

PREVOST

Pneumatic diagram

PNEUMATIC DIAGRAMS X3-45 COACHES WITH INDEPENDENT SUSP.

NO:	D140330 P0	REVISION :	Q
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EFF. OC#	2004015	PRIOR TO OC#	2007131 & 2009088
EFF. VEH#	#7-8933	PRIOR TO VEH#	#A-9953

DR.	Y. Laine	date	2010-06-22
CHK	Marc-Jose Handfield	appr	Marc-José Handfield

REV.	DATE	DESCRIPTION	PAGE	BY	CHK.	APPR.	
A	2005-06-01	#6-8754 X3-45 PROTOTYPE VEHICLE					
	2005-09-01	#6-8821 X3-45 PRELIMINARY VEHICLE #1					
	2005-10-18	#6-8863 X3-45 PRELIMINARY VEHICLE #2					
	2005-11-24	#7-8883 X3-45 PRELIMINARY VEHICLE #3					
	2006-03-07	X3-45 PRODUCTION VEHICLE (HAMPTON JITNEY) #7-8933...					
B	2006-07-14	#D140330SP3 (SPECIAL ORLEANS) Revision : B	SP3	Rob.	M.J.H.	M.J.H.	
	2006-07-14	#D140330SP1 (SPECIAL WABCO AIR DRYER) Revision : B	SP1	Rob.	M.J.H.	M.J.H.	
	2006-07-14	#D140330SP1 (SPECIAL WABCO AIR DRYER) Revision : C	SP1	Rob.	M.J.H.	M.J.H.	
	2006-08-22	#D140330 P1.0 REVISION : B	P1.0	Rob.	M.J.H.	M.J.H.	
	2006-08-22	#D140330 P1.1 REVISION : B	P1.1	Rob.	M.J.H.	M.J.H.	
	2006-08-22	#D140330 P1.2 REVISION : B	P1.2	Rob.	M.J.H.	M.J.H.	
	2006-08-22	#D140330 P1.3 REVISION : B	P1.3	Rob.	M.J.H.	M.J.H.	
	2006-08-22	#D140330 P1.4 REVISION : B	P1.4	Rob.	M.J.H.	M.J.H.	
	C	2007-04-13	#D140330 P1.0 REVISION: C (E-Rides valves Replaced)	P1.0	Rob.	M.J.H.	M.J.H.
			#D140330 P1.1 REVISION: C (E-Rides valves Replaced)	P1.1	Rob.	M.J.H.	M.J.H.
		#D140330 P1.2 REVISION: C (E-Rides valves Replaced)	P1.2	Rob.	M.J.H.	M.J.H.	
		#D140330 P1.3 REVISION: C (E-Rides valves Replaced)	P1.3	Rob.	M.J.H.	M.J.H.	
		#D140330 P1.4 REVISION: C (E-Rides valves Replaced)	P1.4	Rob.	M.J.H.	M.J.H.	
		#D140330 P2.0 REVISION: B (E-Rides valves Replaced)	P2.0	Rob.	M.J.H.	M.J.H.	
		#D140330 P3.0 REVISION: B (E-Rides valves Replaced)	P3.0	Rob.	M.J.H.	M.J.H.	
		#D140330 P4.0 REVISION: B (E-Rides valves Replaced) PRODUCTION VEHICLE #8-9226... O.C.#2007020	P4.0	Rob.	M.J.H.	M.J.H.	

