

Pneumatic diagram

PNEUMATIC DIAGRAMS VIP BUS SHELL WITH INDEPENDENT SUSPENSION SYSTEM

NO:	D140355 P0	REVISION :	J
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EFF. OC#	2006038 2005002	PRIOR TO OC#	2009088
EFF. VEH#	#7-0942	PRIOR TO VEH#	#A-1653...

DR.	Robert Bouillon	date	2010-01-22
CHK	Marc-Jose Handfield	appr	Marc-José Handfield

REV.	DATE	DESCRIPTION	PAGE	BY	CHK.	APPR.
A	2006-10-02	#7-0730 VIP PROTOTYPE VEHICLE , ESP ADVANCED WITH AIR BRAKE ON TRAILER HITCH				
	2007-04-25	#7-0942 VIP PRODUCTION VEHICLE NOTE : AIR BRAKE SYSTEM ABS 6 WITH AIR BRAKE ON TRAILER HITCH NOT AVAILABLE.				
B	2008-01-31	#8-1430 VIP PRODUCTION VEHICLE WITH FOUR SLIDE-OUT (NEW) 3 Préliminary Veh. #8-1244 , #8-1332 , #8-1394	7	S.G.	Rob.	M.J.H.
	2008-01-31	#D140355 p.2 Revision B , Update	2	Rob.	Rob.	M.J.H.
	2008-01-31	#D140355 p.3 Revision B , Update	3	Rob.	Rob.	M.J.H.
	2008-01-31	#D140355 p.6 Revision B , Update	6	Rob.	Rob.	M.J.H.
C	2007-10-31	#7-1017 VIP PRODUCTION VEHICLE WITH NEW PINK TANK	1, 1.1,1.2,1.3 1.4	Rob.	Rob.	M.J.H.
D	2008-03-27	TRIPLICATE SLIDE OUT OPTION CONFIGURATION : #D140355 P.6 REVISION : C #D140355 P.8 New page , Revision : A	P 6 & 6.1 P 8 & 8.1	Rob. Rob.	Rob. Rob.	M.J.H. M.J.H.
E	2008-03-31	#D140355P3, Rev C, Update	3 & 3.1	Y.L.	Y.L.	M.J.H.
F	2008-09-11	#D140355SP2 Update special air horn Volvo , New face lift VIP	P2 &2.1	Rob.	Rob.	M.J.H.
G	2009-01-20	#D140355P3 Rev C , OC#2008107 #D140355SP2 Revision C	P3 & 3.1 SP2 & SP2,1	Rob. Rob.	Rob. Rob.	M.J.H. M.J.H.
H	2009-05-18	#D140355P.1,2,4,5,6,7,8, UPDATE OC#2007032		Rob.	Rob.	M.J.H.
I	2009-11-26	#D140355SP3 NEW Special Liberty Coach , add air horn Bendix box.	SP3 & SP3,1	Rob.	Rob.	M.J.H.
J	2010-01-22	#D140355P9 NEW 7e injector Volvo engine	P9 & P9.1	Y.L.	Y.L.	M.J.H.

