03600GAGAA
		38BYC036---351--	650ANX036000AEAA	PH10JA042000ABAA
		38BYC042---341--	650ANX036000AFAA	PH10JA042000ACAA
		38BYG030---301--	652AJX030000ACAA	PH10JA042000AGAA
		38BYG036---301--	652AJX036000ACAA	PH10JA042000AHAA
		38BYG042---301--	656PNX030000AAAA	PH10JA04200GABAA
		38EYG036---301--	656PNX036000AAAA	PH10JA04200GACAA
		38EYG036---501--	661CEX042000AHAA	PH10JA04200GAGAA
		38EYX036---903--	661CEX042000AKAA	PH10JA04200GAHAA
		38SYG036---301--	661CEX048000AGAA	PH10JA048000ABAA
		38YCC042---341--	661CEX048000AHAA	PH10JA048000AGAA
		38YCC042---361--	661CJX042000AEAA	PH10JA04800GABAA
		38YCC042---571--	661CJX042000AGAA	PH10JA04800GAGAA
		38YCC042---591--	661CJX048000ACAA	PH10PA048000ACAA
		38YCC042---671--	661CJX048000AEAA	PH10PA048000AGAA
		38YCC042---691--	661CPX042000AHAA	PH10PA04800GACAA
		38YCC048---321--	661CPX042000AKAA	PH10PA04800GAGAA
		38YCC048---341--	661CPX048000AGAA	PH12NA030000ACAA
		38YCC048---561--	661CPX048000AHAA	PH12NA030000AGAA
		38YCC048---571--	661GJX042000AEAA	PH12NA03000GACAA
		38YCC048---661--	661GJX042000AGAA	PH12NA03000GAGAA
		38YCC048---671--	661GJX048000ACAA	PH12NA036000ACAA
		38YCC048---973--	661GJX048000AEAA	PH12NA036000AGAA
		38YCG042---341--	661SJX036000ABAA	PH12NA03600GACAA
		38YCG042---361--	661SJX042000ACAA	PH12NA03600GAGAA
		38YCG048---321--	661WJX042000ADAA	PH12NA042000ACAA
		38YCG048---341--	661WJX042000AEAA	PH12NA042000AGAA
		38YCS036---311--	661WJX048000ABAA	PH12NA04200GACAA
		38YCS042---321--	661WJX048000ACAA	PH12NA04200GAGAA
		38YCW042---341--	661WPX042000AEAA	
		38YCW042---351--	661WPX042000AFAA	
		38YCW042---561--	661WPX048000ADAA	
		38YCW042---571--	661WPX048000AEAA	
		38YCW048---321--	662CJX030000AEAA	
		38YCW048---331--	662CJX036000AEAA	
		38YCW048---541--	662CJX042000AEAA	
		38YCW048---551--	663CJX030000AFAA	
		38YDB036---311--	663CJX036000AFAA	
		38YKC030---321--	663CJX042000AEAA	
		38YKC036---331--	663GJX030000AAAA	
		38YRA030---341--	663GJX036000AAAA	
		38YRA036---331--	663GJX042000AAAA	
		38YSA030---331--	693DNX030000AEAA	
		38YSA036---331--	693DNX036000AEAA	
		38YSA042---331--	697CNX030000AEAA	
		38YSP030---301--	697CNX036000AFAA	
		38YSP036---301--	698BNX036000ABAA	
		38YXA030---331--		
		38YXA036---331--		
		38YXA036---341--		
		38YZA030---321--		
		38YZA036---321--		

New Reversing Valve after 4004E	New Solenoid after 4004E	Carrier	Bryant	Payne
EF17BZ277	EF19ZG239	38AYC048---341--	633GJX042000AAAA	PH10JA060000ABAA
		38AYC060---341--	633GJX048000AAAA	PH10JA060000AGAA
		38BYC048---341--	633GJX060000AAAA	PH10JA060000GABAA
		38BYC060---341--	633GPX048000AAAA	PH10JA060000GAGAA
		38BYG048---301--	633GPX060000AAAA	PH10PA060000ACAA
		38BYG060---301--	637GJX042000AAAA	PH10PA060000AGAA
		38EYG042---301--	637GJX048000AAAA	PH10PA060000GACAA
		38EYG048---301--	637GJX060000AAAA	PH10PA060000GAGAA
		38EYG048---501--	650ANX042000AEAA	PH12NA048000ADAA
		38EYG060---301--	650ANX042000FAAA	PH12NA048000AGAA
		38EYG060---501--	650ANX048000AEAA	PH12NA048000GADAA
		38EYX048---903--	650ANX048000FAAA	PH12NA048000GAGAA
		38EYX060---903--	650ANX060000AEAA	PH12NA060000ACAA
		38SYG042---301--	652AJX042000ACAA	PH12NA060000AGAA
		38SYG048---301--	652AJX048000ACAA	PH12NA060000GACAA
		38SYG060---301--	652AJX060000ACAA	PH12NA060000GAGAA
		38YCC060---321--	656PNX042000AAAA	
		38YCC060---341--	656PNX048000AAAA	
		38YCC060---561--	661CEX060000AGAA	
		38YCC060---571--	661CEX060000AHAA	
		38YCC060---661--	661CJX060000ACAA	
		38YCC060---671--	661CJX060000AEAA	
		38YCC060---973--	661CPX060000AGAA	
		38YCG060---321--	661CPX060000AHAA	
		38YCG060---341--	661GJX060000ACAA	
		38YCS048---311--	661GJX060000AEAA	
		38YCS060---311--	661SJX048000ABAA	
		38YCW060---321--	661SJX060000ABAA	
		38YCW060---541--	661WJX060000ABAA	
		38YDB037---311--	661WPX060000ADAA	
		38YDB048---311--	662CJX048000AEAA	
		38YDB060---321--	662CJX060000AEAA	
		38YKC042---331--	663CJX048000AEAA	
		38YKC048---341--	663CJX060000AEAA	
		38YKC060---331--	663GJX048000AAAA	
		38YRA042---331--	663GJX060000AAAA	
		38YRA048---341--	693DNX042000AEAA	
		38YSA048---321--	693DNX048000FAAA	
		38YSP042---301--	693DNX060000AEAA	
		38YSP048---301--	697CNX042000FAAA	
		38YXA042---331--	697CNX048000FAAA	
		38YXA042---341--	698BNX048000ABAA	
		38YXA048---331--	698BNX060000ACAA	
		38YXA048---341--		
		38YXA060---331--		
		38YZA042---321--		
		38YZA048---321--		
		38YZA060---321--		