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REV.	DATE	DESCRIPTION	PAGE	BY	CHK.	APPR.
D	2007-05	#D140330 P1.0 REVISION: D (ABS 6)	P1.0	Rob.	M.J.H.	M.J.H.
		#D140330 P1.1 REVISION: D (ABS 6)	P1.1	Rob.	M.J.H.	M.J.H.
		#D140330 P1.2 REVISION: D (ABS 6)	P1.2	Rob.	M.J.H.	M.J.H.
		#D140330 P1.3 REVISION: D (ABS 6)	P1.3	Rob.	M.J.H.	M.J.H.
		#D140330 P1.4 REVISION: D (ABS 6)	P1.4	Rob.	M.J.H.	M.J.H.
		#D140330 P2.0 REVISION: C (ABS 6 & ESP)	P2.0 & 2.1	Rob.	M.J.H.	M.J.H.
		#D140330 P3.0 REVISION: C (ABS 6 & ESP)	P3.0 & 3.1	Rob.	M.J.H.	M.J.H.
		#D140330 P4.0 REVISION: C (ABS 6 & ESP)	P4.0 & 4.1	Rob.	M.J.H.	M.J.H.
		#D140330 P7.0 REVISION: B (ESP)	P7.0 & 7.1	Rob.	M.J.H.	M.J.H.
		#D140330 P8.0 REVISION: B (ABS 6)	P8.0 & 8.1	Rob.	M.J.H.	M.J.H.
		#D140330 P9.0 REVISION: A (ESP)	P9.0 & 9.1	Rob.	M.J.H.	M.J.H.
		#D140330 P10.0 REVISION: A (ESP)	P10.0&10.1	Rob.	M.J.H.	M.J.H.
		#D140330 SP1.0 REVISION: C (Update)	SP1.0&1.1	Rob.	M.J.H.	M.J.H.
		#D140330 SP2.0 REVISION: B (ESP)	SP2.0&2.1	Rob.	M.J.H.	M.J.H.
	2007-05-25	#8-9259 X3-45 PRELIMINARY VEHICLE ESP				
	2007-06-25	PRODUCTION VEHICLE ESP (X3-45 ORLEANS) #8-9288...				
E	2007-12-05	#D140330 P1.0 REVISION: E	P1.0	Rob.	M.J.H.	M.J.H.
		#D140330 P1.1 REVISION: E	P1.1	Rob.	M.J.H.	M.J.H.
		#D140330 P1.2 REVISION: E	P1.2	Rob.	M.J.H.	M.J.H.
		#D140330 P1.3 REVISION: E	P1.3	Rob.	M.J.H.	M.J.H.
		#D140330 P1.4 REVISION: E	P1.4	Rob.	M.J.H.	M.J.H.
		VEHICLES #8-9405 , #8-9431 , PRODUCTION #8-9426...				
F	2008-02-26	ENGINE VOLVO MD13		Rob.	M.J.H.	M.J.H.
		Preliminary vehicles : No. 1 #8-9259 , No.2 #8-9295 , No.3 #8-9364		Rob.	M.J.H.	M.J.H.
		PRODUCTION VEHICLE X3-45 : #8-9451... New page #D140330P11 New page #D140330SP4	P11&11.1 SP4&4.1	Rob. Rob.	M.J.H. M.J.H.	M.J.H. M.J.H.
G	2008-03-26	X3-45 COACH IFS WITH SPECIAL FAST FRONT KNEELING NEW PAGE #D140330SP5	SP5&SP5.1	Rob.	M.J.H.	M.J.H.
H	2008-04-04	NEW AIR HORN , SEE #D140330 P.1 REVISION : F EFFECTIF PRODUCTION VEHICLE :#8-9422...	P1.0 TO 1.4	Rob.	M.J.H.	M.J.H.
I	2008-04-14	#D140330 P7.0 REVISION: C (Update)	P7.0 & 7.1	Rob.	M.J.H.	M.J.H.
		#D140330 P9.0 REVISION: B (Update)	P9.0 & 9.1	Rob.	M.J.H.	M.J.H.
		#D140330 P10.0 REVISION: B (Update)	P10.0&10.1	Rob.	M.J.H.	M.J.H.
		#D140330 SP2.0 REVISION: C (Update)	SP2.0&2.1	Rob.	M.J.H.	M.J.H.

PREVOST**Pneumatic diagram*****PNEUMATIC DIAGRAMS X3-45 COACHES WITH INDEPENDENT SUSP.***