Pneumatic diagram

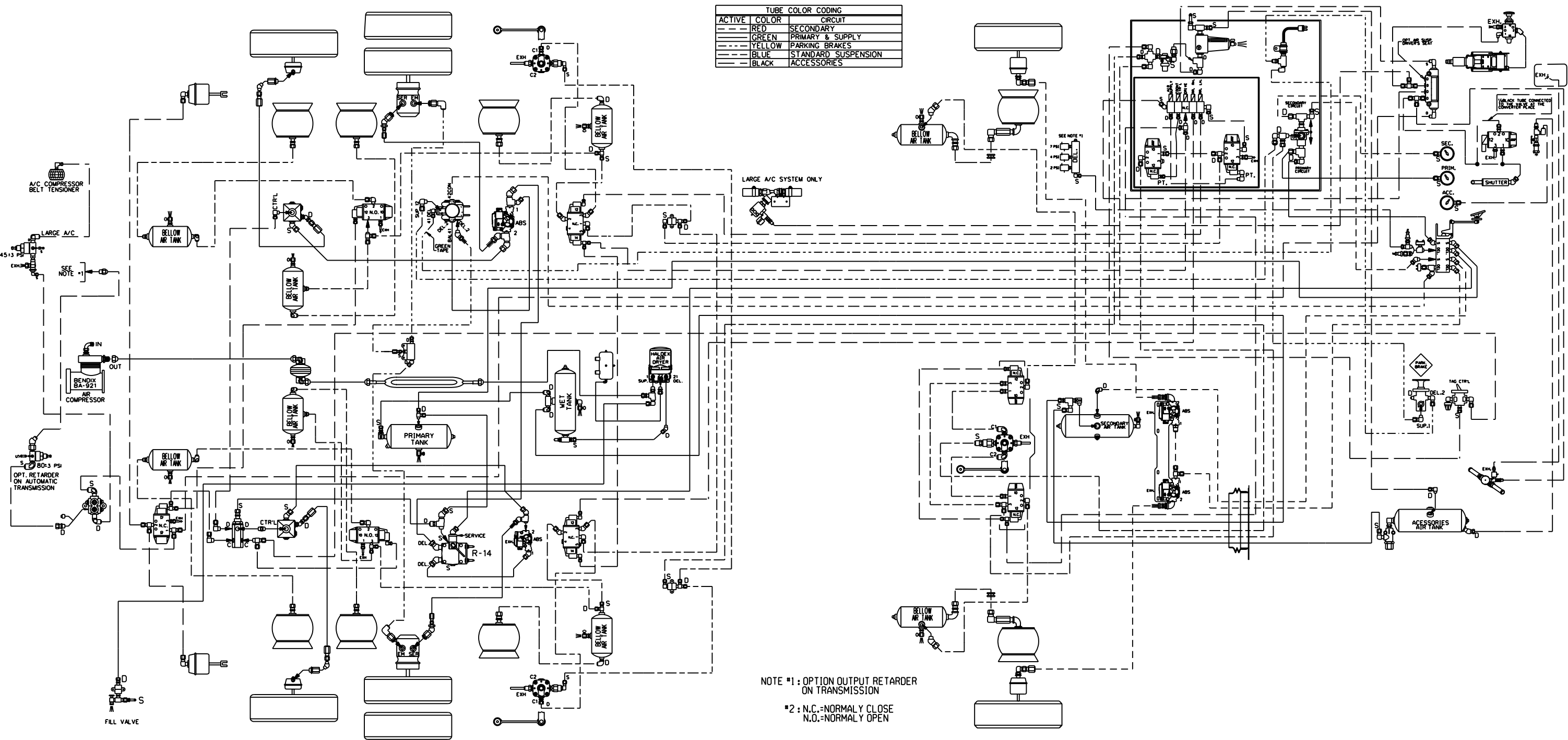
PNEUMATIC DIAGRAMS VIP BUS SHELL WITH INDEPENDENT SUSPENSION SYSTEM

PRODUCTION NUMBER	REV	EFF. VEH.	ECN	S.A.V. NUMBER	REV	DESCRIPTION
D140355P1.0	A	#7-0942 ...	2006038	D140355P1.1	C	FULL PNEUMATIC ABS 6 AIR BRAKE SYSTEM (WITH STD LEVEL-LOW FINGER TIP SUSPENSION)
	B	#7-1017...	2007062	D140355P1.2	C	ACCESSORIES
	C	#9-1481...	2007032	D140355P1.3	C	BRAKES SYSTEM
				D140355P1.4	C	SUSPENSION
D140355P2.0	A	#7-0942	2006038	D140355P2.1	A	AIR BRAKE SYSTEM ESP OPTION
	B				B	
	C	#9-1841	2007032		C	
D140355P3.0	A	#7-0730 ,	2006038	D140355P3.1	A	AIR BRAKE SYSTEM ESP OPTION WITH AIR BRAKE ON TRAILER
	B	#7-0944...			B	HITCH OPTION. (Preliminary Veh. #7-0730)
	C				C	
	D	#9-1499	2008107		D	
D140355P4.0	A	#7-0942	2006038	D140355P4.1	A	WITH FRONT SINGLE SLIDE OUT OPTION,LEFT SIDE
	B	#9-1481	2007032		B	
D140355P5.0	A	#7-0730	2006038	D140355P5.1	A	WITH DOUBLE SLIDE OUT LEFT SIDE , FRONT AND REAR.
	B	#9-1481	2007032		B	SMALL OR LARGE SIZE REAR CAISSON POSSIBILITY OPTION.
D140355P6.0	A	#8-1071	2006038	D140355P6.1	A	WITH TRIPPLICATE SLIDE OUT , LEFT SIDE FRONT AND REAR ,
	B		2005062		B	RIGHT SIDE REAR. (Preliminary Veh. #7-0944, #7-0989)
	C	#8-1415	2008011		C	SMALL OR LARGE SIZE REAR CAISSON POSSIBILITY OPTION
	D	#9-1481	2007032		D	
D140355P7.0	A	#8-1415	2005063	D140355P7.1	A	WITH QUADRUPLE SLIDE OUT , LEFT SIDE FRONT AND REAR ,
	B	#9-1481	2007032		B	RIGHT SIDE FRONT AND REAR. (Preliminary Veh. #8-1244, #8-1332 , #8-1394)
						SMALL OR LARGE SIZE REAR CAISSON POSSIBILITY OPTION
D140355P8.0	A	#8-1415	2008011	D140355P8.1	A	WITH TRIPPLICATE SLIDE OUT , LEFT SIDE FRONT AND REAR ,
	B	#9-1481	2007032		B	RIGHT SIDE FRONT.
						SMALL OR LARGE SIZE REAR CAISSON POSSIBILITY OPTION
D140355P9.0	A	#A-1653		D140355P9.1	A	VOLVO ENGINE SOLENOID 7 th INJECTOR
D140355SP1.0	A	#7-0942	2006038	D140355SP1.1	A	“SPECIAL” WITH EXTRA AIR TANK ADDED TO FRONT SUSPENSION (First application #6-0353)

Pneumatic diagram

PNEUMATIC DIAGRAMS VIP BUS SHELL WITH INDEPENDENT SUSPENSION SYSTEM

D140355SP2.0	A B C	#7-0942 #9-1481 #9-1499	2006038 2007032 2008107	D140355SP2.1	A B C	“SPECIAL” WITH AIR HORN ADDED (First application #8-0868) (Preliminary New Face Lift VIP # 9-1411)
D140355SP3.0	A	#A-1607		D140355SP3.1	A	“SPECIAL” WITH AIR HORN BENDIX BOX AND SOLENOID CONTROL ADDED. (First application #A-1607 Liberty Coach Inc.)



PREVOST.

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
-FULL PNEUMATIC ABS 6 BASIC SYSTEM-

