

Pneumatic diagram

PNEUMATIC DIAGRAMS W0-WE BUS SHELL WITH INDEPENDENT SUSP.

NO:	D140342 P0	REVISION :	i
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EFF. OC#	2006012	PRIOR TO OC#	2007131	DR.	Y. Laine	date	2010-04-28
EFF. VEH#	#7-9096	PRIOR TO VEH#	#B-9954	CHK	Marc-Jose Handfield	Appr	Marc-José Handfield

REV.	DATE	DESCRIPTION	PAGE	BY	CHK.	APPR.
A	2006-06-19 2006-10-15	#7-9010 WE PRELIMINARY VEHICLE #7-9096 PRODUCTION VEHICLE NOTE : ABS 6 BASIC WITH AIR BRAKE ON TRAILER HITCH , NOT AVAILABLE.				
B	2006-10-19	#D140342 AIR BRAKE ON TRAILER HITCH OPTION	2	Rob.	M.J.H.	M.J.H.
C	2007-02-27	#8-9187 WE PRELIMINARY VEHICLE, WITH ESP ABS 6 (ELECTRONIC STABILITY PROGRAM)				
	2007-06-01 2007-06-01	D140342 P1.0 Revision :B , ABS 6 BASIC D140342 P2.0 New Version ABS 6 ADVANCED W/TRAILER	1 2	Rob. Rob.	M.J.H. M.J.H.	M.J.H. M.J.H.
	2007-06-01 2007-06-01	D140342 P3.0 Revision :B , LEVEL LOW SYSTEM D140342 P4.0 New Version ABS 6 ADVANCED	3 4	Rob. Rob.	M.J.H. M.J.H.	M.J.H. M.J.H.
D	2008-04-14	D140342 P2.0 Revision : D (Update) D140342 P5.0 Revision : B (Update)	P2 &2.1 P5 & 5.1	Rob. Rob.	M.J.H. M.J.H.	M.J.H. M.J.H.
E	2008-06-27	D13 VOLVO ENGINE, ADD AIR CLEANER INJECTOR D140342 P8 & P9 NEW PAGE, RETROFIT # R479	P8 &P8.1 P9 &P9.1	Y.L. Y.L.	M.J.H. M.J.H.	M.J.H. M.J.H.
F	2008-06-30	D140342 P1 Rev.D NEW AIR TANK ASSY FOR DIFFERENTIAL AIR BELLOWS SUSPENSION	P1 &P1.1	Rob.	M.J.H.	M.J.H.

Pneumatic diagram

PNEUMATIC DIAGRAMS W0-WE BUS SHELL WITH INDEPENDENT SUSP.

REV.	DATE	DESCRIPTION	PAGE	BY	CHK.	APPR.
G	2009-01-16	D140342 P1 Revision : D (Update)	P1 & P1.1	Y.L.	M.J.H.	M.J.H.
		D140342 P2 Revision : E (Update) OC #2008107	P2 & P2.1	Rob.	M.J.H.	M.J.H.
		D140342 P6 VOLVO ENGINE PRELIMINARY #9-9596 , EFF.# 9-9682...	P6 & 6.1	Rob.	M.J.H.	M.J.H.
		D140342 P7 NEW PAGE , DETROIT ENGINE ALLISON W/RETARDER	P7 & 7.1	Rob.	M.J.H.	M.J.H.
H	2010-04-20	VOLVO ENGINE, O.C. #2009088 , RV-3 VALVE SOLENOID ASSY	P7 & P7.1	Y.L.	M.J.H.	M.J.H.
		D140342 P7,P8,P9 Revision : B	P8 & P8.1	Y.L.	M.J.H.	M.J.H.
			P9 & P9.1	Y.L.	M.J.H.	M.J.H.
i	2010-04-28	NEW TAG AXLE, O.C. #2007131 (Preliminary vehicle : #A-9902)	P1 & P1.1	Y.L.	M.J.H.	M.J.H.
			P2 & P2.1	Y.L.	M.J.H.	M.J.H.
			P4 & P4.1	Y.L.	M.J.H.	M.J.H.
			P5 & P5.1	Y.L.	M.J.H.	M.J.H.
			P6 & P6.1	Y.L.	M.J.H.	M.J.H.

Pneumatic diagram

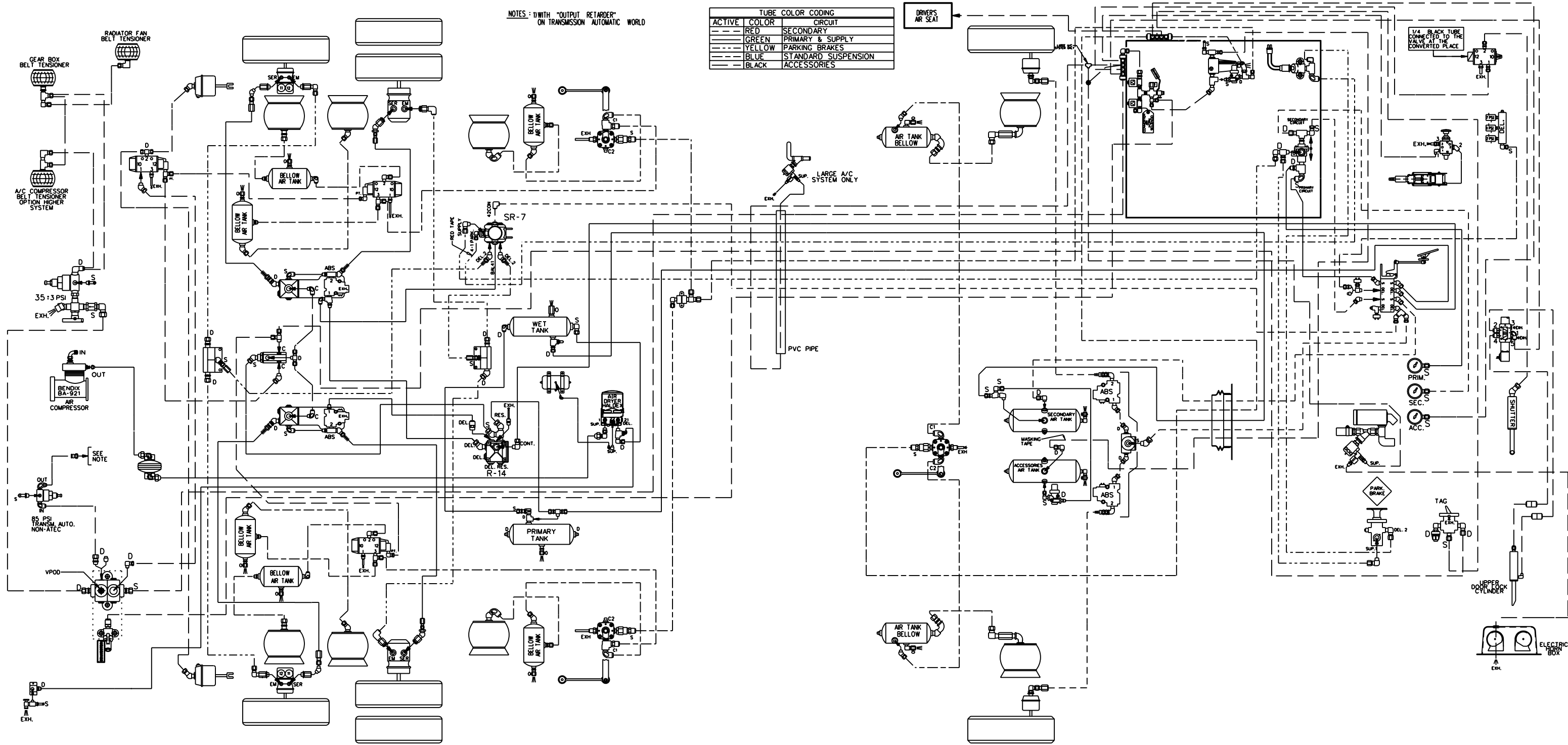
PNEUMATIC DIAGRAMS W0-WE BUS SHELL WITH INDEPENDENT SUSP.

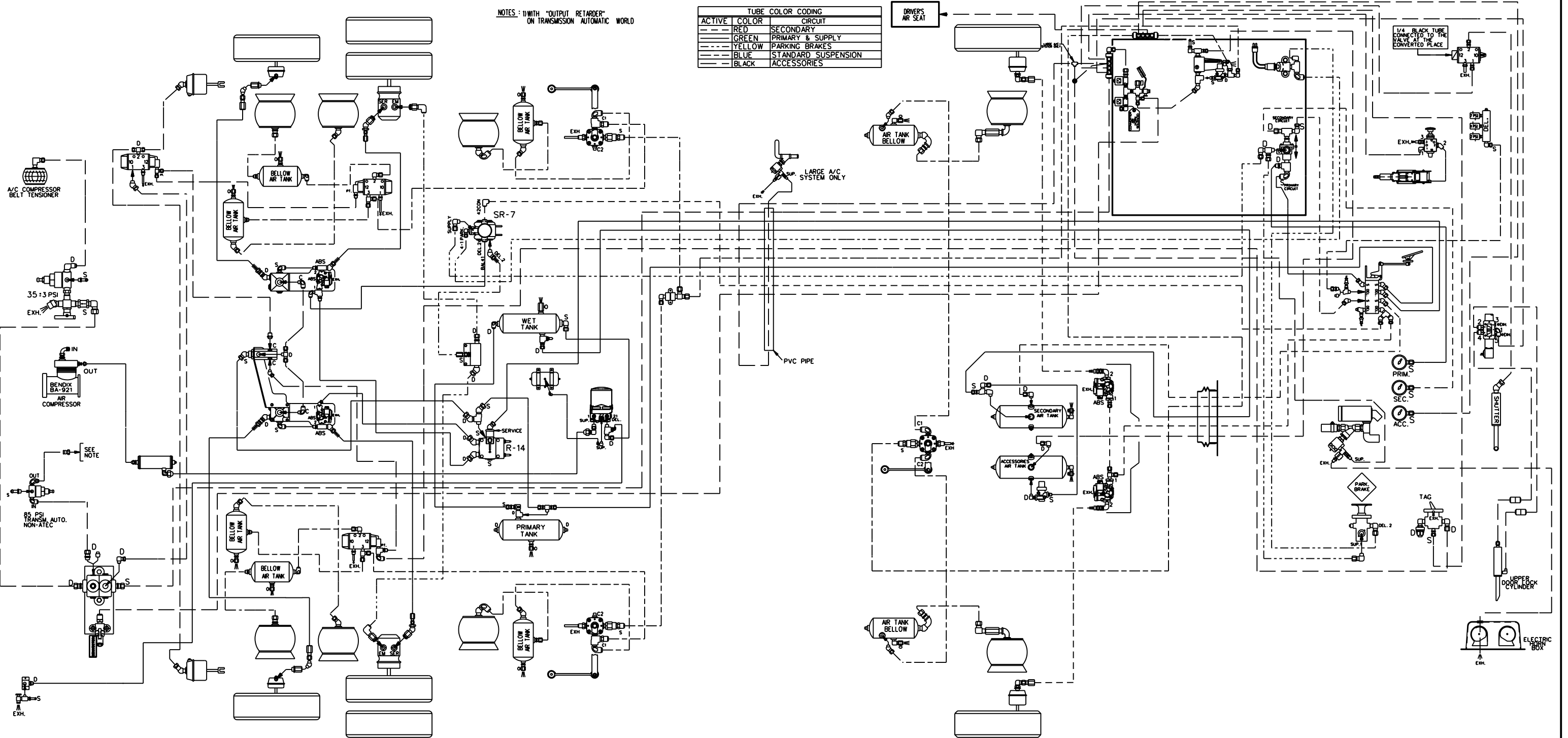
PRODUCTION NUMBER	REV	EFF. VEH.	ECN	S.A.V. NUMBER	REV	DESCRIPTION
D140342P1.0	A	#7-9096	2006012	D140342P1.1	E	FULL PNEUMATIC SYSTEM ABS 6 BASIC SYSTEM
	B	#8-9279	2006038 2005002	D140342P1.2	E	ACCESSORIES
	C	#8-9436	2007108	D140342P1.3	E	BRAKES SYSTEM
	D	#9-9702	UPDATE	D140342P1.4	E	SUSPENSION
	E	#B-9954	2007131			
D140342P2.0	A	#7-9096	2006012	D140342P2.1	A	ESP ABS 6 ADVANCED WITH AIR BRAKE ON TRAILER HITCH
	B				B	
	C	#8-9279	2006038 2005002		C	
	D	-----	UPDATE		D	
	E	#9-9702	2008107		E	
	F	#B-9954	2007131		F	
D140342P3.0	A	#7-9096	2006012	D140342P3.1	A	FRONT SINGLE SLIDE OUT OPTION (WE ENTERTAINER ONLY)
D140342P4.0	A	#7-9096	2006012	D140342P4.1	A	LEVEL LOW SUSPENSION OPTION
	B	#8-9279	2006038 2005002		B	
	C	#8-9436	2007108		C	
	D	#B-9954	2007131		D	
D140342P5.0	A	#8-9279	2006038 2005002	D140342P5.1	A	ESP ABS 6 ADVANCED
	B	-----	UPDATE		B	
	C	#B-9954	2007131		C	
D140342P6.0	A	#9-9682	2008048	D140342P6.1	A	D13 VOLVO ENGINE WITH HALDEX AIR DRYER
	B	#B-9954	2007131		B	
D140342P7.0	A	#8-9279	2005002	D140342P7.1	A	DETROIT ENGINE WITH RETARDER ALLISON TRANSM.
	B	#A-9952	2009088		B	
D140342P8.0	A	#9-9682	2008048	D140342P8.1	A	D13 VOLVO ENGINE WITH RETARDER ALLISON TRANSM.
	B	#A-9952	2009088		B	