REV.	DATE	DESCRIPTION	PAGE	BY	CHK.	APPR.
J	2008-04-17	NEW AIR TANK REAR SUB-FRAME SUSPENSION AND R-14 VALVE #D140330P2, P3, P4, update, Rev D	P2 & 2.1 P3 & 3.1 P4 & 4.1	Y.L. Y.L. Y.L.	M.J.H. M.J.H. M.J.H.	M.J.H. M.J.H. M.J.H.
K	2008-01-11	NEW AIR TANKS ASSY FOR DIFFERENTIAL AIR BELLOWS SUSPENSION. #D140330 P.1 , P.2 , P.3 , P.4	P1 TO P4 P1.1 TO P4.1	Rob.	M.J.H.	M.J.H.
L	2008-06-27	D13 VOLVO ENGINE , ADD AIR CLEANER INJECTOR #D140330 P12 & P13 NEW PAGES. RETROFIT PRIOR TO #8-9451 EFFECTIVE VEHICLE #9-9614...	P12.1 P13.1	Y.L.	M.J.H.	M.J.H.
M	2008-07-08 2008-07-15	UPDATE P7 & SP2 AIR BRAKE TRAILER HITCH COST SAVING , O.C.#2008069 , Effective Vehicle #9-9599 ... #D140330 P1.0 REVISION: H #D140330 P2.0 REVISION: E #D140330 P3.0 REVISION: E #D140330 P4.0 REVISION: E	P7 & SP2 P1.0 & 1.1 P2.0 & 2.1 P3.0&3.1 P4.0&4.1	Y.L. Rob. Rob. Rob.	M.J.H. M.J.H. M.J.H. M.J.H.	M.J.H. M.J.H. M.J.H. M.J.H.
N	2008-12-04	#D140330 SP7 ADD NEW PAGE FOR GREYHOUND BOLT BUS	P7.0&7.1	Rob.	M.J.H.	M.J.H.
O	2009-01-14	#D140330 P7.0 REV.E & SP2.0 REV. E SEE O.C.#2008107	P7.0 & SP2.0	Rob.	M.J.H.	M.J.H.
P	2010-04-28	NEW TAG AXLE, O.C. #2007131 (Preliminary vehicles: #A-9872, #A-9907, #A-9926) EFFECTIVE VEHICLE #A-9953	 P1.0 & 1.1 P2.0 & 2.1 P3.0 & 3.1 P4.0 & 4.1 P7.0 & 7.1 P8 & P8.1 P9.0 & P9.1 P10.0&P10.1 P11.0&P11.1 P12.0&P12.1 P13.0&P13.1 P14.0&P14.1	 Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L. Y.L.	 M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H.	 M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H. M.J.H.
			NEW PAGE	Y.L.	M.J.H.	M.J.H.
			SP1.0&SP1.1 SP2.0&SP2.1 SP4.0&SP4.1	Y.L. Y.L. Y.L.	M.J.H. M.J.H. M.J.H.	M.J.H. M.J.H. M.J.H.
			NEW PAGE	Y.L.	M.J.H.	M.J.H.
			SP6.0&SP6.1 SP7.0&SP7.1 P10 & 10.1	Y.L. Y.L. Y.L.	M.J.H. M.J.H. M.J.H.	M.J.H. M.J.H. M.J.H.
Q	2010-04-28	UPDATE				

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PRODUCTION NUMBER	REV	EFF. VEH.	ECN	S.A.V. NUMBER	REV	DESCRIPTION
D140330P1.0	A	#7-8933	2004015	D140330P1.1	I	FULL PNEUMATIC SYSTEM ABS 6
	B	#7-9035	----	D140330P1.2	I	ACCESSORIES
	C	#8-9226	2007020	D140330P1.3	I	BRAKES SYSTEM
	D	#8-9282	2006038 2005002	D140330P1.4	I	SUSPENSION
	E	#8-9426	----			
	F	#8-9426	2006025			
	G	#9-9504	2007108			
	H	#9-9599	2008069			
	I	#A-9953	2007131			
D140330P2.0	A	#7-8933	2004015	D140330P2.1	A	KNEELING & LOW-BUOY OPTION
	B	#8-9226	2007020		B	
	C	#8-9288	2006038&2005002		C	
	D	#9-9504	2007108		D	
	E	#9-9599	2008069		E	
	F	#A-9953	2007131		F	
D140330P3.0	A	#7-8933	2004015	D140330P3.1	A	KNEELING & HIGH-BUOY OPTION
	B	#8-9226	2007020		B	
	C	#8-9288	2006038&2005002		C	
	D	#9-9504	2007108		D	
	E	#9-9599	2008069		E	
	F	#A-9953	2007131		F	
D140330P4.0	A	#7-8933	2004015	D140330P4.1	A	KNEELING, LOW-BUOY & HIGH-BUOY OPTION
	B	#8-9226	2007020		B	
	C	#8-9288	2006038&2005002		C	
	D	#9-9504	2007108		D	
	E	#9-9599	2008069		E	
	F	#A-9953	2007131		F	
D140330P5.0	A	#7-8933	2004015	D140330P5.1	A	KNEELING OPTION
D140330P6.0	A	#7-8933	2004015	D140330P6.1	A	PARKING BRAKE WITH WCL WITHOUT KNEELING OPTION
D140330P7.0	A	#7-8933	2004015	D140330P7.1	A	TRAILER HITCH AIR BRAKE OPTION (Allison transmission) AND