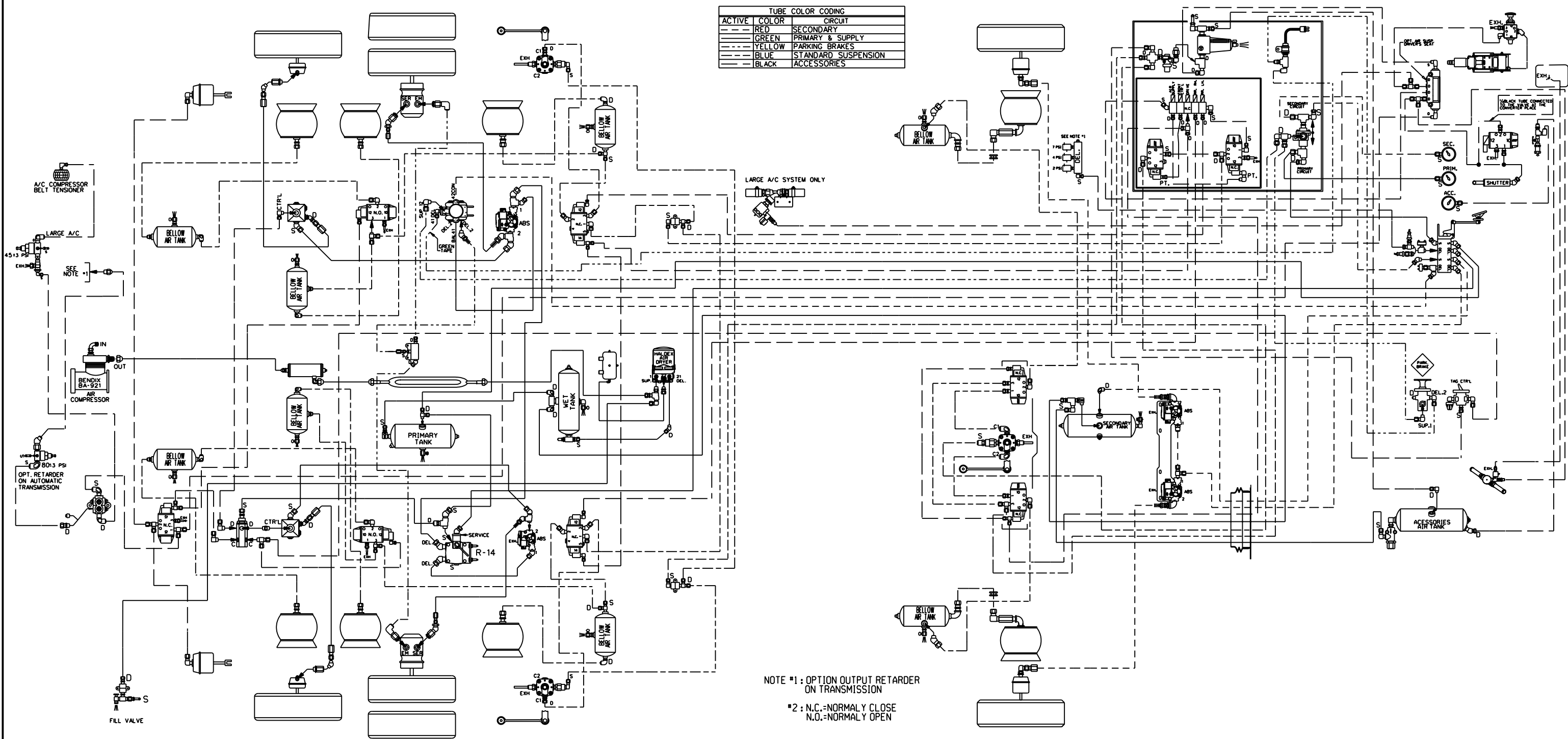
EFF. W/ VEH : #7-0942...

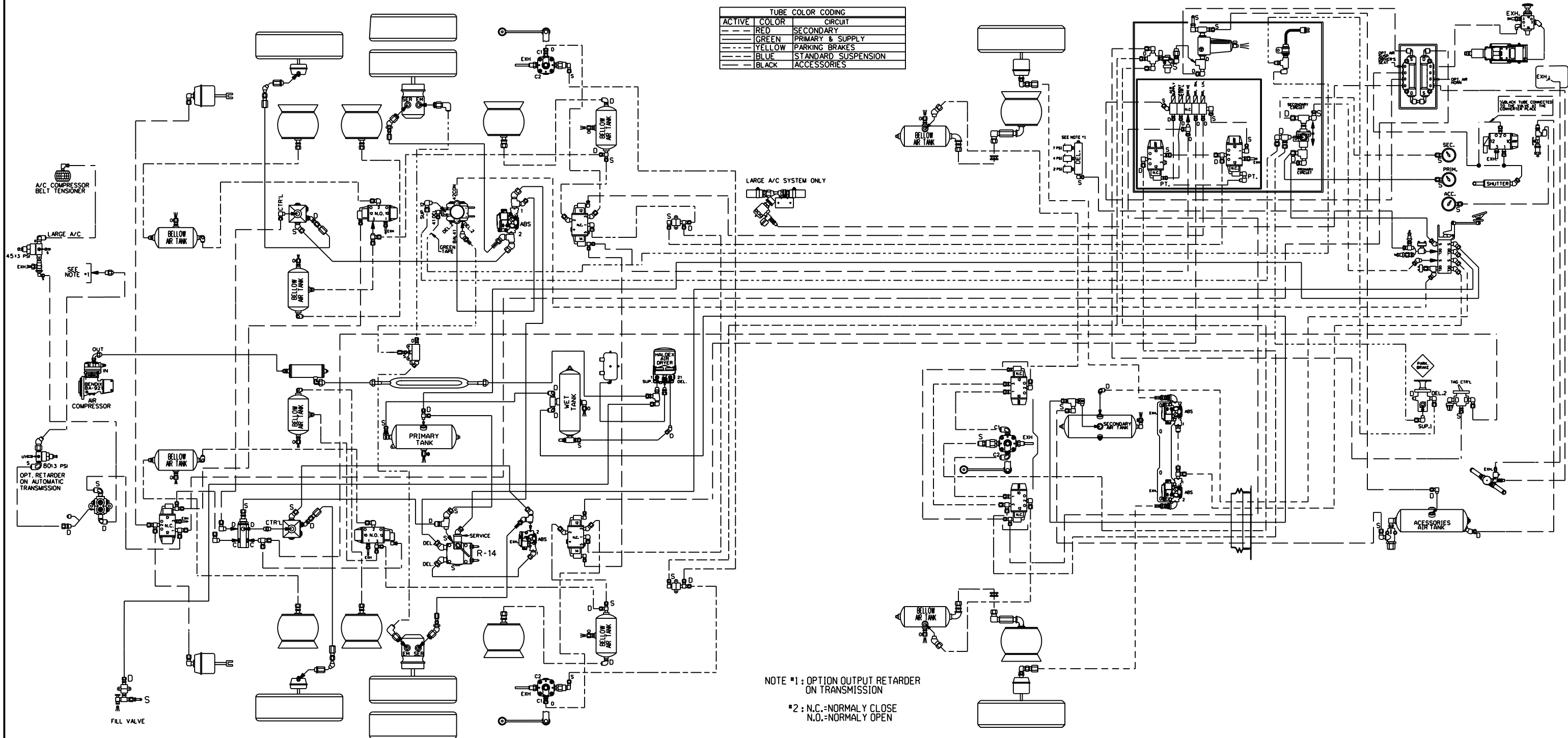
DATE:
2007/05

REV.:
A

PAGE:

D140355 P1.1





PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
-FULL PNEUMATIC ABS 6 SYSTEM-

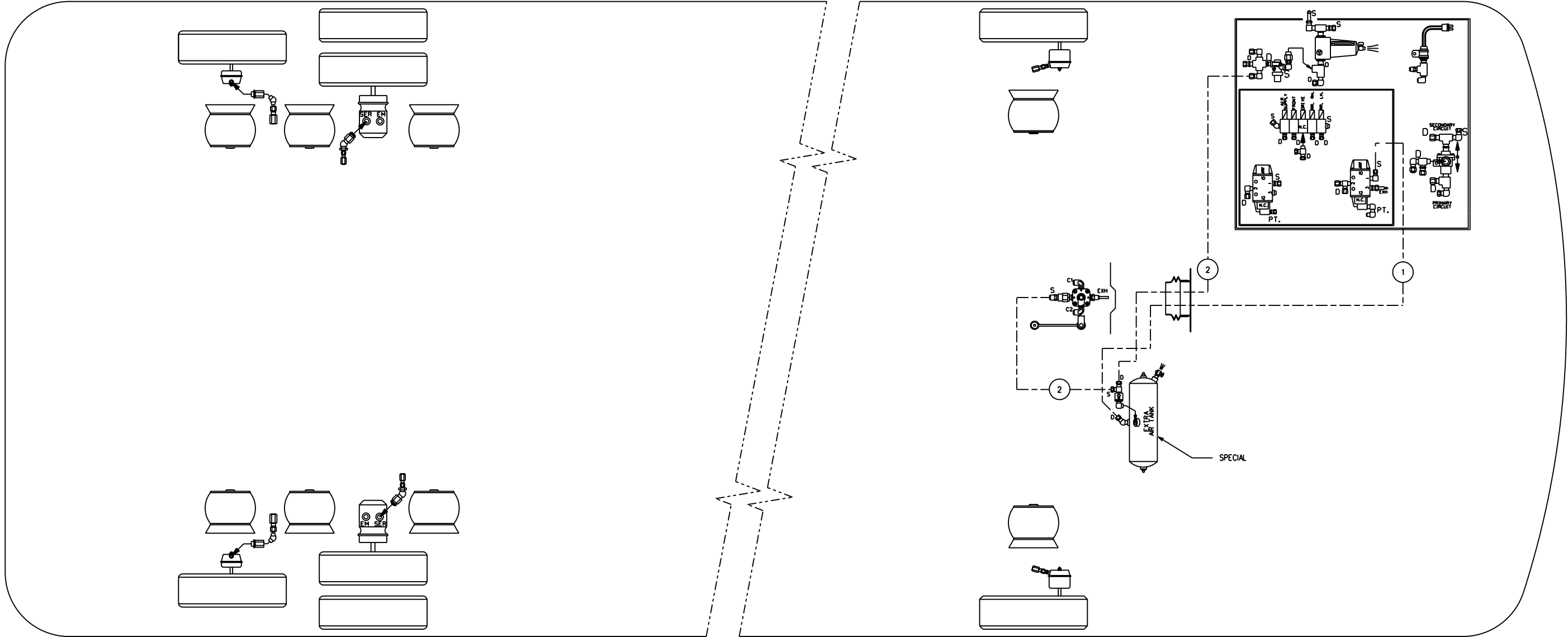
EFF. W/ VEH : #7-1026...

DATE:
2009/05

REV.:
C

PAGE:

D140355 P1.1



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

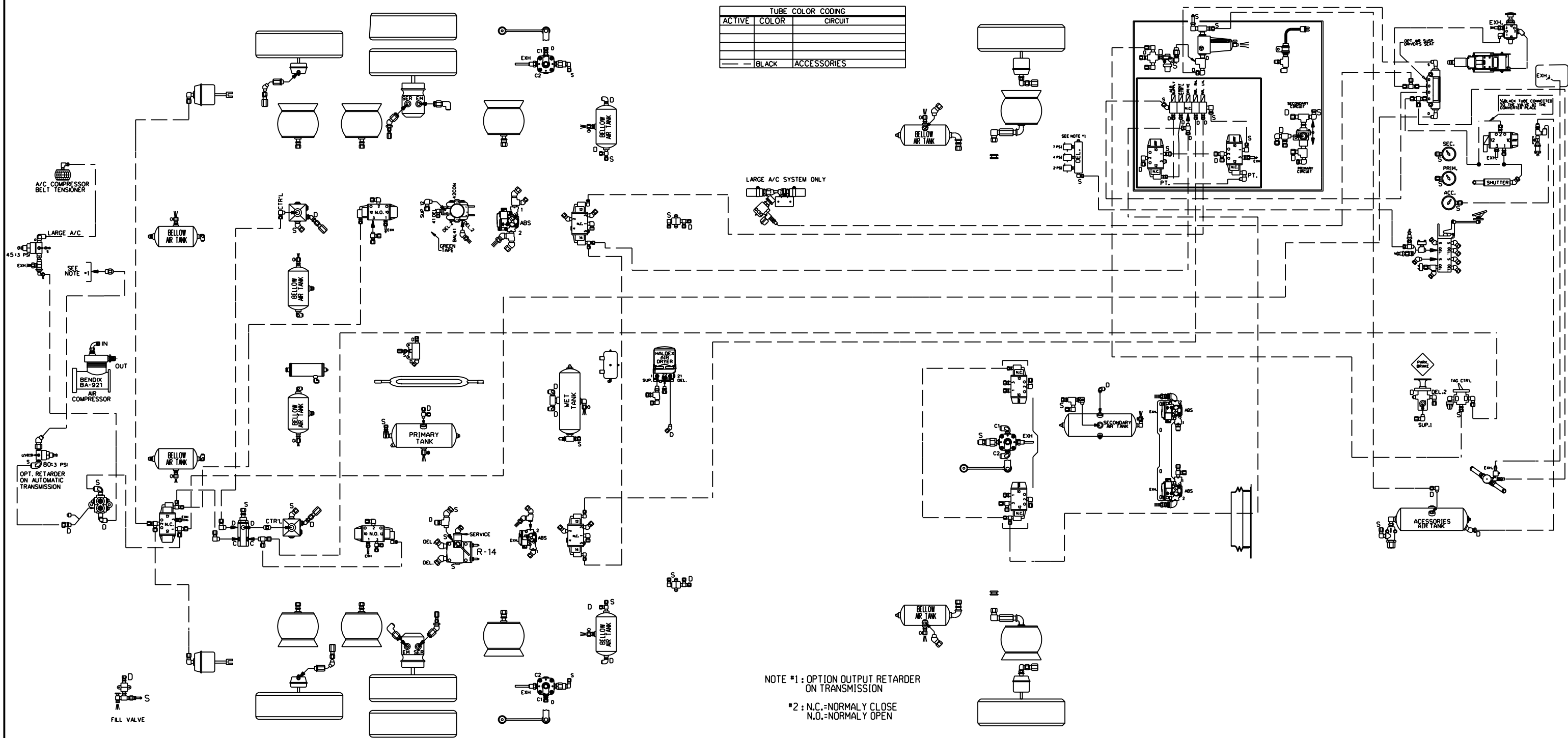
BALLOON	PIPE
*1	1/2" O.D. BLUE
*2	3/8" O.D. BLUE