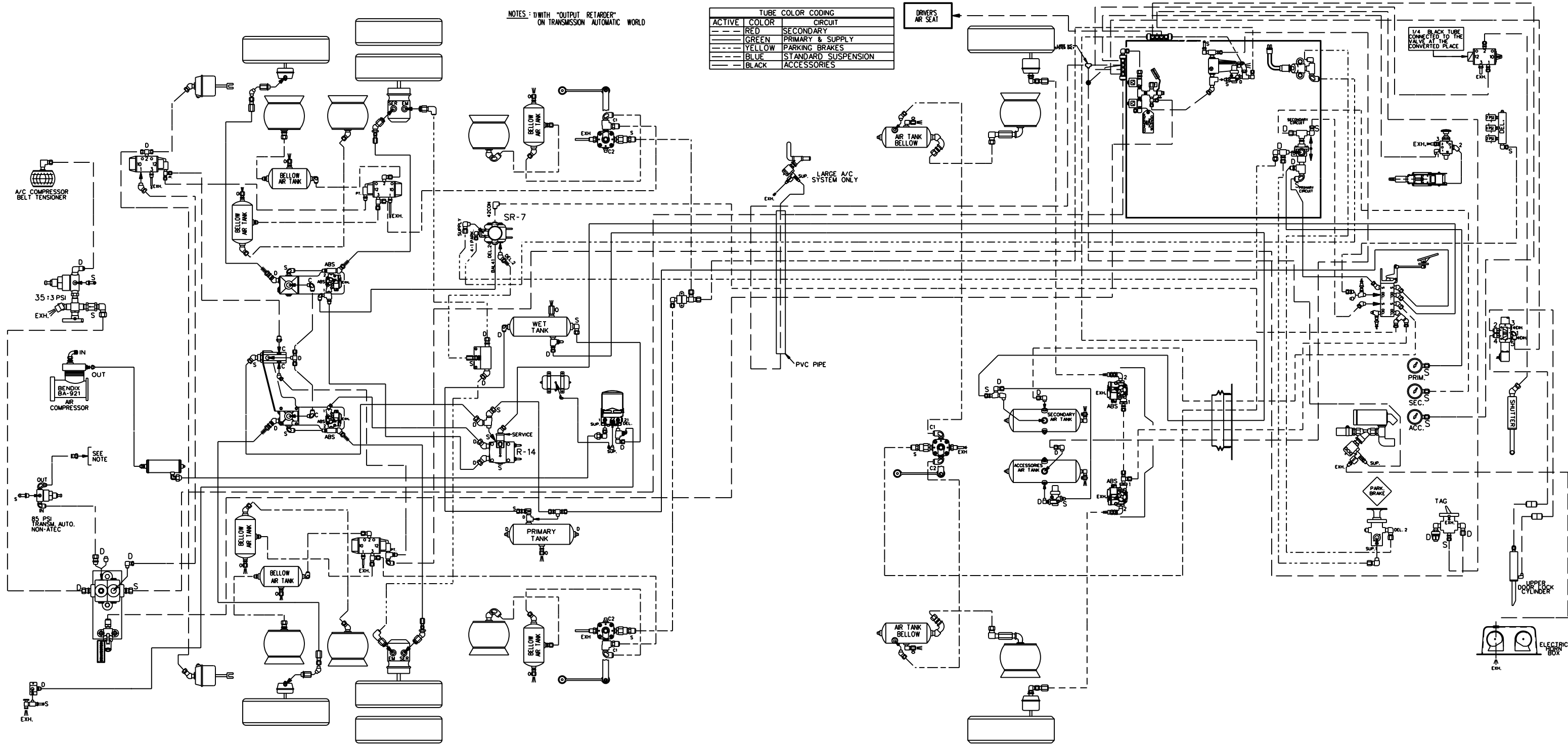
Pneumatic diagram

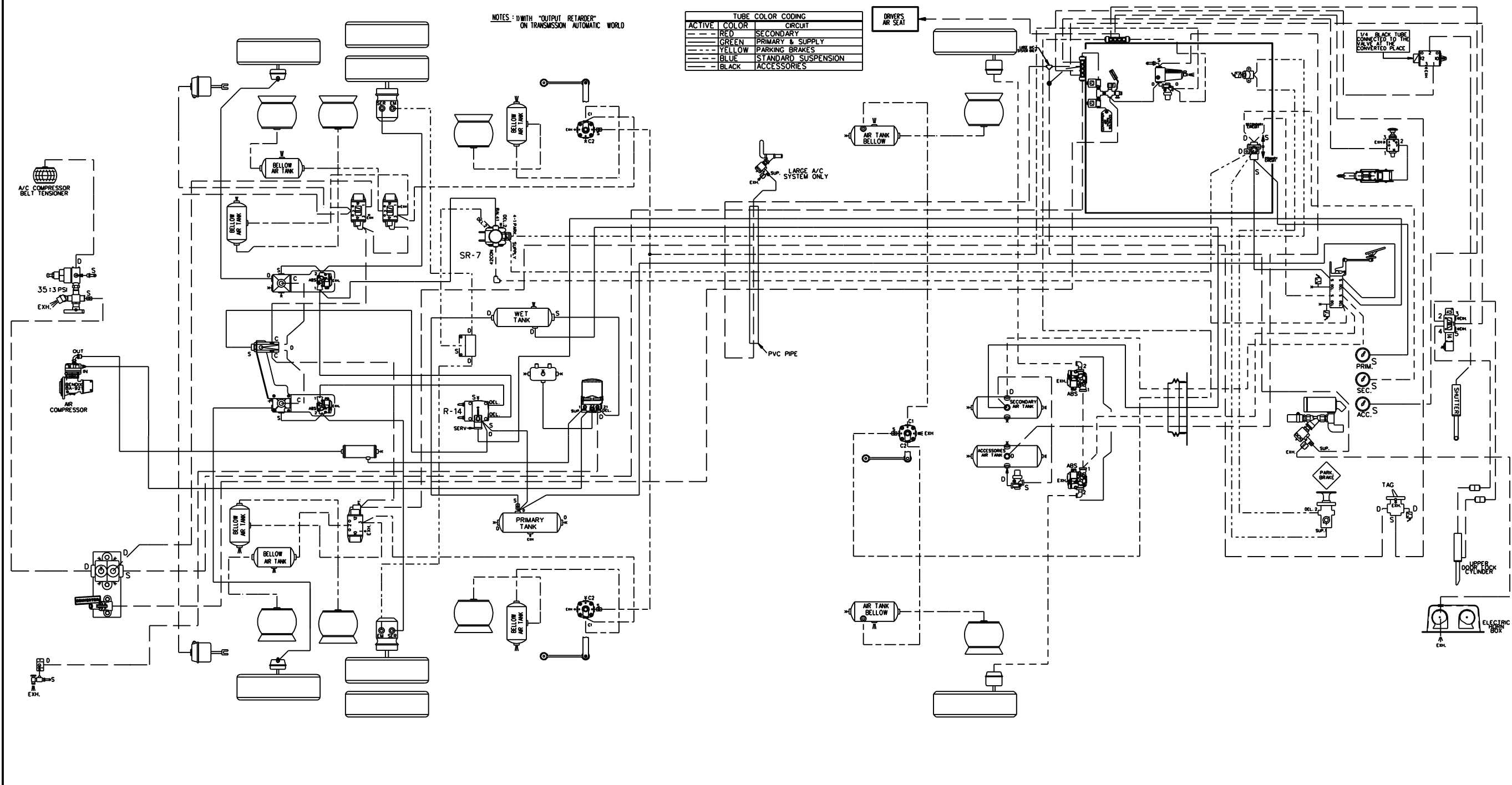
PNEUMATIC DIAGRAMS W0-WE BUS SHELL WITH INDEPENDENT SUSP.

PRODUCTION NUMBER	REV	EFF. VEH.	ECN	S.A.V. NUMBER	REV	DESCRIPTION
D140342P9.0	A B	#9-9682 #A-9952	2008048 2009088	D140342P9.1	A B	D13 VOLVO ENGINE WITHOUT RETARDER ALLISON TRANSM.
D140342SP1.0	A	#8-9279	2006012	D140342SP1.1	A	DIFFERENTIAL AIR LOCK OPTION



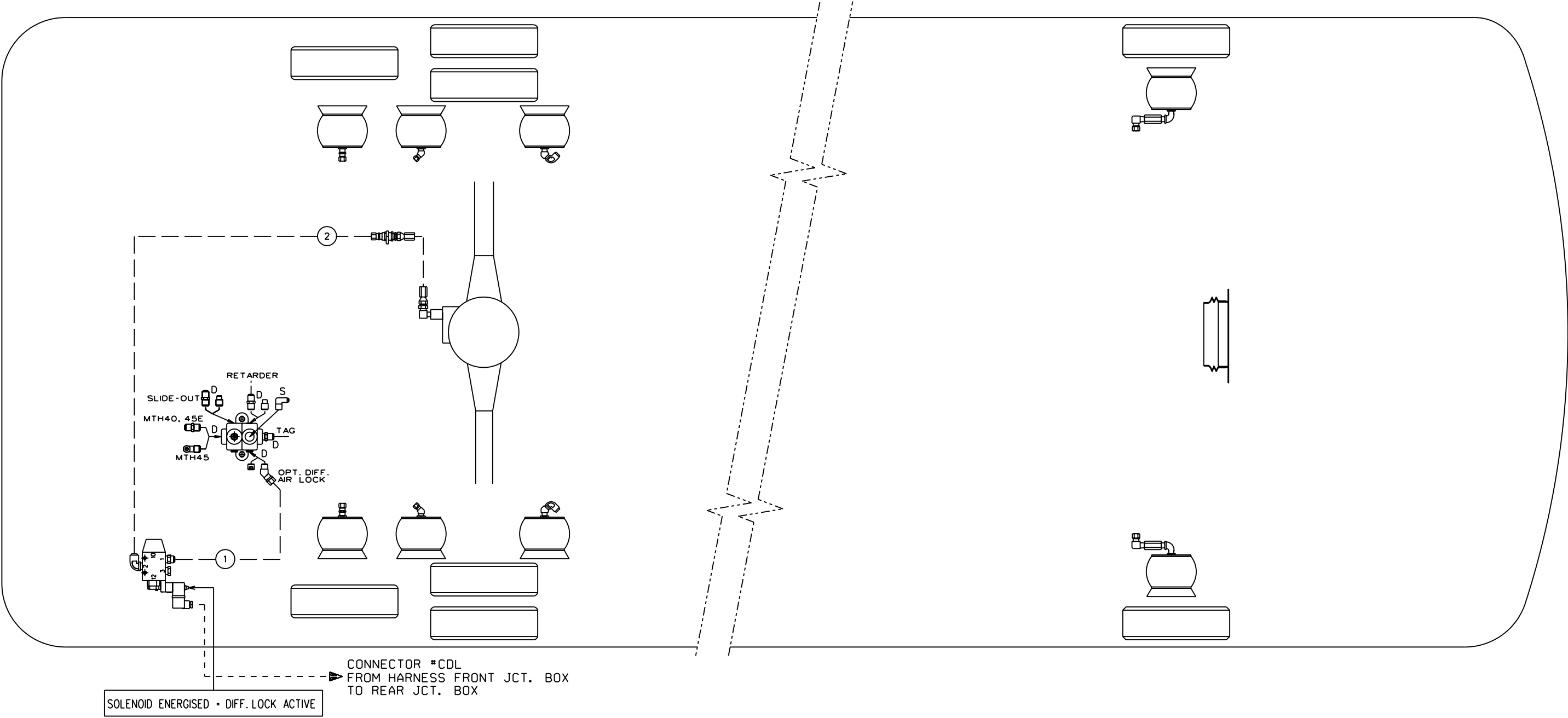






NOTES: 1. WITH "OUTPUT RETARDER" ON TRANSMISSION AUTOMATIC WORLD

ACTIVE	COLOR	CIRCUIT
- - -	RED	SECONDARY
- - -	GREEN	PRIMARY & SUPPLY
- - -	YELLOW	PARKING BRAKES
- - -	BLUE	STANDARD SUSPENSION
- - -	BLACK	ACCESSORIES