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PRODUCTION NUMBER	REV	EFF. VEH.	ECN	S.A.V. NUMBER	REV	DESCRIPTION
	B	#8-9288	2006038 2005002		B	ABS 6 OR SYSTEM ESP OPTION
	C	---	---		C	
	D	---	---		D	
	E	#9-9674	2008107		E	
	F	#A-9953	2007131		F	
D140330P8.0	A	#7-8933	2004015	D140330P8.1	A	WITH ZF TRANSMISSION OPTION ABS 6(HALDEX AIR DRYER)
	B	#8-9288	2006038 2005002		B	
	C	#A-9953	2007131		C	
D140330P9.0	A	#8-9288	2006038 2005002	D140330P9.1	A	ZF TRANSMISSION OPTION SYSTEM ESP OPTION (HALDEX AIR DRYER)
	B				B	
	C	#A-9953	2007131		C	
D140330P10.0	A	#8-9288	2006038 2005002	D140330P10.1	A	BRAKE SYSTEM ESP (Electronic Stability Program) OPTION
	B				B	
	C	#A-9953	2007131		C	
	D				D	
D140330P11.0	A	#8-9451	2005086	D140330P11.1	A	MD 13 VOLVO ENGINE WITH HALDEX AIR DRYER INTO LUGGAGE COMPARTMENT
	B	#A-9953	2007131		B	
D140330P12.0	A	#8-9451	2008048	D140330P12.1	A	D13 VOLVO ENGINE WITH RETARDER, ALLISON TRANSM.
	B	#A-9953	2009088		B	
D140330P13.0	A	#8-9451	2008048	D140330P13.1	A	D13 VOLVO ENGINE WITHOUT RETARDER, ALLISON TRANSM.
	B	#A-9953	2009088		B	
D140330P14.0	A	#8-9282	2006038	D140330P14.1	A	S60 ENGINE WITH OUTPUT RETARDER, ALLISON TRANSM.
	B	#A-9953	2009088		B	
D140330P15.0	A	#A-9953	2007131	D140330P15.1	A	S60 ENGINE HALDEX AIR DRYER REAR SUB FRAME OPTION
D140330P16.0	A	?	2007131	D140330P16.1	A	D13 VOLVO ENGINE WABCO AIR DRYER INTO LUGGAGE COMPARTMENT

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D140330SP1.0	A B C D	#7-8952 #7-8883 #8-9288 #A-9953	---- 2004015 2006038 2007131	D140330SP1.1	A B C D	“SPECIAL” WITH WABCO AIR DRYER INTO REAR SUB-FRAME AND ENGINE DETROIT S-60
D140330SP2.0	A B C D E F	#7-8933 #8-9288 ---- ---- #9-9674 #A-9953	2004015 2006038 2005002 ---- 2008107 2007131	D140330SP2.1	A B C D E F	“SPECIAL” WITH TRAILER, ZF TRANSMISSION AND BRAKE SYSTEM ESP OPTION
D140330SP3.0	A B	#7-8952 ----	2004015 ----	D140330SP3.1	A B	“SPECIAL” WITH OPTION PARKING BRAKE RELEASE WITH SUPPLEMENTARY SWITCH / WHITOUT KNEELING (ORLEANS)
D140330SP4.0	A B	#9-9451 #A-9953	---- 2007131	D140330SP4.1	A B	“SPECIAL” WITH WABCO AIR DRYER INTO LUGGAGE COMPARTMENT AND ENGINE DETROIT S-60
D140330SP5.0	A	#9-9451 #9-9520	----	D140330SP5.1	A	“SPECIAL” WITH FAST FRONT KNEELING
D140330SP6.0	A	#A-9953	2007131	D140330SP6.0	A	“SPECIAL” WITH WABCO AIR DRYER INTO LUGGAGE COMPARTMENT AND ENGINE VOLVO D13
D140330SP7.0	A B	#9-9643 #A-9953	---- 2007131	D140330SP7.1	A B	“SPECIAL” DETROIT ENGINE WITH HALDEX AIR DRYER ON LUGGAGE COMPARTMENT (GREYHOUND BOLT BUS)