PREVOST®

DESCRIPTION: VIP, ENGINE 2007 WITH INDEPENDENT SUSPENSION SYSTEM
SPECIAL WITH EXTRA AIR TANK ADDED TO
FRONT SUSPENSION

EFF. W/ VEH : #6-0353...
DATE: 2007/05
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DESCRIPTION:

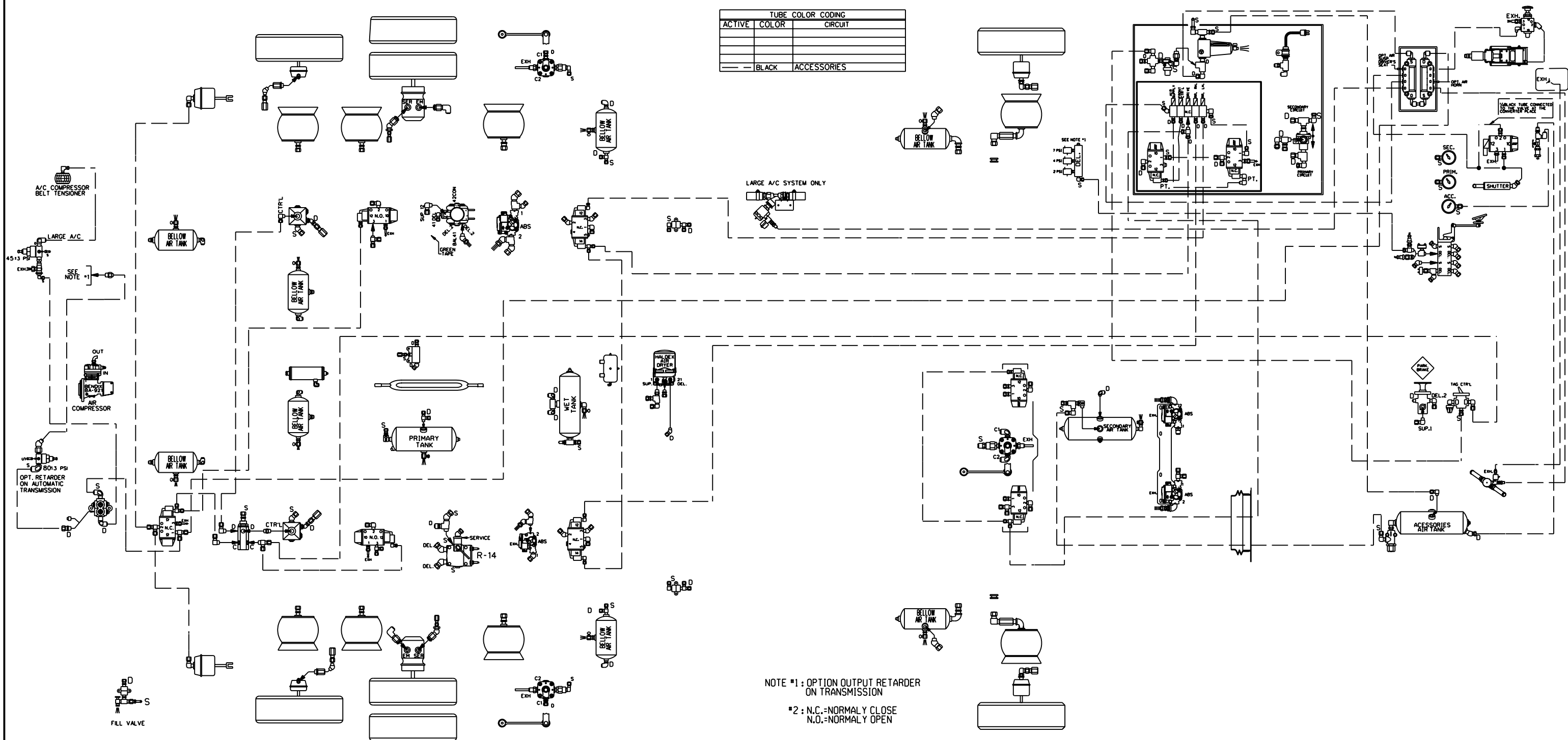
VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
-ACCESSORIES-

EFF. W/ VEH :
#7-1017...