BALLOON	PIPE
*1	1/4" O.D. BLACK
*2	3/8" O.D. BLACK

TUBE COLOR CODING		
LINE TYPE	COLOR	CIRCUIT
---	BLACK	ACCESSORIES

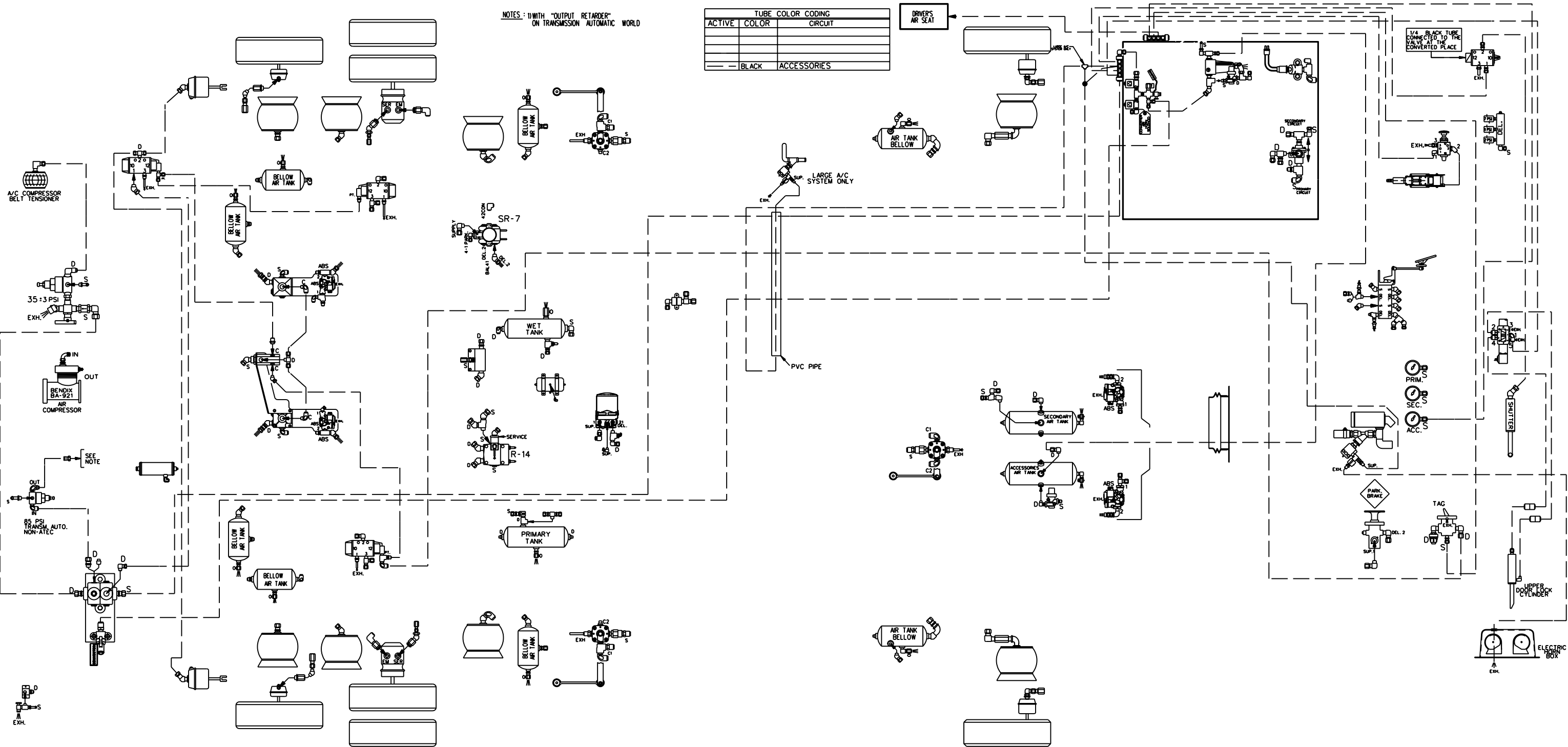
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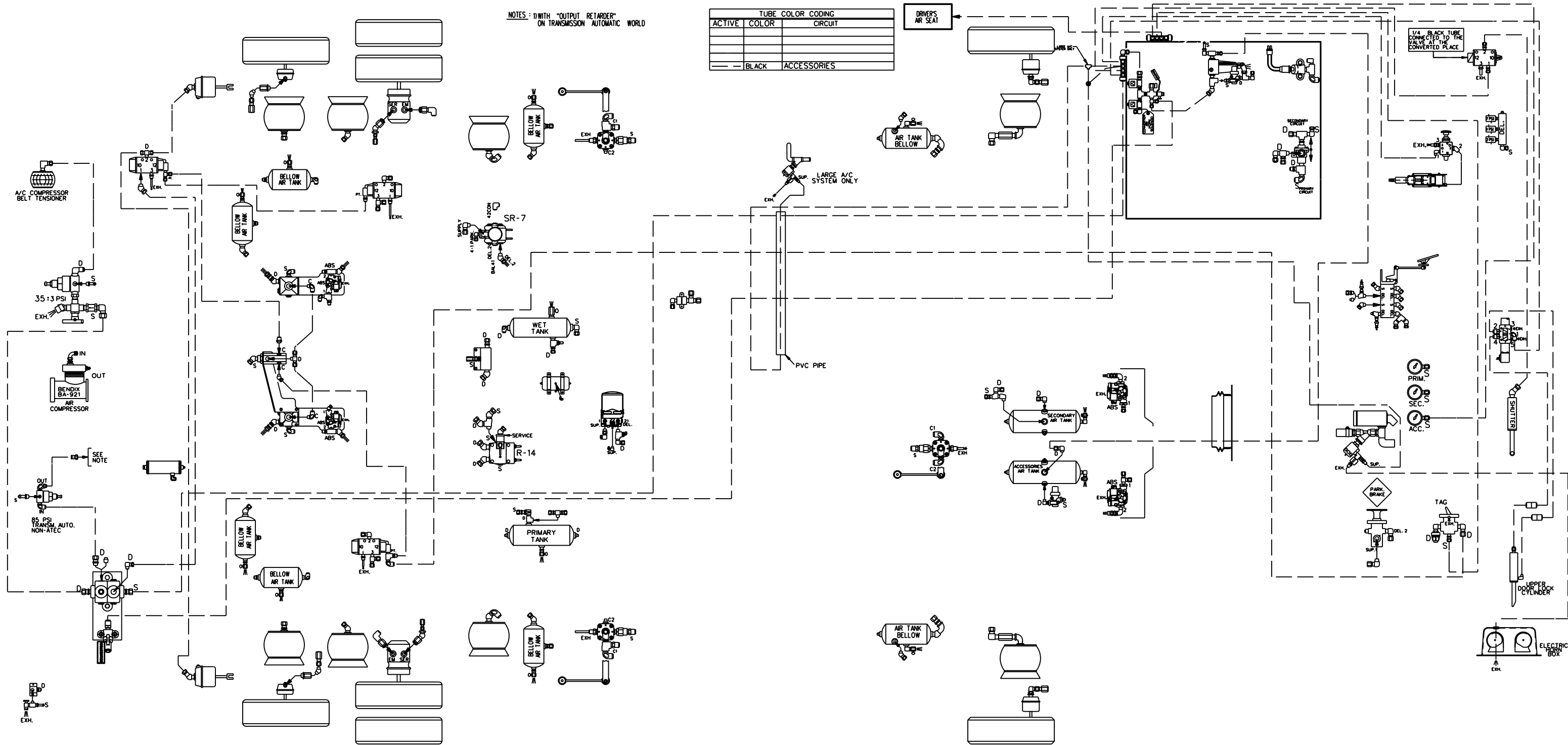
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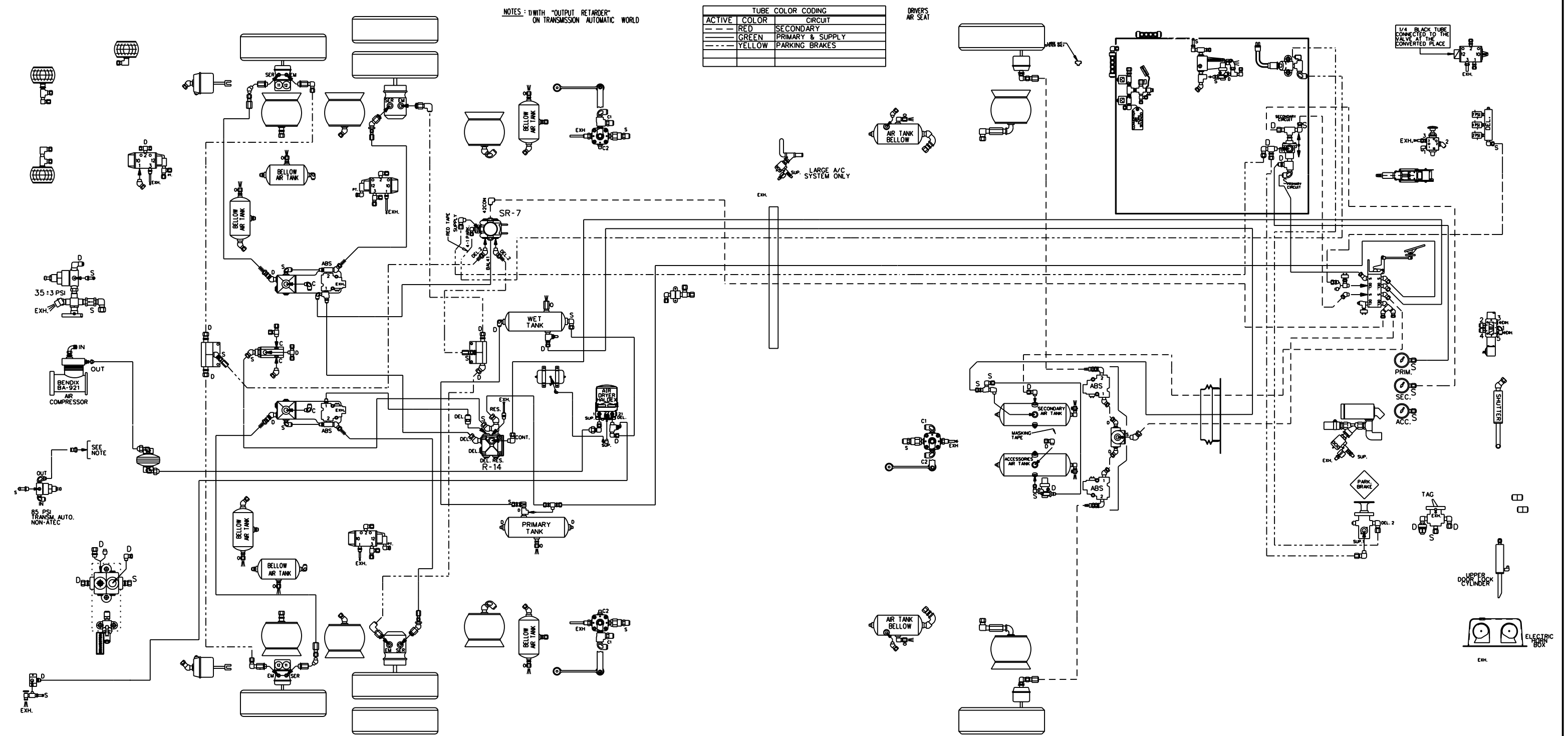
BUS SHELL WE & WO 2006
WITH OPTION DIFFERENTIAL AIR LOCK

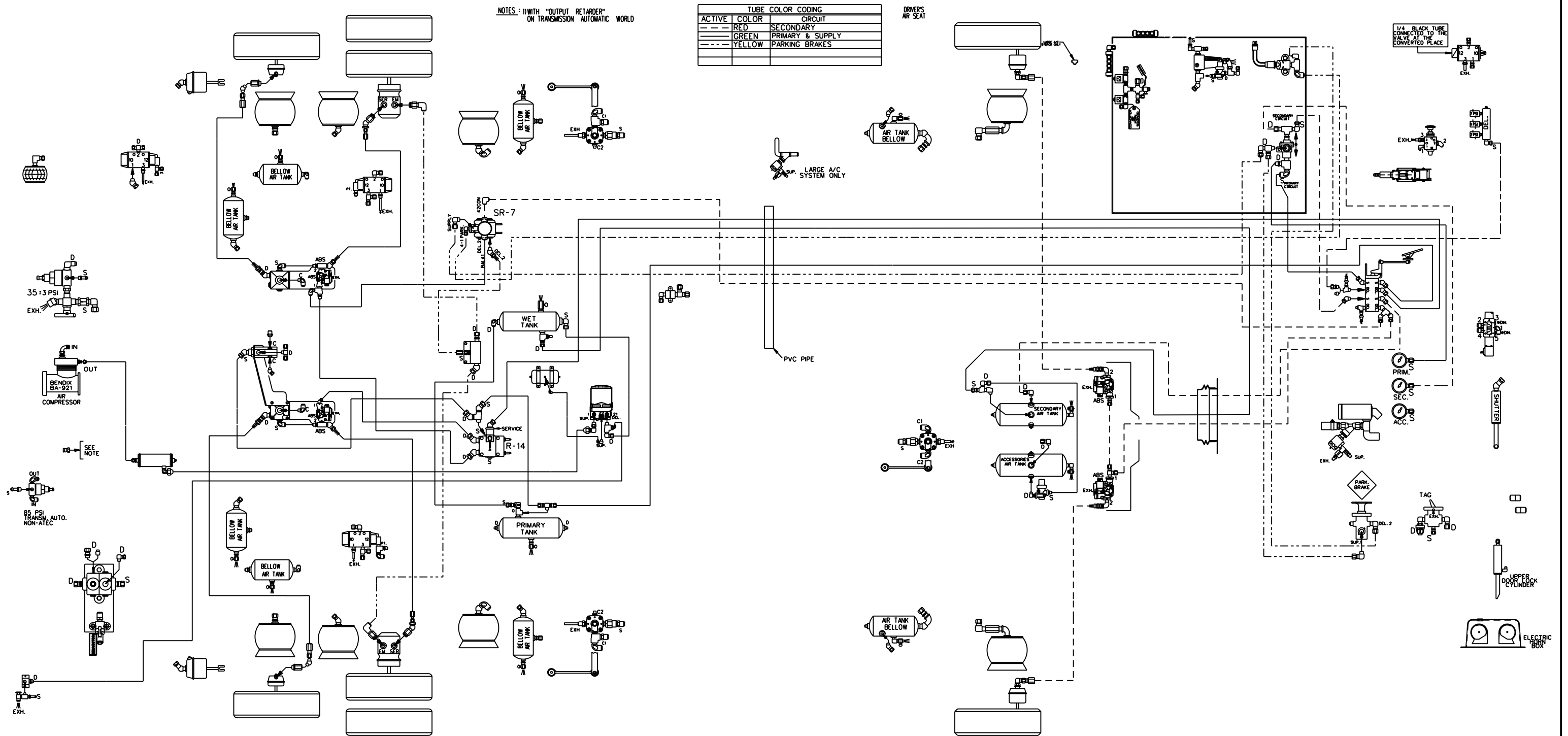
EFF. W/VEH : TO FOLLOW
DATE: 2006/09
REV.: A

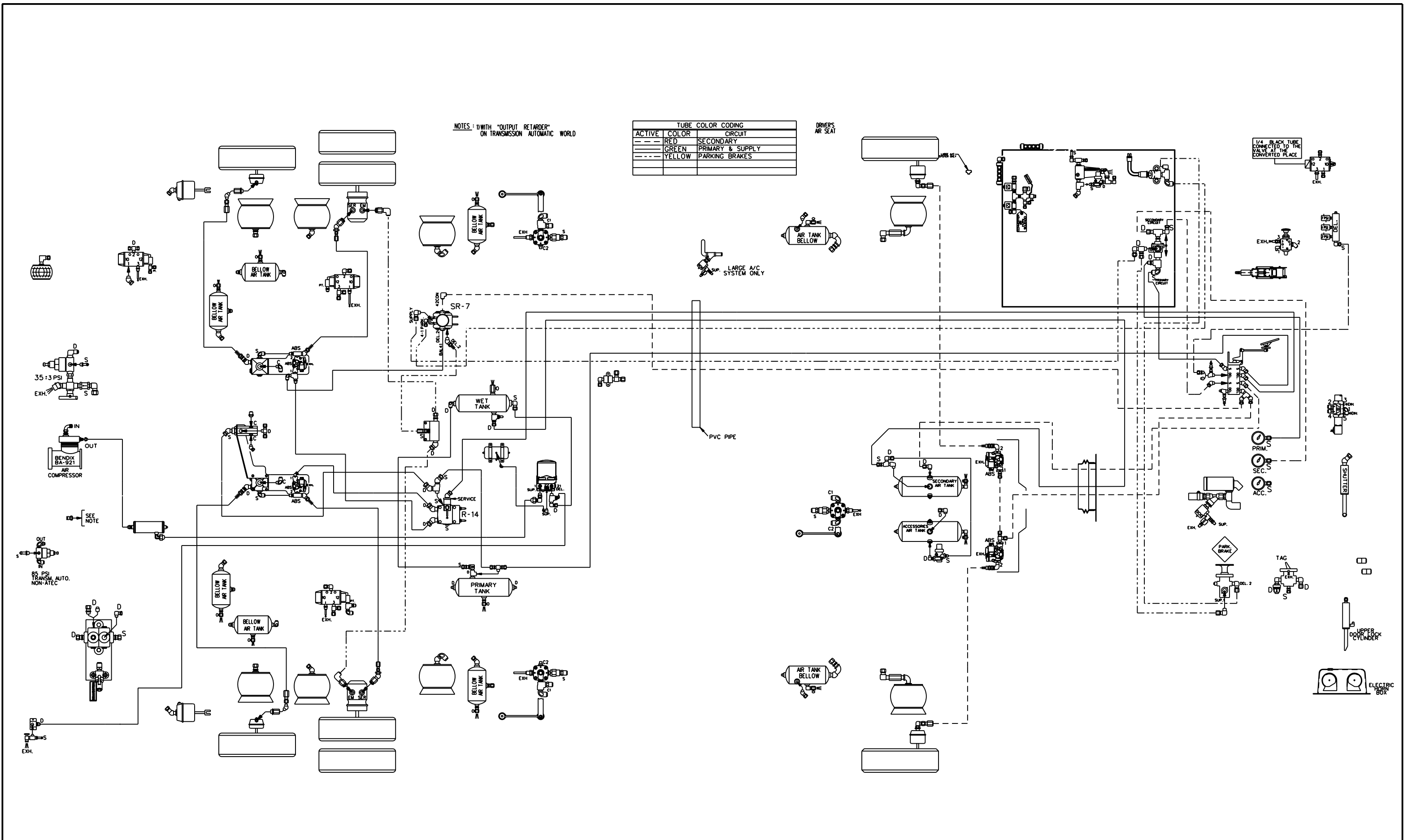
PAGE:
D140342SP1.1











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DESCRIPTION:

BUS SHELL WE & WO 2006
BRAKES SYSTEM

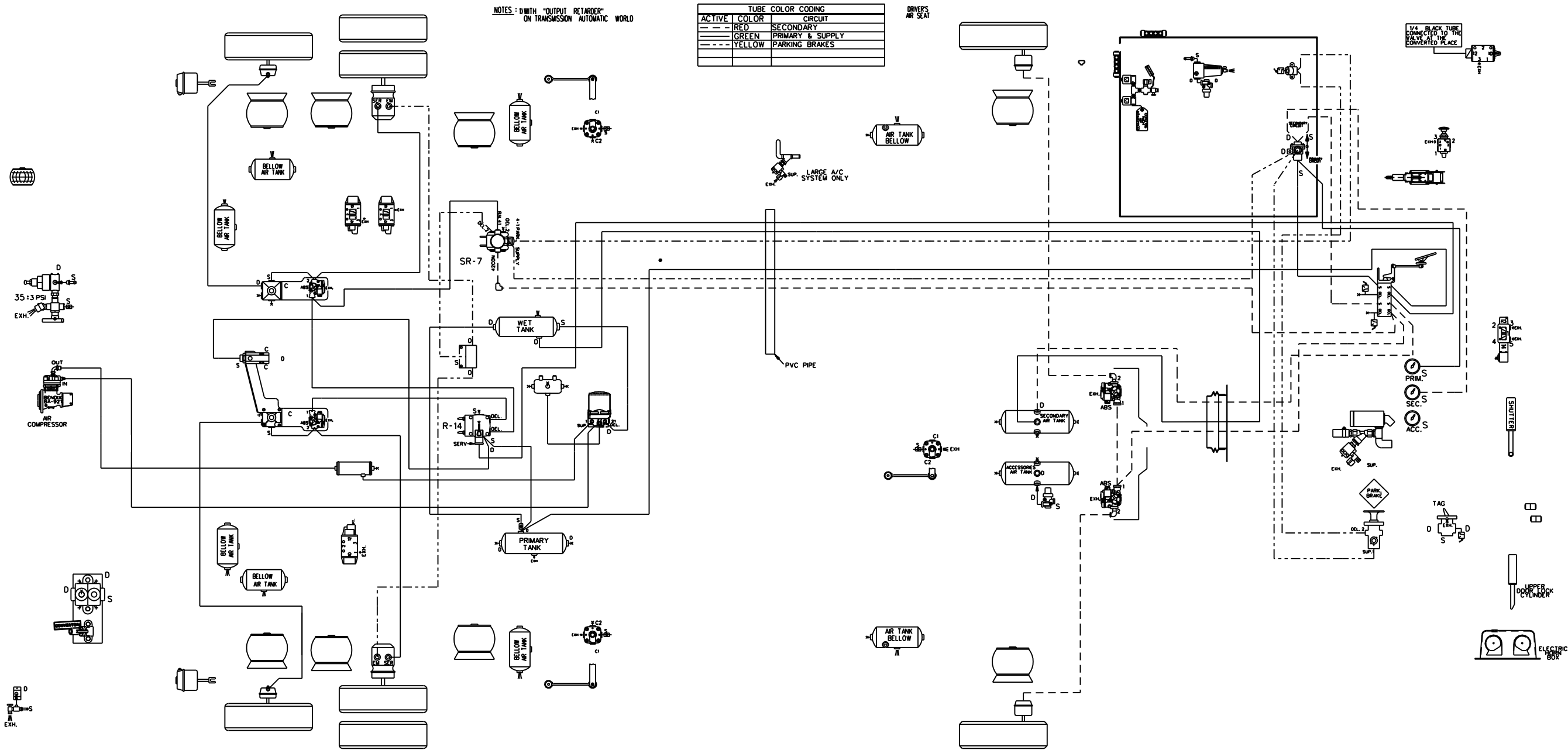
EFF. W/ VEH : #8-9436

DATE: 2008/04

REV.: C

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D140342 P1.3



PREVOST.