New Reversing Valve after 4004E	New Solenoid after 4004E	Carrier	Bryant	Payne
EF17BZ113	EF19ZZ133	38AYC018---341--	633GJX018000AAAA	PH10JA030000ADAA
		38AYC024---341--	633GJX024000AAAA	PH10JA030000AEAA
		38BYC018---341--	633GJX030000AAAA	PH10JA030000AGAA
		38BYC024---361--	637GJX018000AAAA	PH10JA030000AHAA
		38BYG018---301--	637GJX024000AAAA	PH10JA030000GADAA
		38BYG024---301--	637GJX030000AAAA	PH10JA030000GAEEA
		38EYG018---301--	650ANX018000AFAA	PH10JA030000GAGAA
		38EYG024---301--	650ANX024000AEAA	PH10JA030000GAHAA
		38EYG030---301--	650ANX024000AFAA	PH10JA036000AEAA
		38EYX024---703--	652AJX018000ACAA	PH10JA036000AFAA
		38SYG018---301--	652AJX024000ACAA	PH10JA036000AHAA
		38SYG024---301--	656PNX024000AAAA	PH10JA036000AJAA
		38SYG030---301--	661CEX036000AFAA	PH10JA036000GAEEA
		38YCC036---331--	661CEX036000AGAA	PH10JA036000GAFAA
		38YCC036---341--	661CJX036000ADAA	PH10JA036000GAHAA
		38YCC036---551--	661CJX036000AEAA	PH10JA036000GAJAA
		38YCC036---561--	661CPX036000AFAA	PH12NA018000ADAA
		38YCC036---651--	661CPX036000AGAA	PH12NA018000AGAA
		38YCC036---661--	661GJX036000ADAA	PH12NA018000GADAA
		38YCC036---763--	661GJX036000AEAA	PH12NA018000GAGAA
		38YCC036---963--	661WJX036000ADAA	PH12NA024000ADAA
		38YCG036---331--	661WJX036000AEAA	PH12NA024000AGAA
		38YCG036---341--	661WPX036000AEAA	PH12NA024000GADAA
		38YCW036---341--	661WPX036000AFAA	PH12NA024000GAGAA
		38YCW036---351--	662CJX018000AEAA	
		38YCW036---551--	662CJX024000AEAA	
		38YCW036---561--	663CJX018000AEAA	
		38YDB024---311--	663CJX024000AGAA	
		38YKC018---331--	663GJX018000AAAA	
		38YKC024---321--	663GJX024000AAAA	
		38YRA018---341--	693DNX018000AEAA	
		38YRA024---341--	693DNX024000AEAA	
		38YSA024---331--	697CNX018000AEAA	
		38YSP024---301--	697CNX024000AEAA	
		38YXA018---341--	698BNX024000ABAA	
		38YXA024---331--		
		38YXA024---341--		
		38YZA018---321--		
		38YZA024---321--		

New Reversing Valve after 4004E	New Solenoid after 4004E	Carrier	Bryant
EF17BZ273	EF19ZG239	38YRA060---321-- 38YSP060---301--	656PNX060000AAAA 697CNX060000AFAA

New Reversing Valve after 4004E	New Solenoid after 4004E	Carrier	Bryant
EF17BZ112	EF19ZG239	38YCC018---341-- 38YCC018---351-- 38YCC024---341-- 38YCC024---351-- 38YCC024---763-- 38YCC030---341-- 38YCC030---351-- 38YCC030---521-- 38YCG018---321-- 38YCG024---321-- 38YCG030---331-- 38YCS018---321-- 38YCS024---321-- 38YCS030---321-- 38YCW018---341-- 38YCW024---341-- 38YCW030---331-- 38YCW030---531--	661CJX018000AEAA 661CJX018000AFAA 661CJX024000AEAA 661CJX024000AFAA 661CJX030000AEAA 661CJX030000AFAA 661CPX030000ACAA 661GJX018000ACAA 661GJX024000ACAA 661GJX030000ADAA 661SJX018000ACAA 661SJX024000ACAA 661SJX030000ACAA 661WJX018000AEAA 661WJX024000AEAA 661WJX030000ACAA 661WPX030000ACAA