DATE: 2007/10

REV.: B

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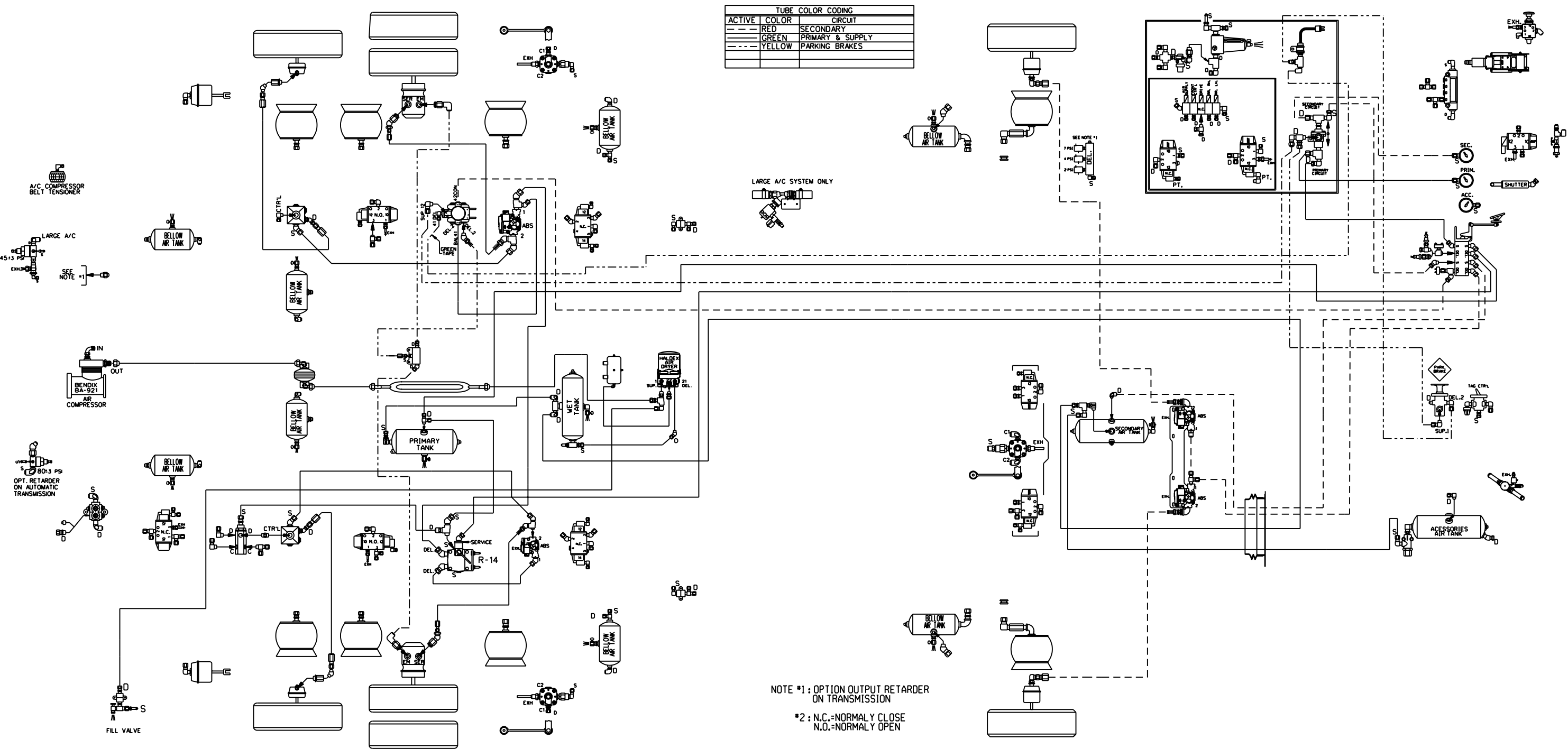
PREVOST®

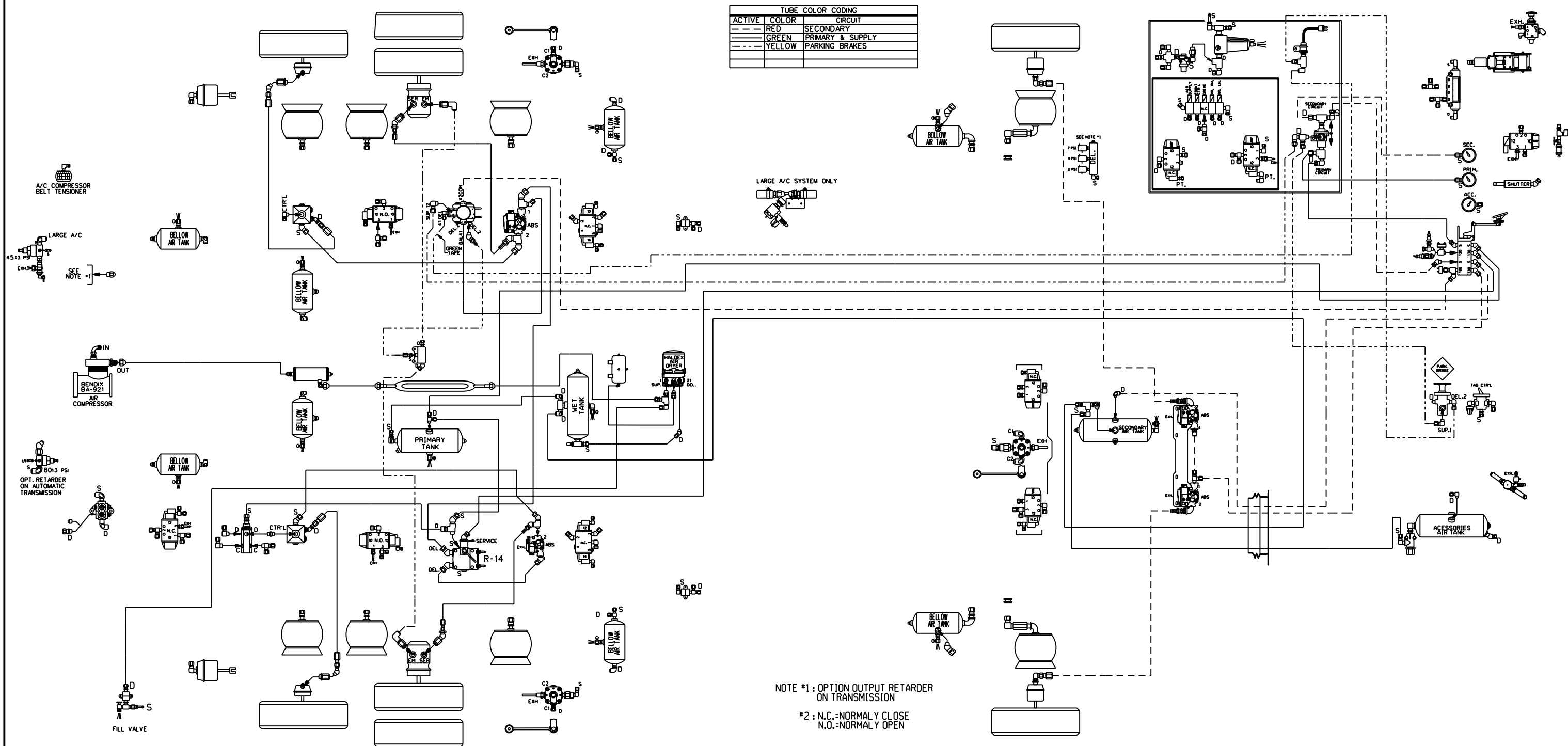
DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
-ACCESSORIES-