DESCRIPTION:

BUS SHELL WE
BRAKES SYSTEM

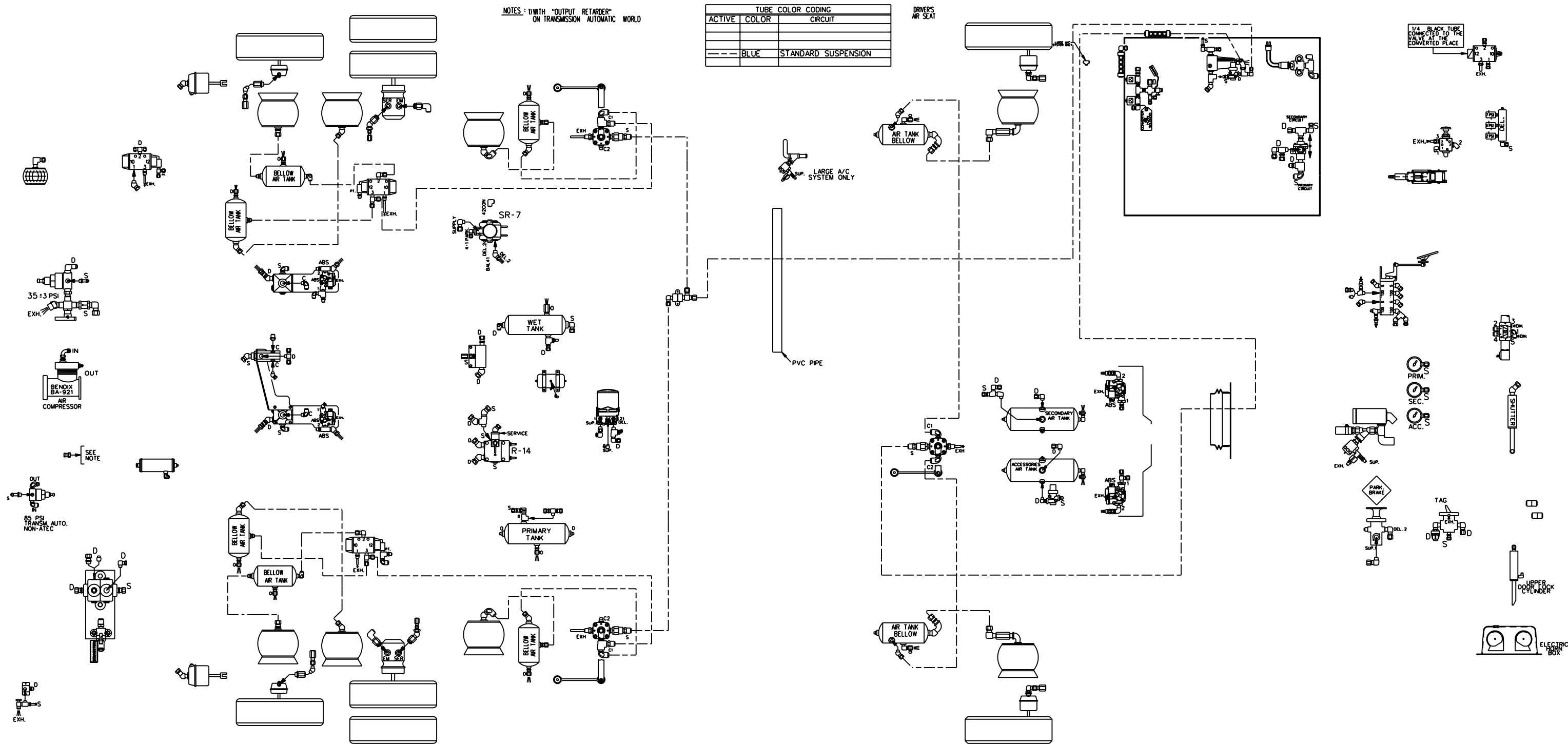
EFF. W/ VEH : *B-9954...

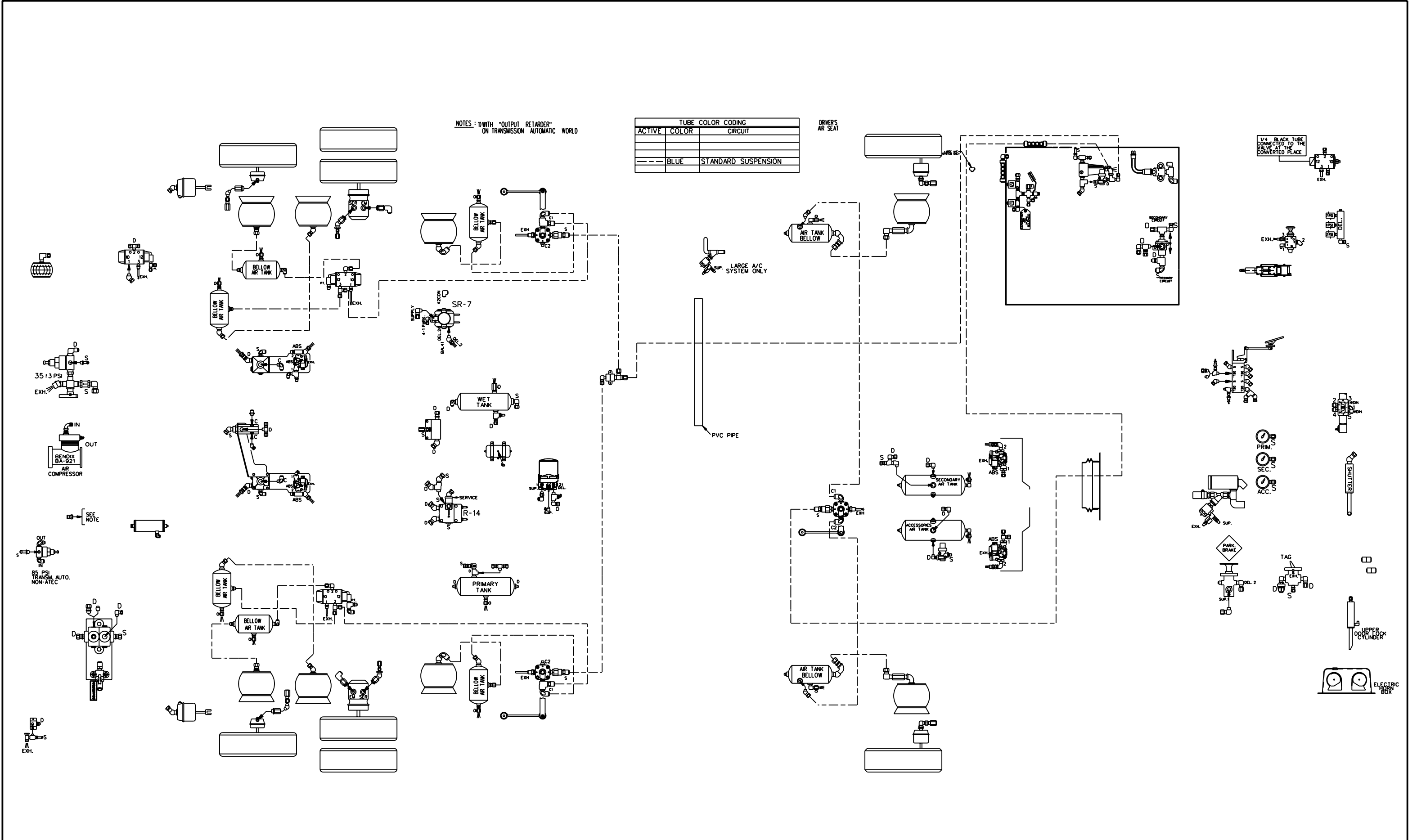
DATE: 2010/04

REV.: E

PAGE:

D140342 P1.3





NOTES : 1) WITH "OUTPUT RETARDER"
ON TRANSMISSION "AUTOMATIC" WORLD

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	BLUE	STANDARD SUSPENSION

DRIVER'S
AIR SEAT

LARGE A/C
SYSTEM ONLY

PVC PIPE

1/4" BLACK TUBE
CONNECTED TO THE
VALVE AT THE
CONVERTED PLACE

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

EXH.

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EXH.

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EXH.

EXH.

EXH.

EXH.

EXH.

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DESCRIPTION:

BUS SHELL WE & WO 2006
STANDARD SUSPENSION

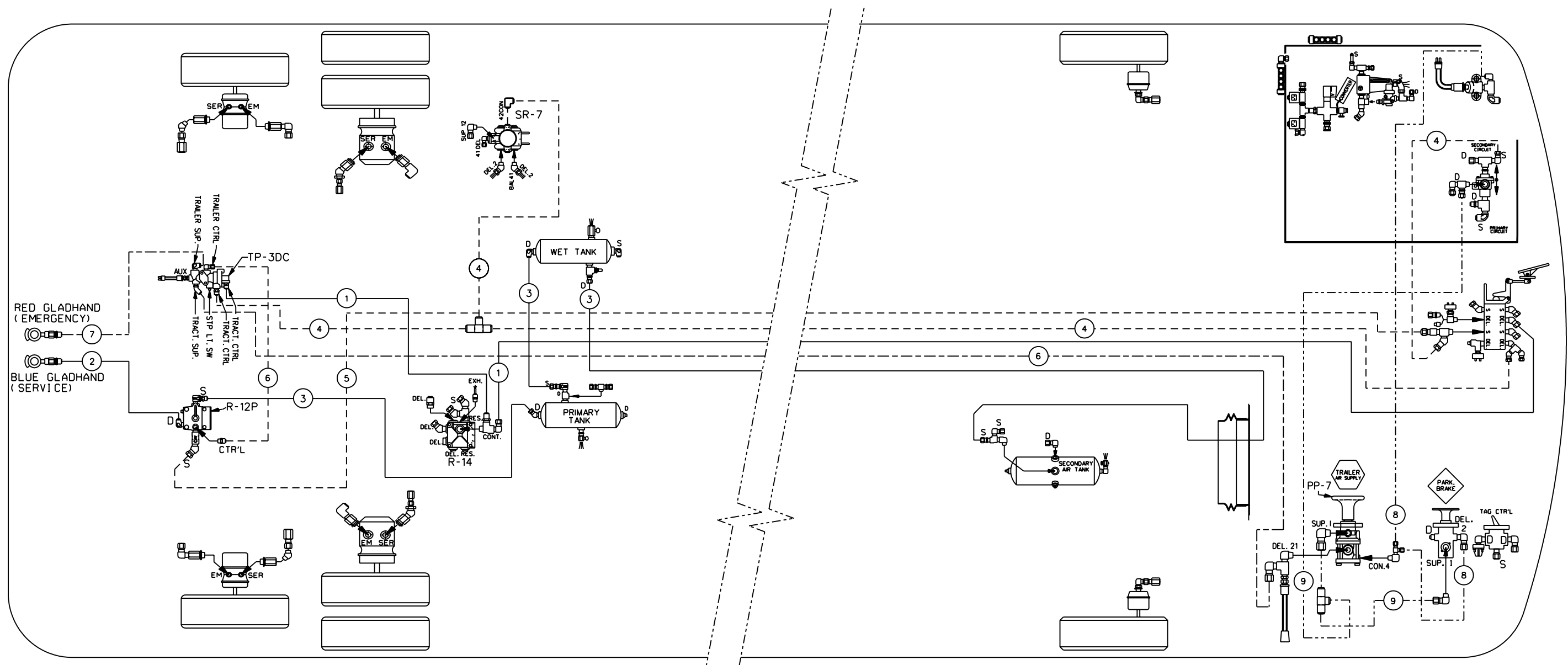
EFF. W/ VEH : #8-9436

DATE: 2008/04

REV.: C

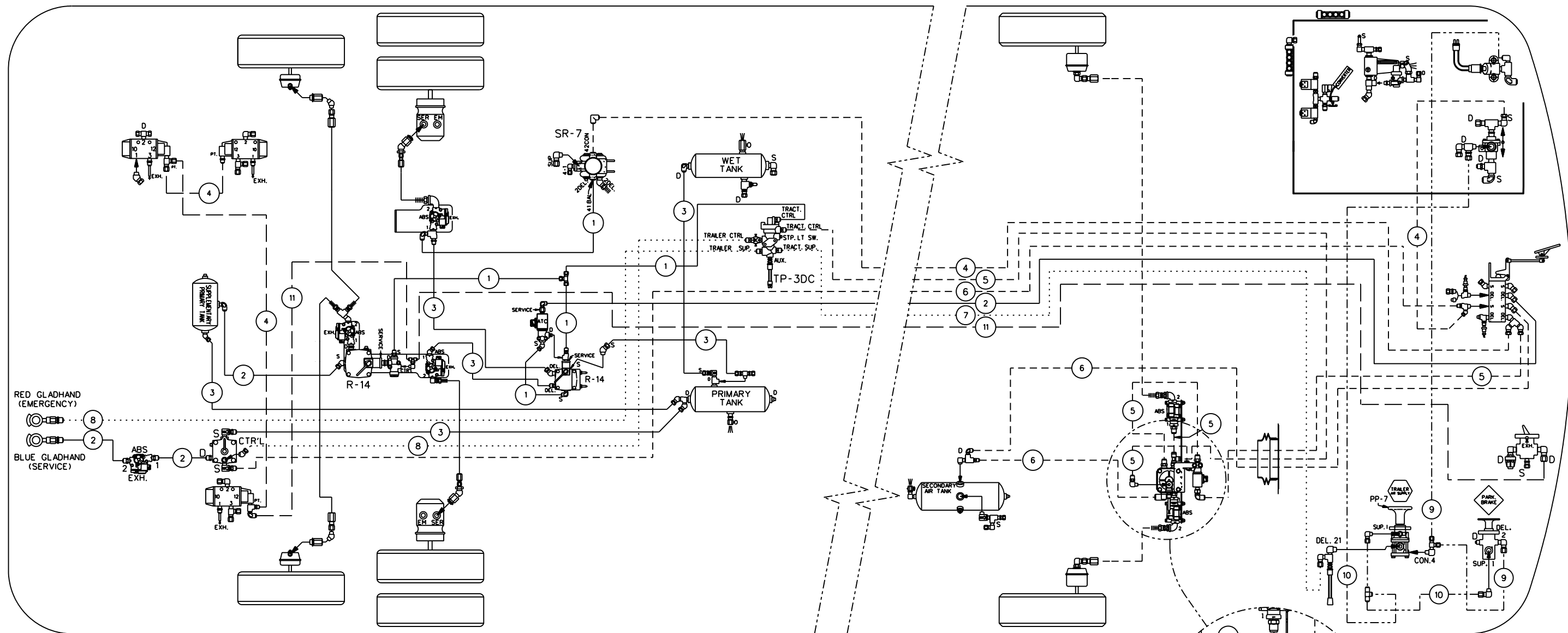
PAGE:

D140342 P1.4



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	RED	SECONDARY
---	GREEN	PRIMARY & SUPPLY
---	YELLOW	PARKING BRAKE
---	BROWN	TRAILER

BALLOON	PIPE
#1	3/8" O.D. GREEN
#2	1/2" O.D. GREEN
#3	5/8" O.D. GREEN
#4	3/8" O.D. RED
#5	5/8" O.D. RED
#6	3/8" O.D. BROWN
#7	1/2" O.D. BROWN
#8	1/4" O.D. YELLOW
#9	3/8" O.D. YELLOW



RED GLADHAND
(EMERGENCY)

BLUE GLADHAND
(SERVICE)

BALLOON	PIPE
•1	3/8" O.D. GREEN
•2	1/2" O.D. GREEN
•3	5/8" O.D. GREEN
•4	3/8" O.D. RED
•5	1/2" O.D. RED
•6	5/8" O.D. RED
•7	3/8" O.D. BROWN
•8	1/2" O.D. BROWN
•9	1/4" O.D. YELLOW
•10	3/8" O.D. YELLOW
•11	1/4" O.D. BLACK
•12	5/8" O.D. BLACK

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	RED	SECONDARY
---	GREEN	PRIMARY & SUPPLY
---	YELLOW	PARKING BRAKE
.....	BROWN	TRAILER
---	BLACK	ACCESSORIES

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DESCRIPTION:

BUS SHELL WE & WO 2006
WITH OPTION TRAILER HITCH AIR BRAKE
WITH ESP ADVANCED

EFF. W/VEH :

8-9279

DATE:

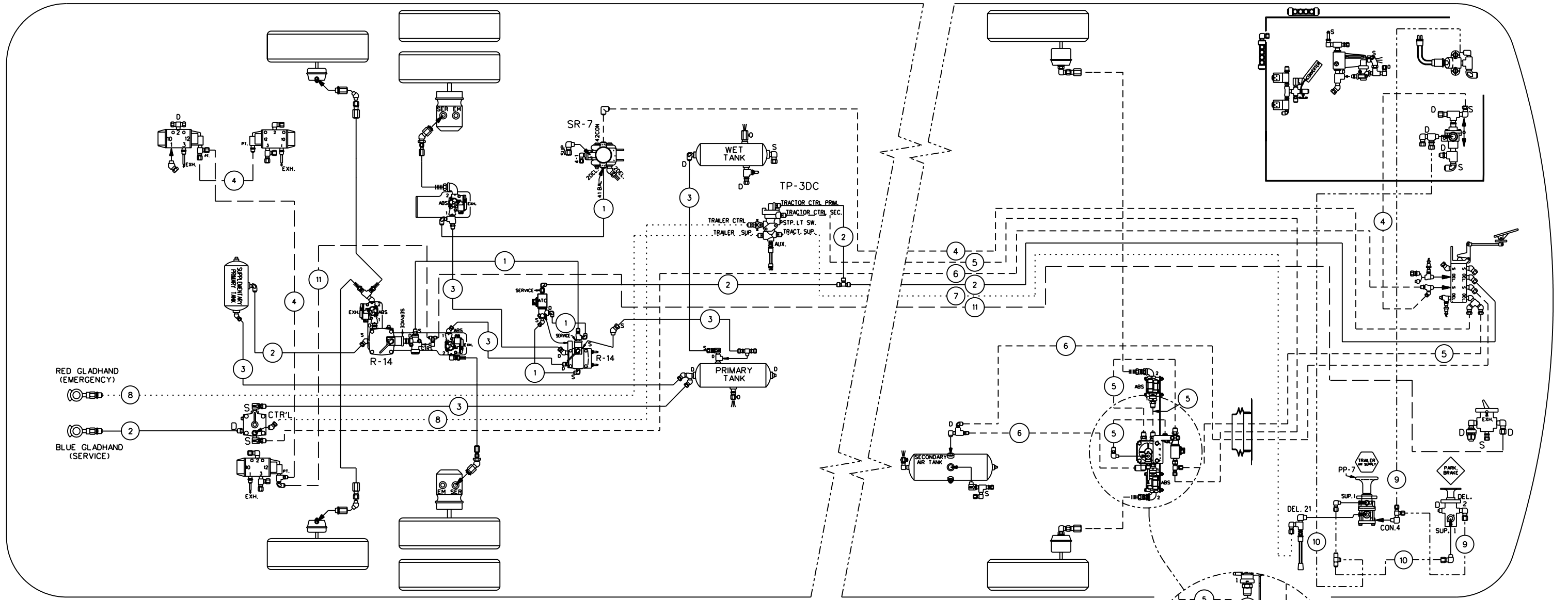
2007/05

REV.:

C

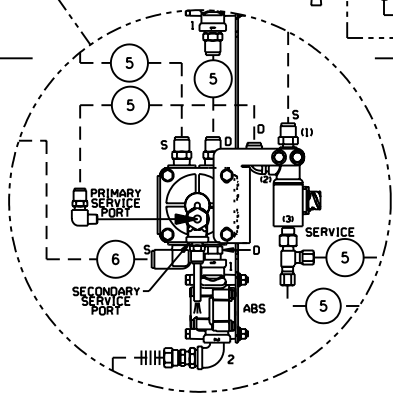
PAGE:

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BALLOON	PIPE
•1	3/8" O.D. GREEN
•2	1/2" O.D. GREEN
•3	5/8" O.D. GREEN
•4	3/8" O.D. RED
•5	1/2" O.D. RED
•6	5/8" O.D. RED
•7	3/8" O.D. BROWN
•8	1/2" O.D. BROWN
•9	1/4" O.D. YELLOW
•10	3/8" O.D. YELLOW
•11	1/4" O.D. BLACK
•12	5/8" O.D. BLACK

TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
---	RED SECONDARY
---	GREEN PRIMARY & SUPPLY
---	YELLOW PARKING BRAKE
---	BROWN TRAILER
---	BLACK ACCESSORIES



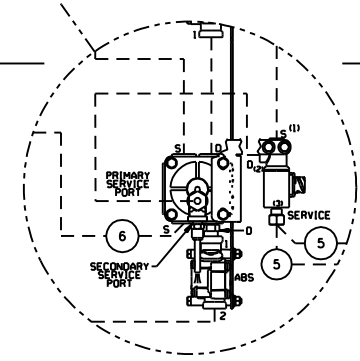
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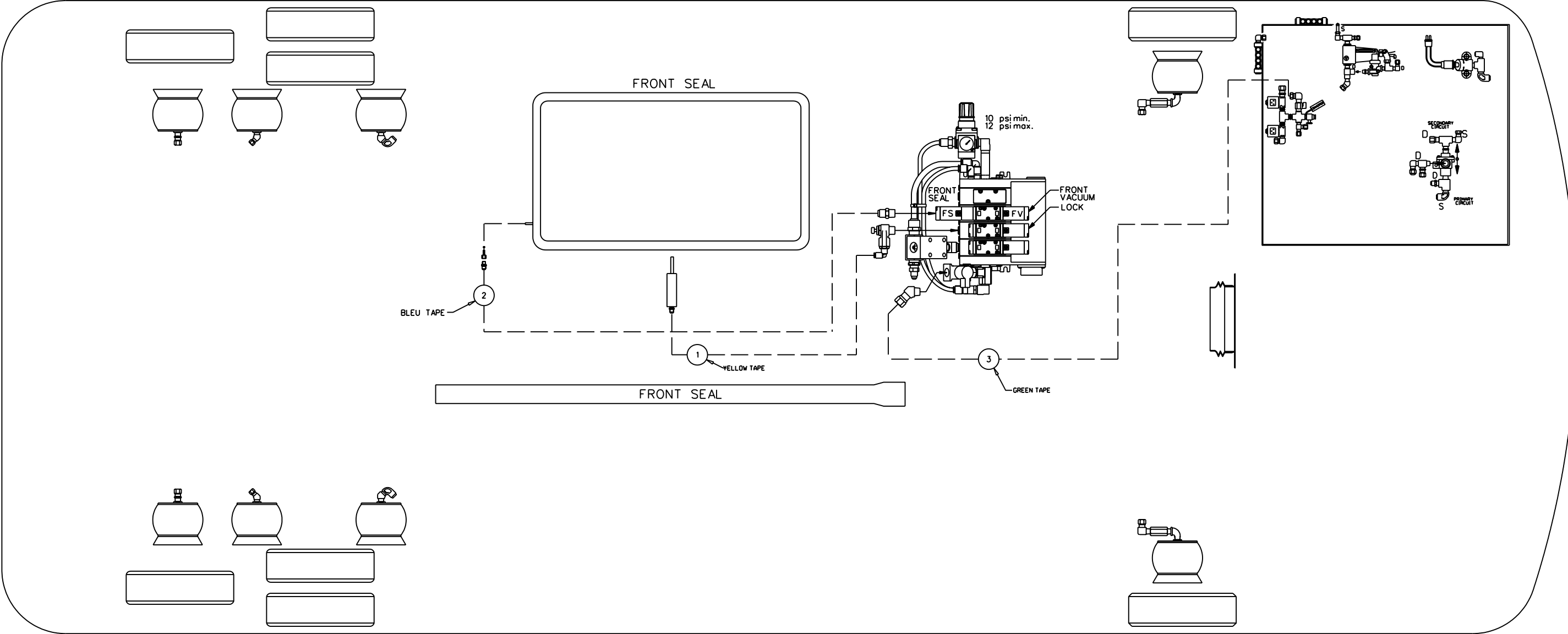
BUS SHELL WE & WO 2006
WITH OPTION TRAILER HITCH AIR BRAKE
WITH ESP BRAKE SYSTEM

EFF. W/VEH : #9-9702...
DATE: 2008/12 REV.: E

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D140342 P2.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
— — —	RED	SECONDARY
— — — —	GREEN	PRIMARY & SUPPLY
— — — — —	YELLOW	PARKING BRAKE
— — — — —	BROWN	TRAILER
— — — — —	BLACK	ACCESSORIES



BALLOON	PIPE
*1	1/8" O.D. BLACK
*2	3/8" O.D. BLACK
*3	1/2" O.D. BLACK

TUBE COLOR CODING		
LINE	TYPE	COLOR
---	---	---
---	---	BLACK
---	---	ACCESSOIRES

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DESCRIPTION:

BUS SHELL WE & WO 2006
WITH OPTION SIMPLE SLIDE-OUT

EFF. W/VEH : *7-9096

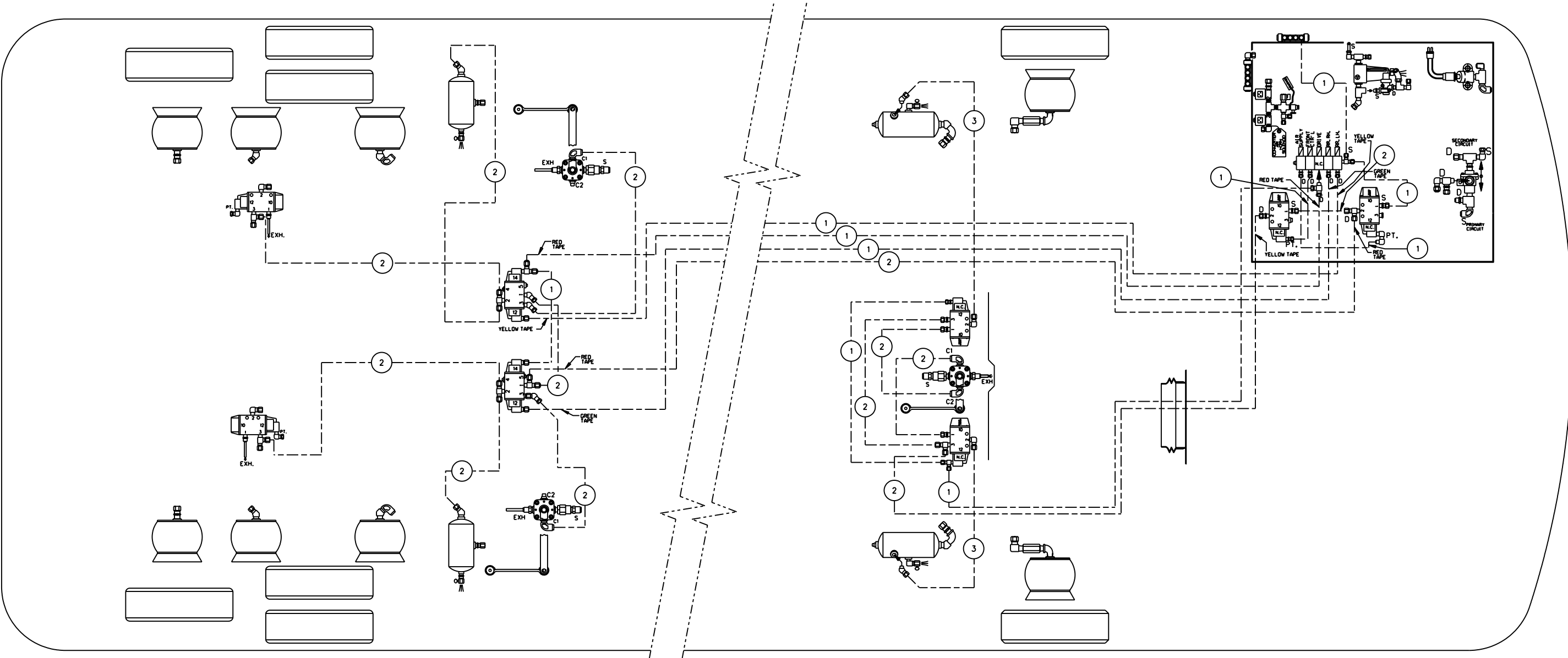
Preliminary *7-9010

DATE:
2006/09

REV.:
A

PAGE:

D140342 P3.1



BALLOON	PIPE
#1	1/4" O.D. BLACK
#2	3/8" O.D. BLUE
#3	1/2" O.D. BLUE

TUBE COLOR CODING		
LINE TYPE	COLOR	CIRCUIT
---	BLUE	SUSPENSION
---	BLACK	SUSPENSION

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DESCRIPTION:

BUS SHELL WE & WO 2006
WITH OPTION LEVEL LOW

EFF. W/VEH : #7-9096...