EFF. W/ VEH :
#7-1017...
DATE: 2009/05
REV.: C

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D140355 P1.2





PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION
AIR BRAKES ABS 6 BRAKE SYSTEM

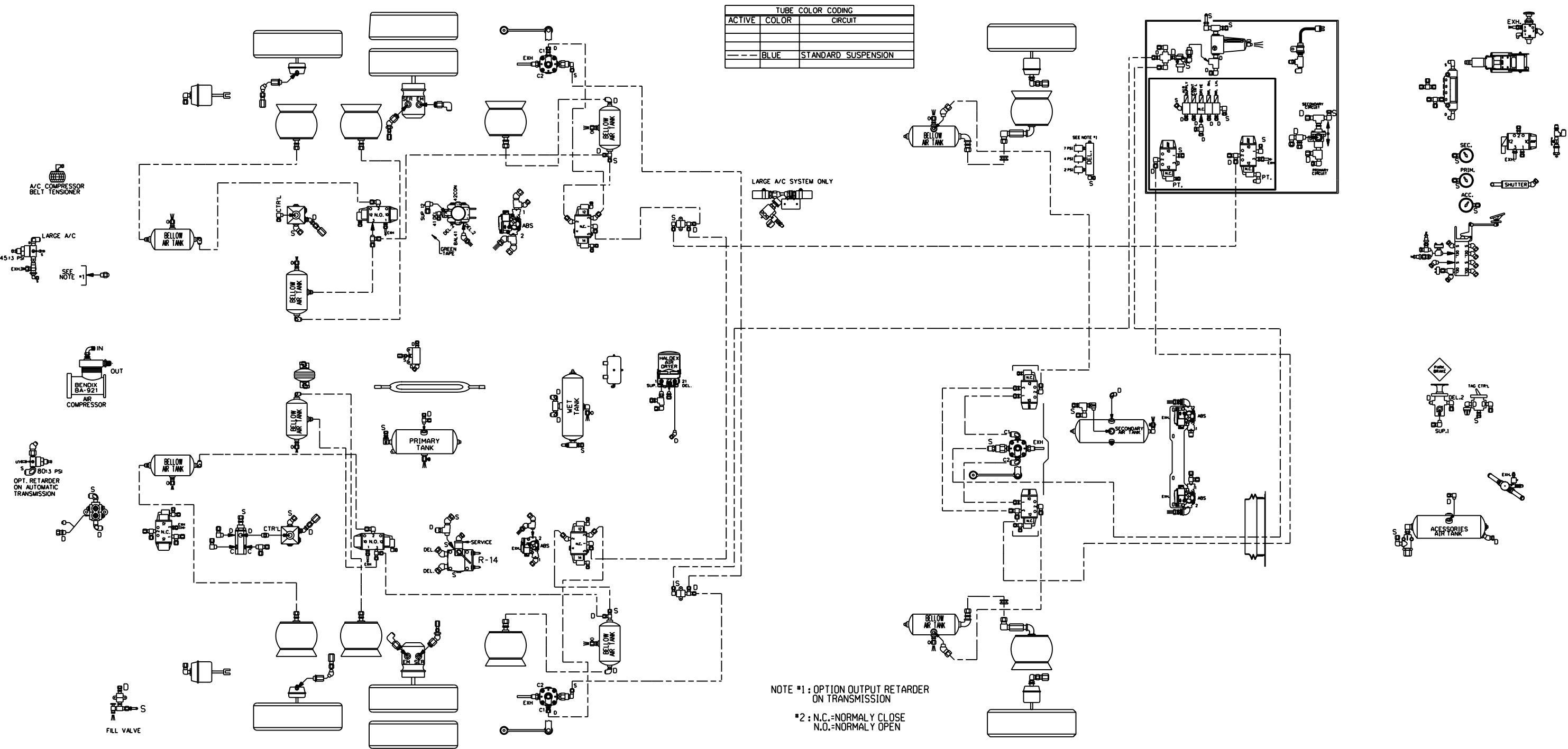
EFF. W/ VEH : #7-1017...

DATE:
2007/10

REV.:
B

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PREVOST.