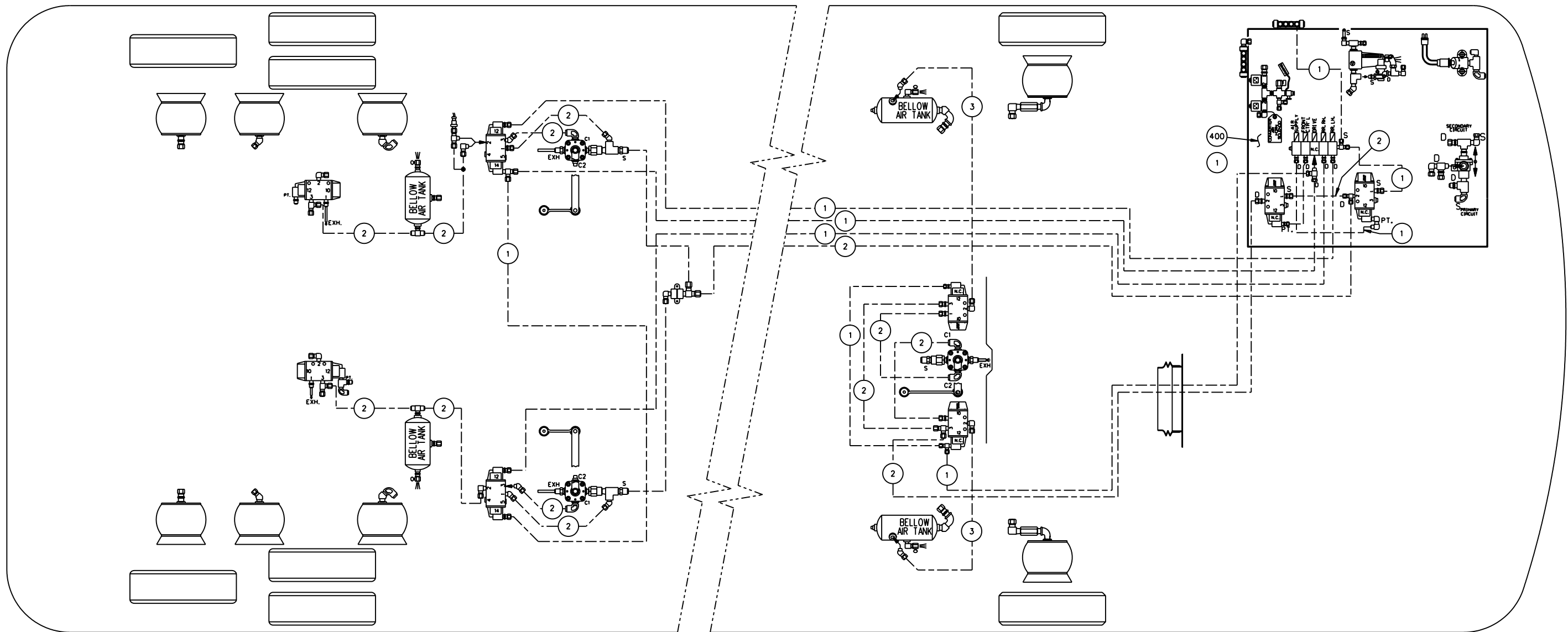
Preliminary #7-9010

DATE:
2006/09

REV.:
A

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D140342 P4.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	BLACK	ACCESSORIES
---	BLUE	STANDARD SUSPENSION

BALLOON	PIPE
*1	1/4" O.D. BLACK
*2	3/8" O.D. BLUE
*3	1/2" O.D. BLUE

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DESCRIPTION:

BUS SHELL WE & WO 2006
WITH OPTION LEVEL LOW

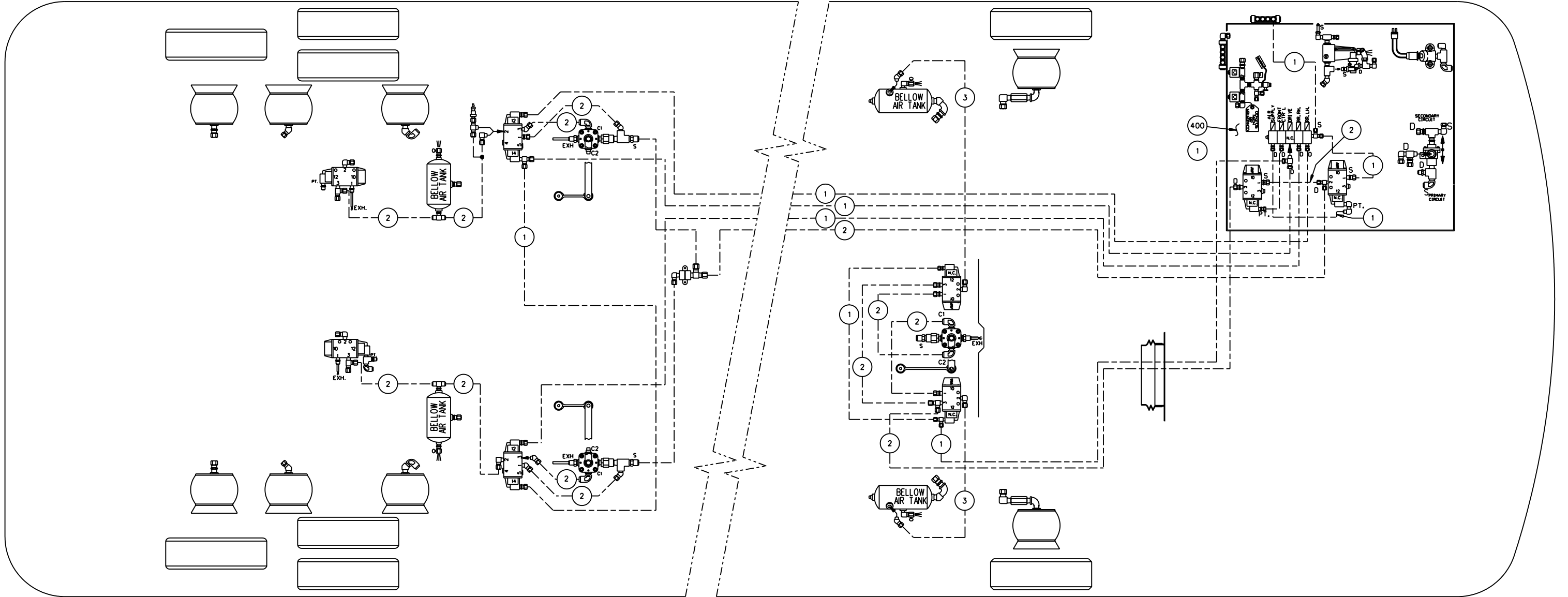
EFF. W/VEH :
*8-9279...

DATE:
2007/06

REV.:
B

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	BLACK	ACCESSORIES
---	BLUE	STANDARD SUSPENSION

BALLOON	PIPE
*1	1/4" O.D. BLACK
*2	3/8" O.D. BLUE
*3	1/2" O.D. BLUE

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DESCRIPTION:

BUS SHELL WE & WO 2006
WITH OPTION LEVEL LOW

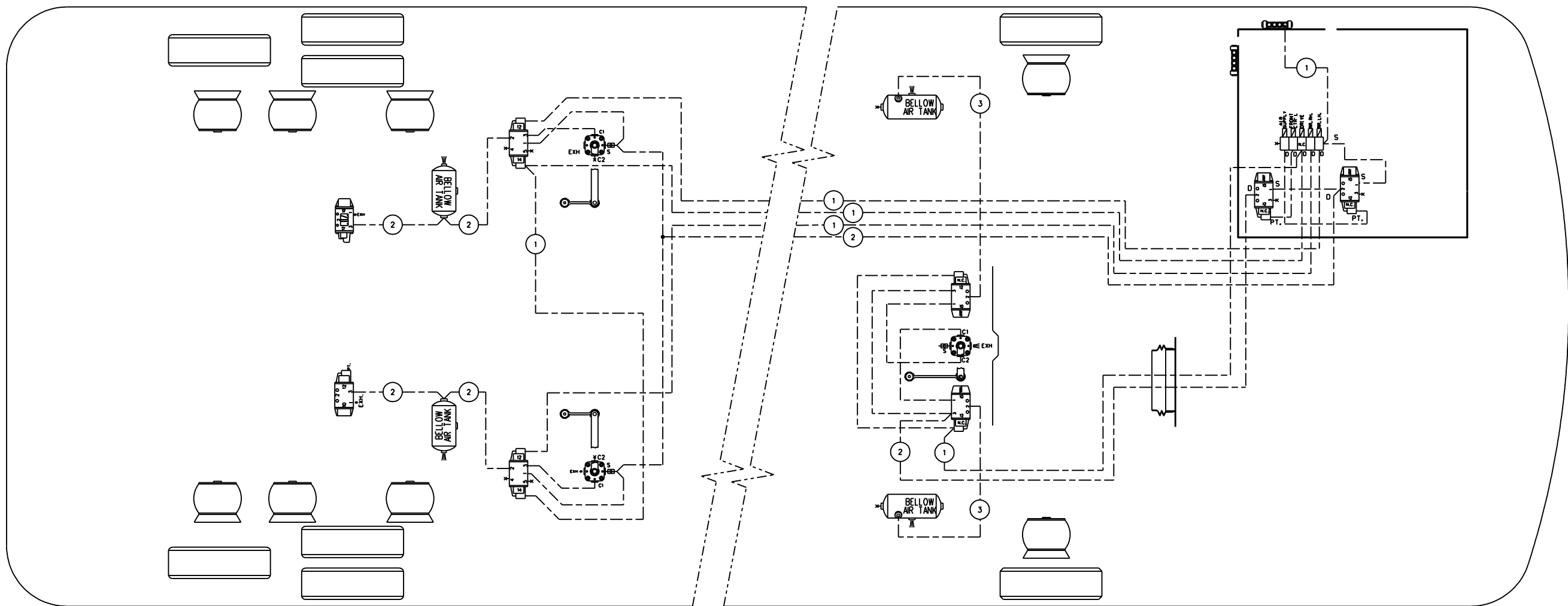
EFF. W/VEH : #8-9436

DATE: 2008/04

REV.: C

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TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
— BLACK	ACCESSORIES
— BLUE	STANDARD SUSPENSION

BALLOON	PIPE
*1	1/4" O.D. BLACK
*2	3/8" O.D. BLUE
*3	1/2" O.D. BLUE

PREVOST®

DESCRIPTION:

BUS SHELL WE 2006
WITH OPTION LEVEL LOW

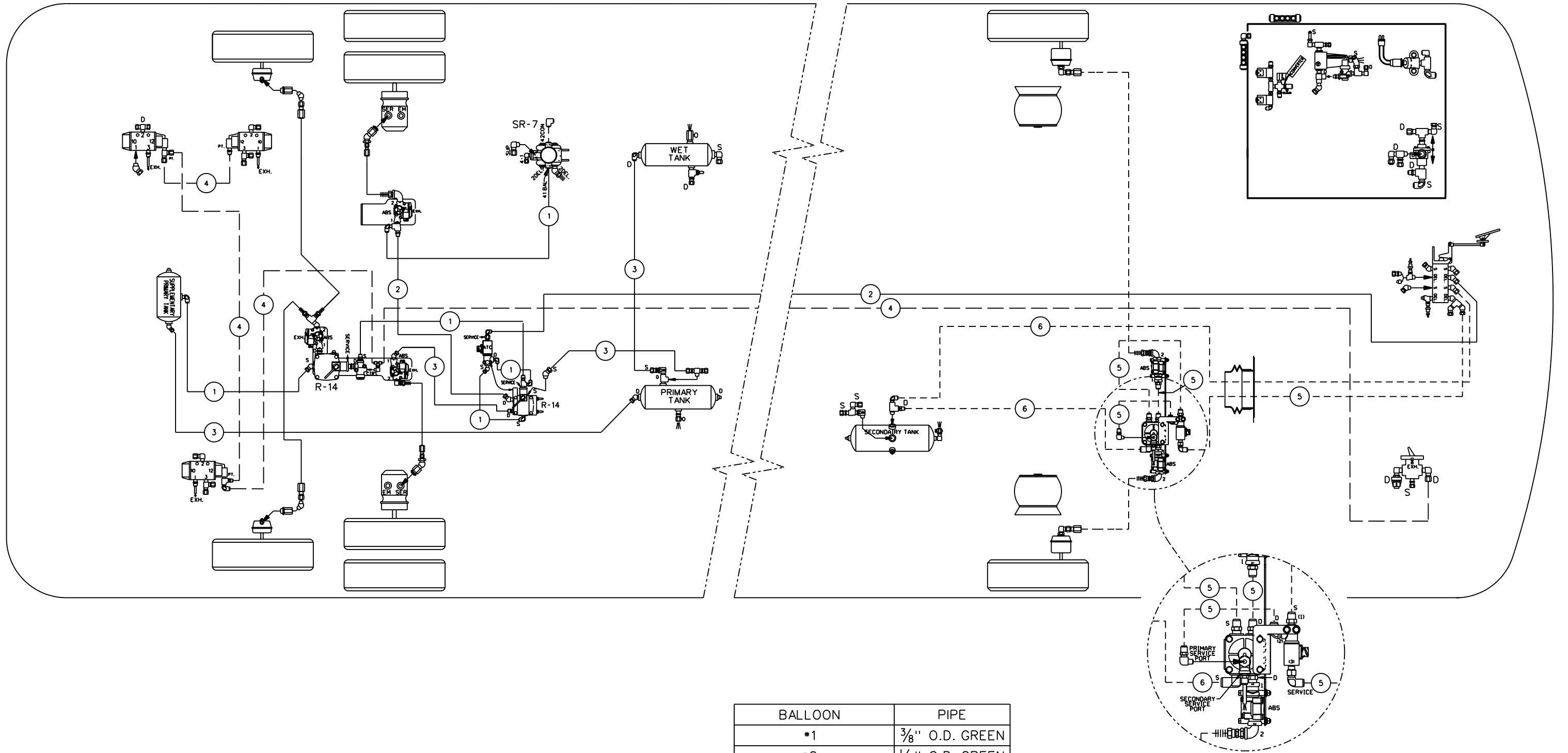
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DATE: 2010/04

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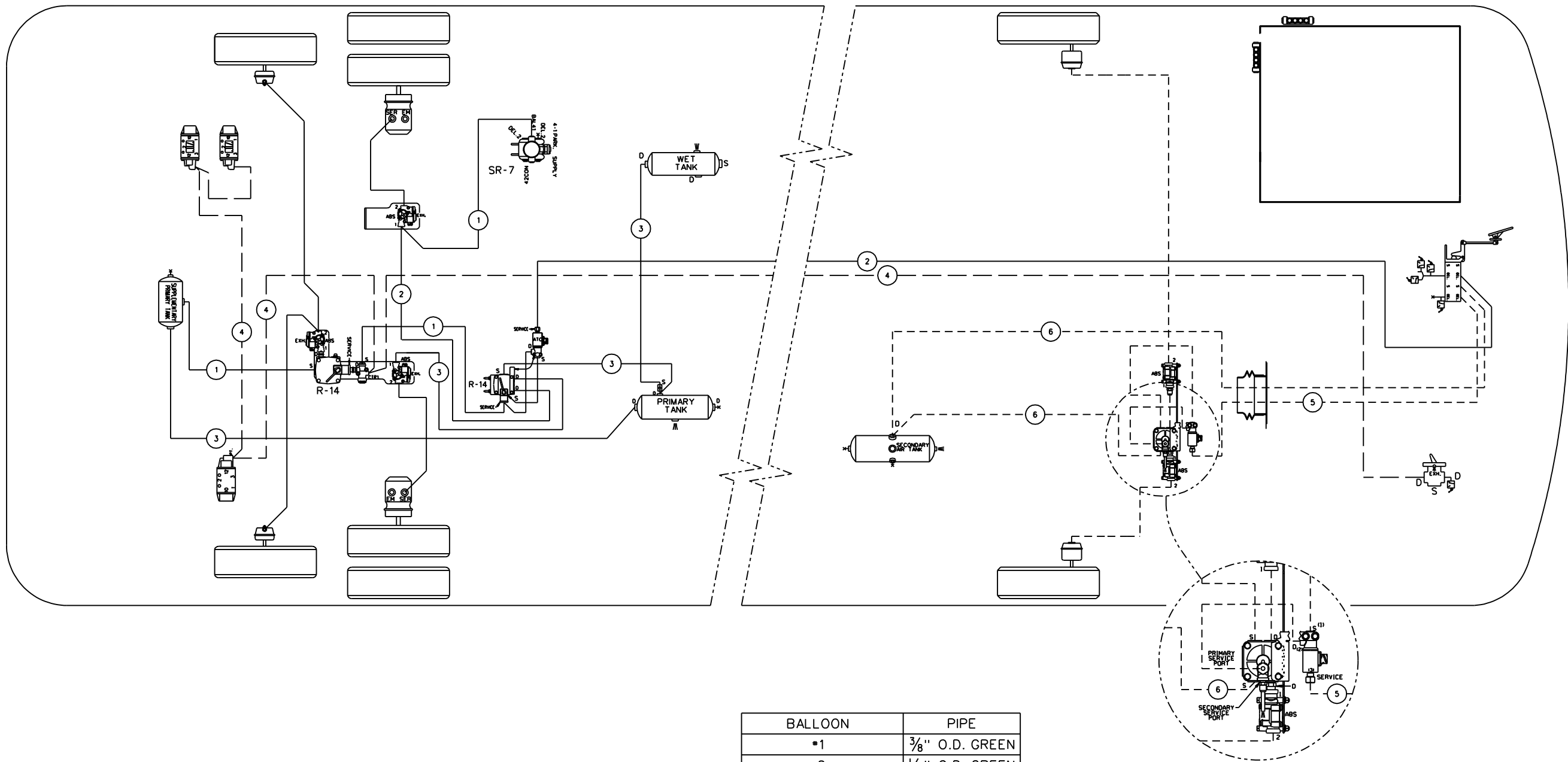
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BALLOON	PIPE
*1	3/8" O.D. GREEN
*2	1/2" O.D. GREEN
*3	5/8" O.D. GREEN
*4	1/4" O.D. BLACK
*5	1/2" O.D. RED
*6	5/8" O.D. RED

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	GREEN	PRIMARY & SUPPLY
—	BLACK	ACCESSORIES
- - -	RED	SECONDARY



BALLOON	PIPE
*1	3/8" O.D. GREEN
*2	1/2" O.D. GREEN
*3	5/8" O.D. GREEN
*4	1/4" O.D. BLACK
*5	1/2" O.D. RED
*6	5/8" O.D. RED

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	GREEN	PRIMARY & SUPPLY
---	BLACK	ACCESSORIES
---	RED	SECONDARY

PREVOST®

DESCRIPTION:

WE BUS SHELL
WITH OPTION ESP BRAKE SYSTEM

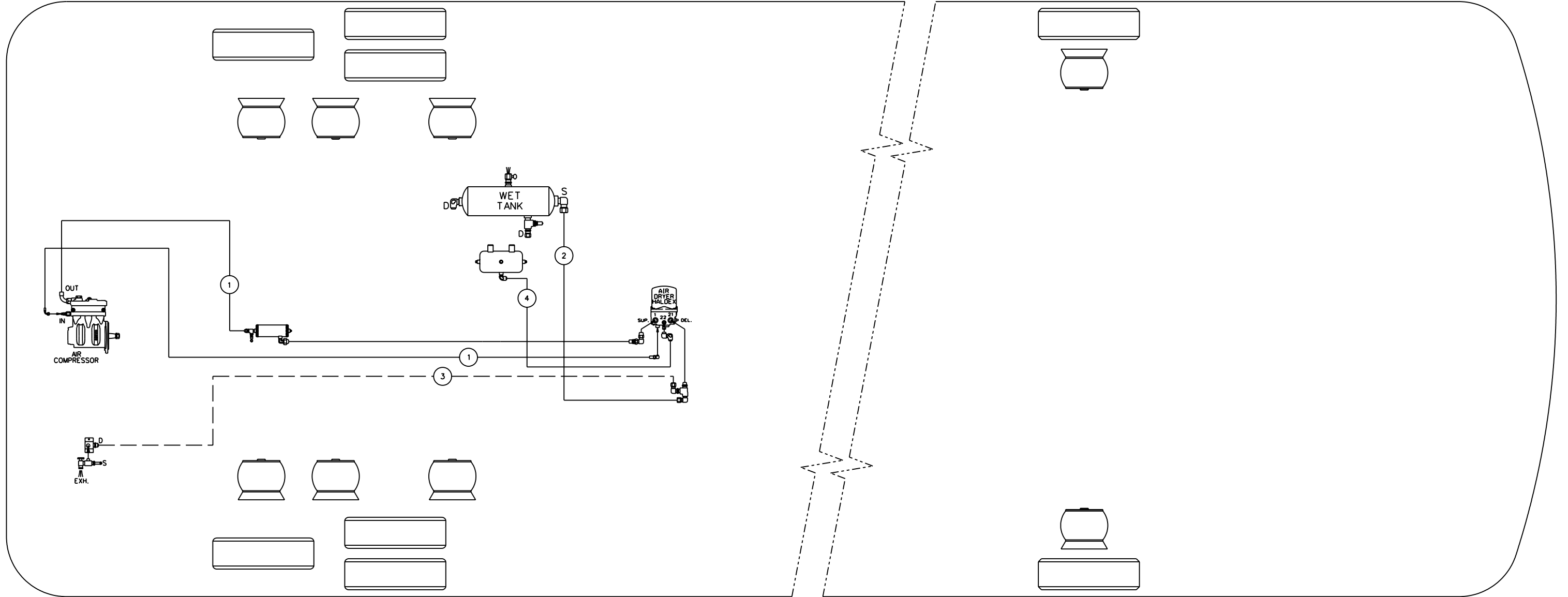
EFF. W/ VEH : *B-9954...

DATE: 2010/04

REV.: C

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	GREEN	PRIMARY & SUPPLY
—	BLACK	ACCESSORIES

BALLOON	PIPE
*1	HOSE ASS'Y
*2	3/4" O.D. GREEN
*3	1/4" O.D. BLACK
*4	3/8" O.D. GREY

PREVOST®

DESCRIPTION:

WE BUS SHELL
HALDEX AIR DRYER WITH OPTION MD13 VOLVO ENGINE

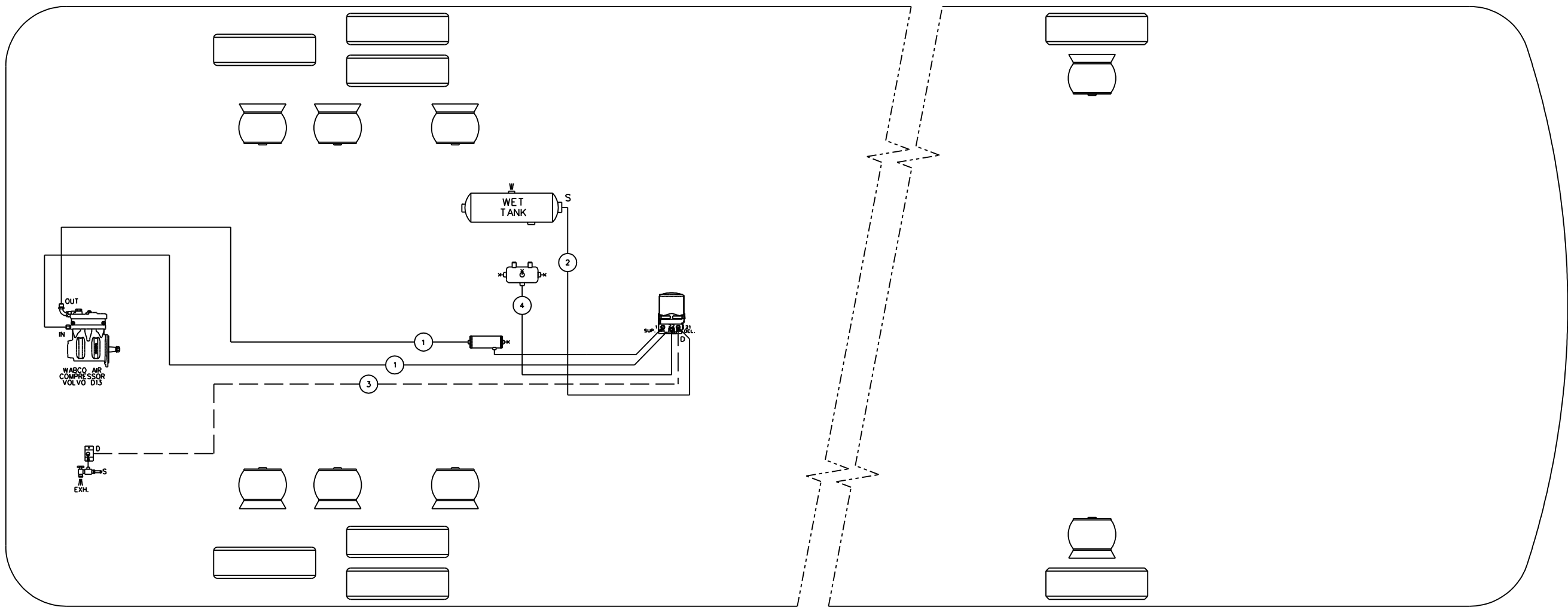
EFF. W/ VEH :
#9-9620...

DATE:
2008/10

REV.:
A

PAGE:

D140342 P6.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	GREEN	PRIMARY & SUPPLY
—	BLACK	ACCESSORIES

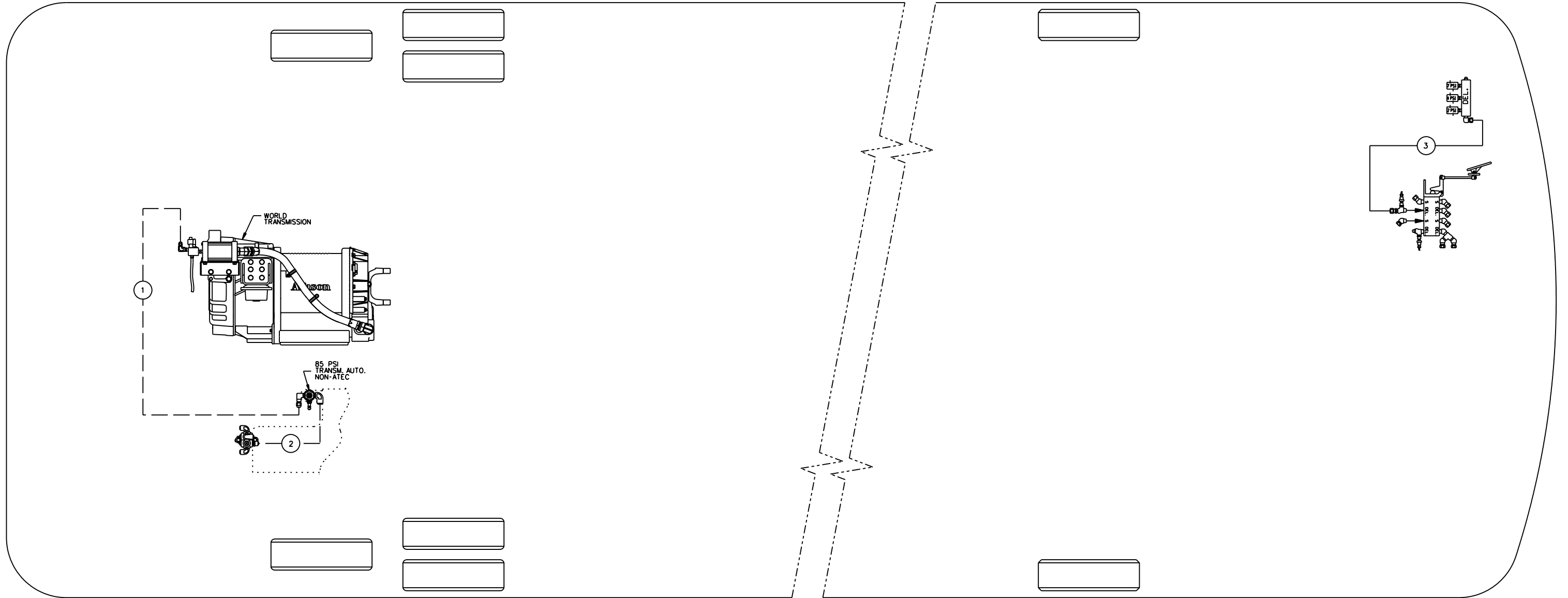
BALLOON	PIPE
*1	HOSE ASS'Y
*2	3/4" O.D. GREEN
*3	1/4" O.D. BLACK
*4	3/8" O.D. GREY

PREVOST®

DESCRIPTION: WE BUS SHELL
HALDEX AIR DRYER WITH OPTION MD13 VOLVO ENGINE

EFF. W/ VEH : #B-9954...
DATE: 2010/04
REV.: B

PAGE: D140342 P6.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
— —	BLACK	ACCESSORIES
— — —	GREEN	PRIMARY & SUPPLY

BALLOON	PIPE
*1	HOSE ASS'Y
*2	3/8" O.D. BLACK
*3	3/8" O.D. GREEN

PREVOST®

DESCRIPTION:

BUS SHELL WE COOLING 2007
WITH OUTPUT RETARDER ON WORLD TRANSMISSION

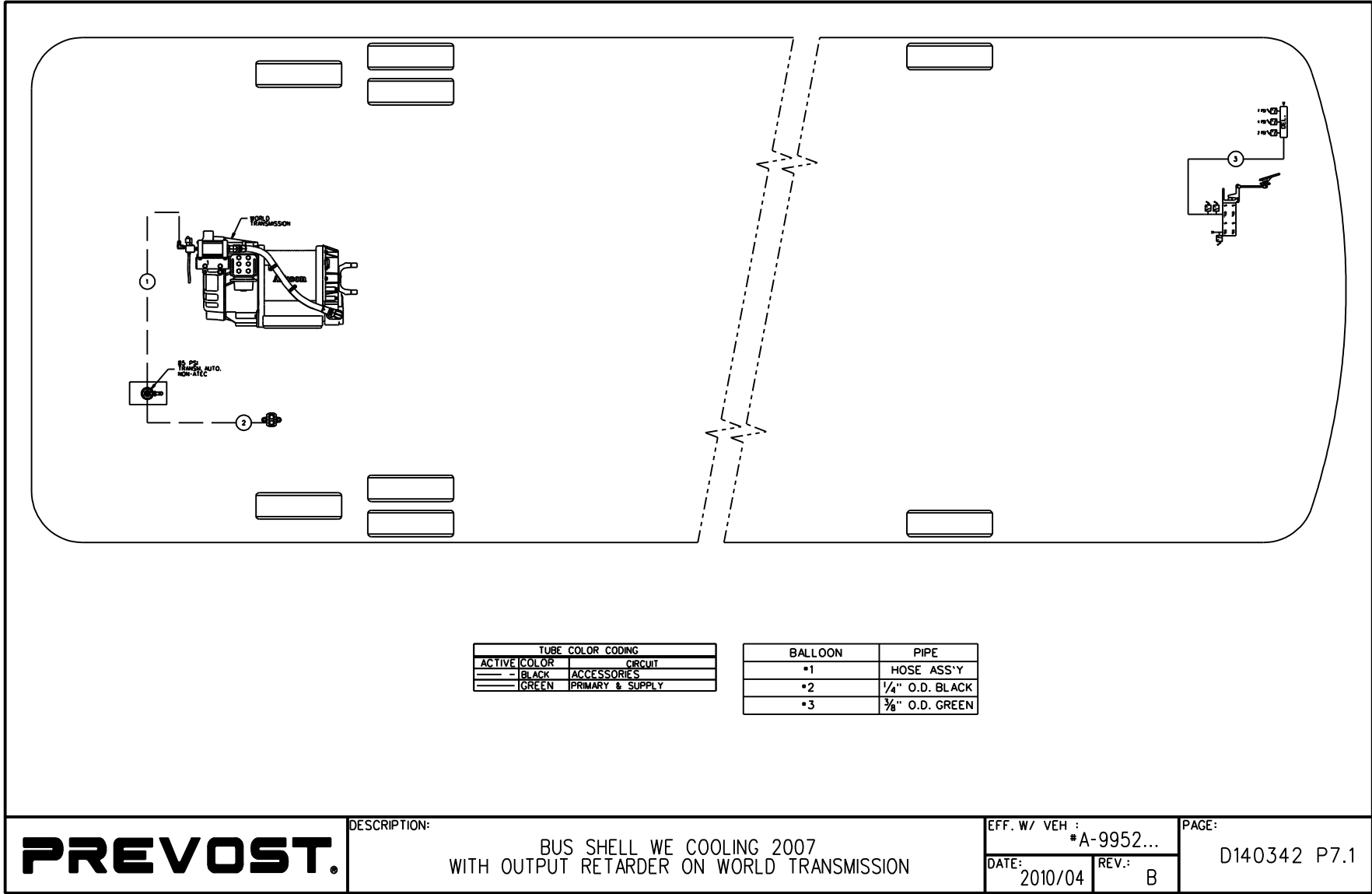
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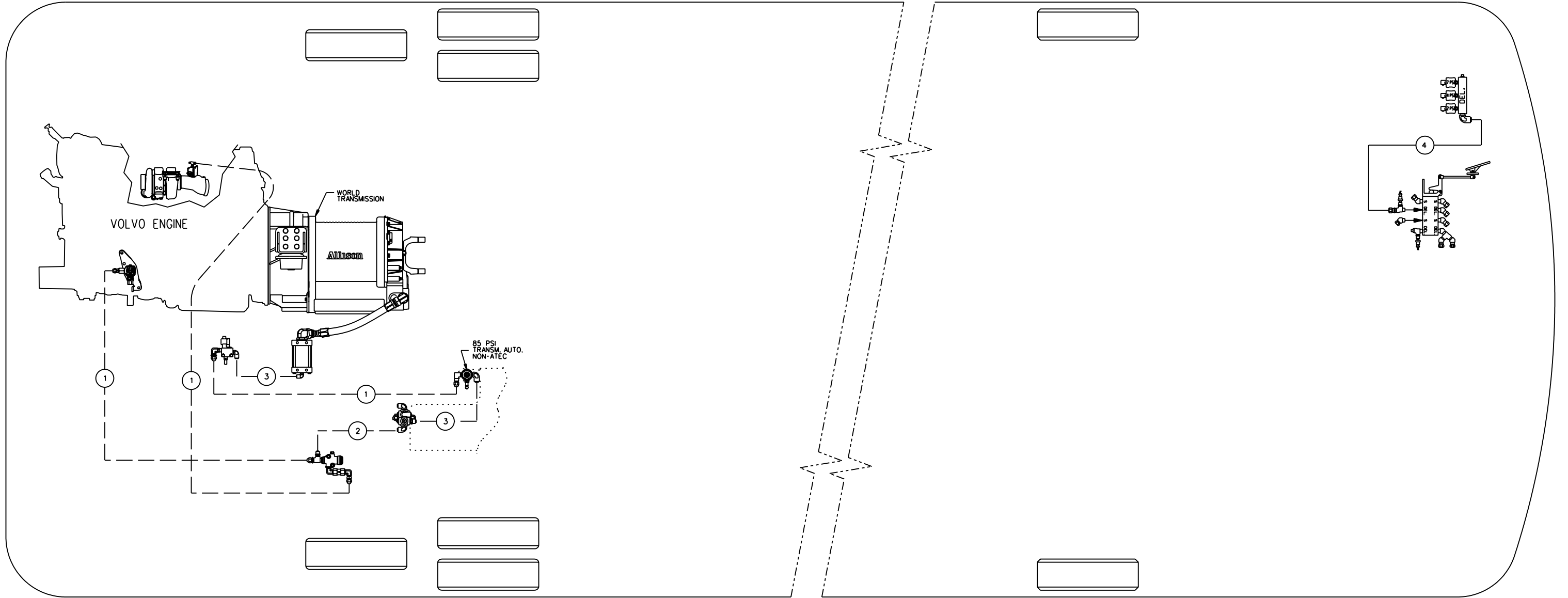
DATE: 2008/07

REV.: A

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	BLACK	ACCESSORIES
---	GREEN	PRIMARY & SUPPLY

BALLOON	PIPE
*1	HOSE ASS'Y
*2	1/4" O.D. BLACK
*3	3/8" O.D. BLACK
*4	3/8" O.D. GREEN

PREVOST®

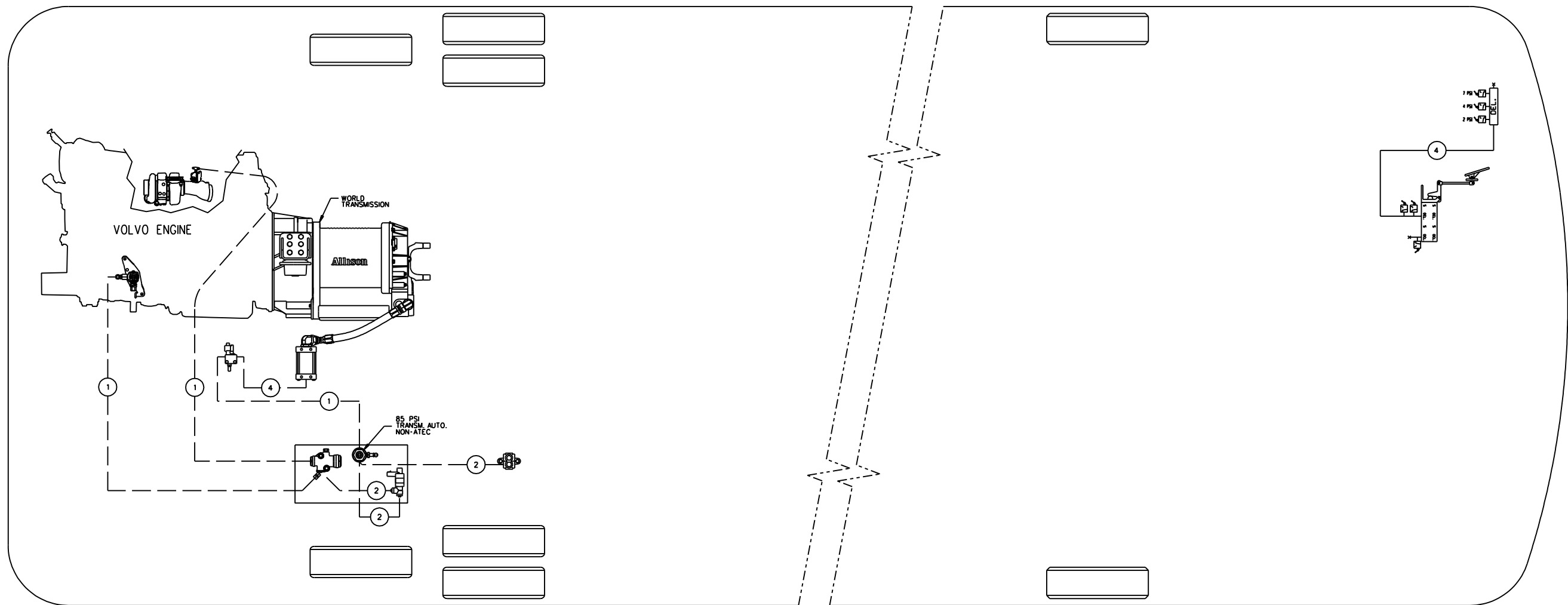
DESCRIPTION: WE BUS SHELL
WITH OPTION MD13 VOLVO ENGINE
& OUTPUT RETARDER ON WORLD TRANSMISSION

EFF. W/ VEH : #9-9096...

DATE: 2008/06

REV.: A

PAGE: D140342 P8.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	BLACK	ACCESSORIES
---	GREEN	PRIMARY & SUPPLY

BALLOON	PIPE
*1	HOSE ASS'Y
*2	1/4" O.D. BLACK
*3	3/8" O.D. BLACK
*4	3/8" O.D. GREEN

PREVOST®

DESCRIPTION:

WE BUS SHELL
WITH OPTION MD13 VOLVO ENGINE
& OUTPUT RETARDER ON WORLD TRANSMISSION

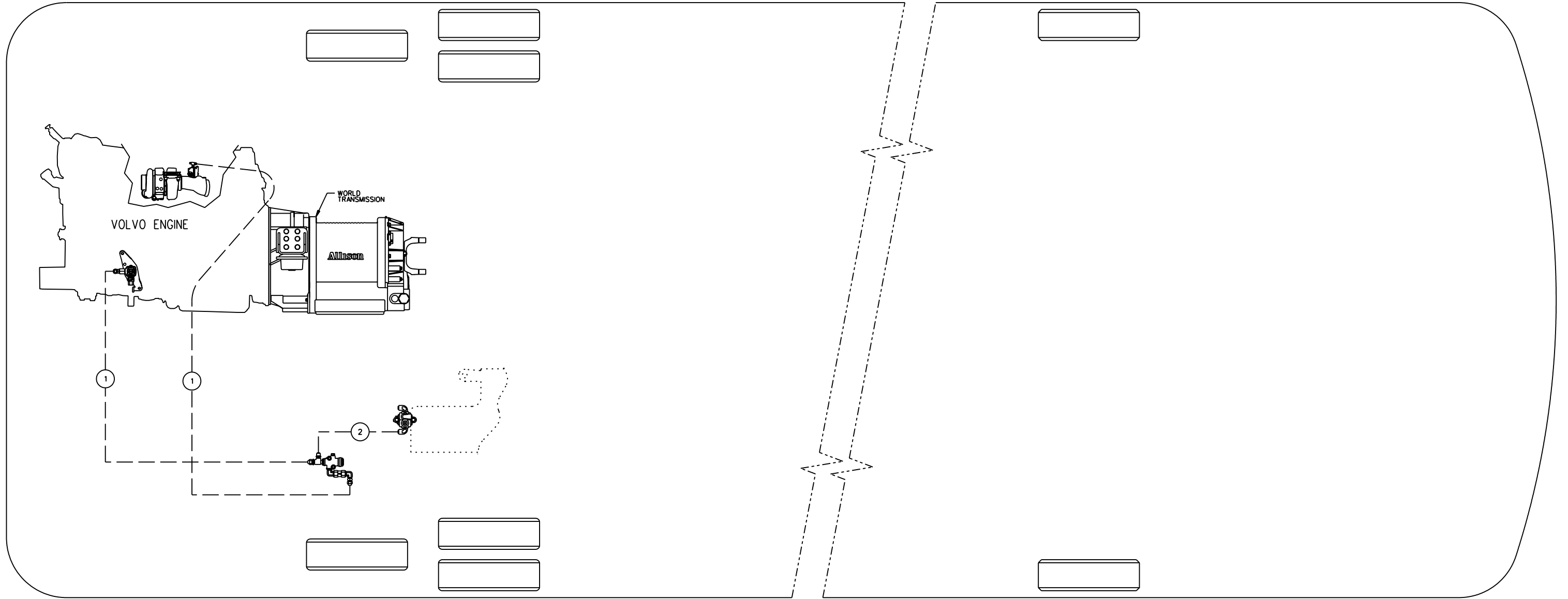
EFF. W/ VEH :
#A-9952...

DATE:
2010/04

REV.:
B

PAGE:

D140342 P8.1



TUBE COLOR CODING			
ACTIVE	COLOR	CIRCUIT	
— —	BLACK	ACCESSORIES	

BALLOON	PIPE
*1	HOSE ASS'Y
*2	1/4" O.D. BLACK

PREVOST®

DESCRIPTION:

WE BUS SHELL
WITH OPTION MD13 VOLVO ENGINE
WITHOUT OUTPUT RETARDER ON WORLD TRANSMISSION

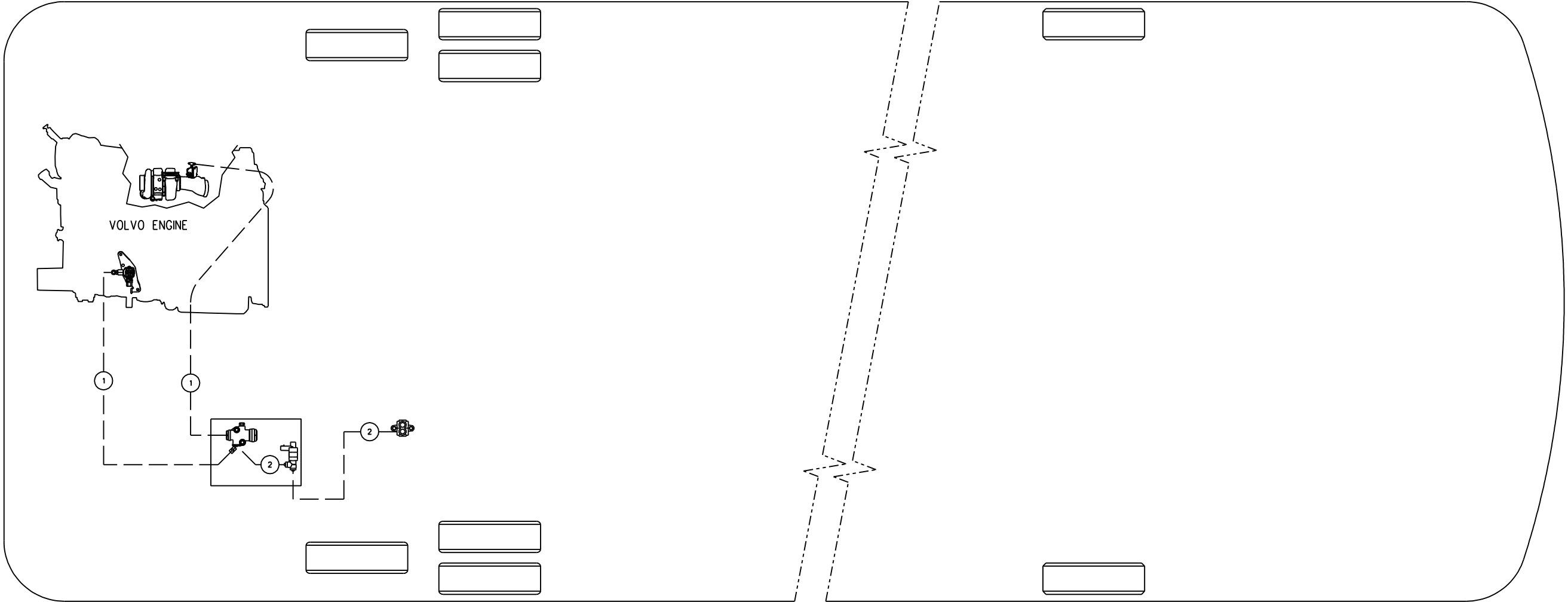
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DATE: 2008/06

REV.: A

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TUBE COLOR CODING			
ACTIVE	COLOR	CIRCUIT	
—	—	BLACK	ACCESSORIES

BALLOON	PIPE
*1	HOSE ASS'Y
*2	1/4" O.D. BLACK

PREVOST®

DESCRIPTION: WE BUS SHELL
WITH OPTION MD13 VOLVO ENGINE
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EFF. W/ VEH : #A-9952...
DATE: 2010/04
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