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
-STANDARD SUSPENSION-

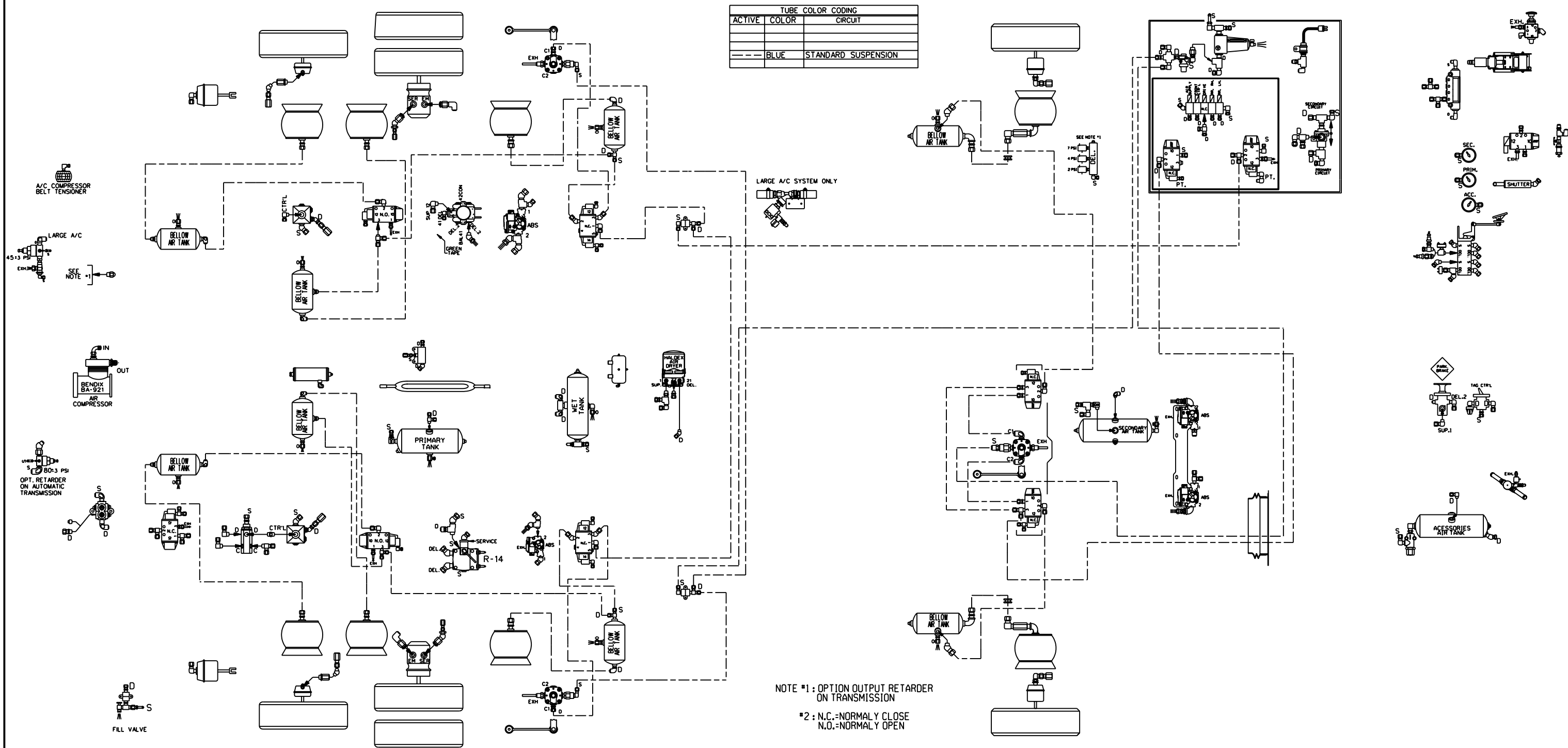
EFF. W/ VEH : #7-0942...

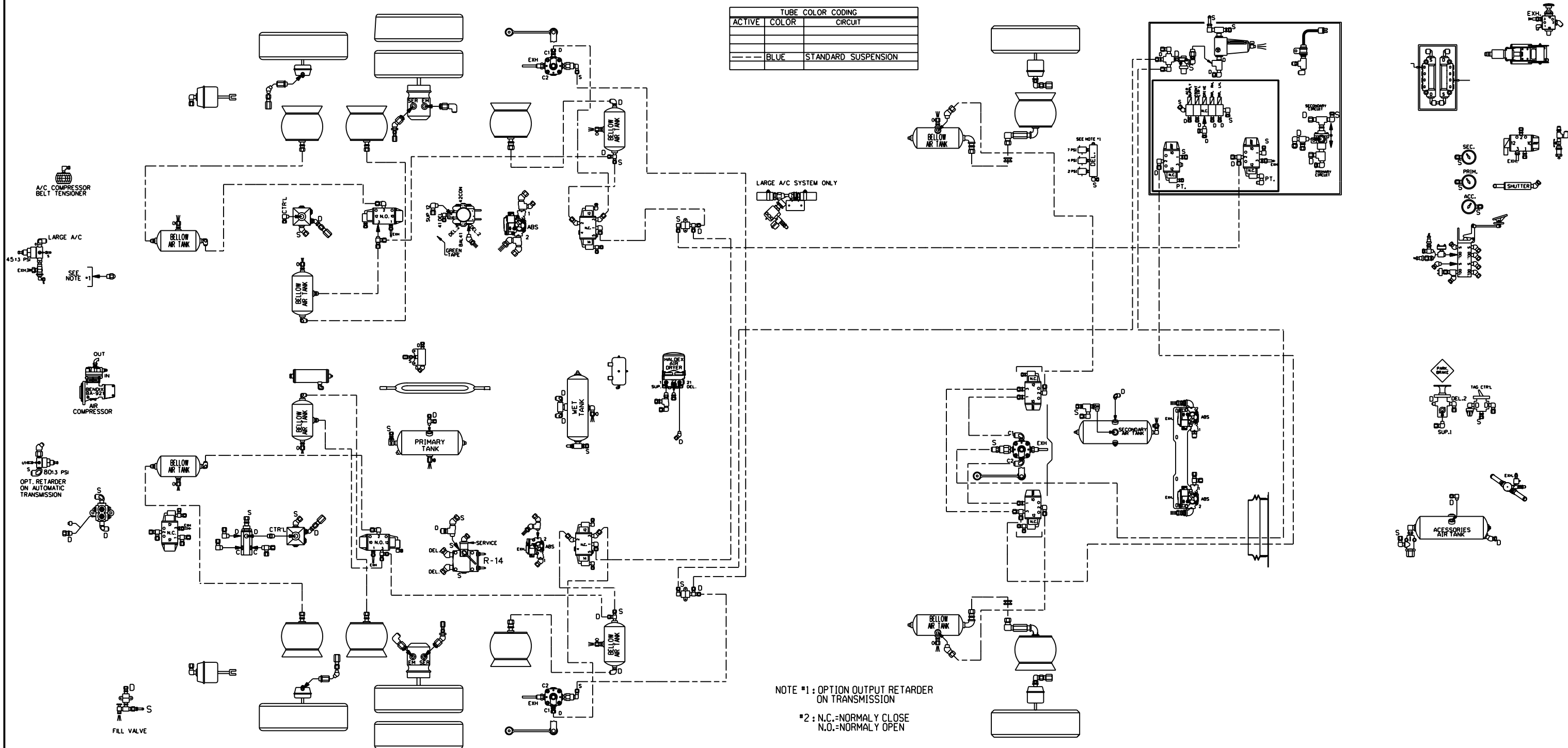
DATE:
2007/05

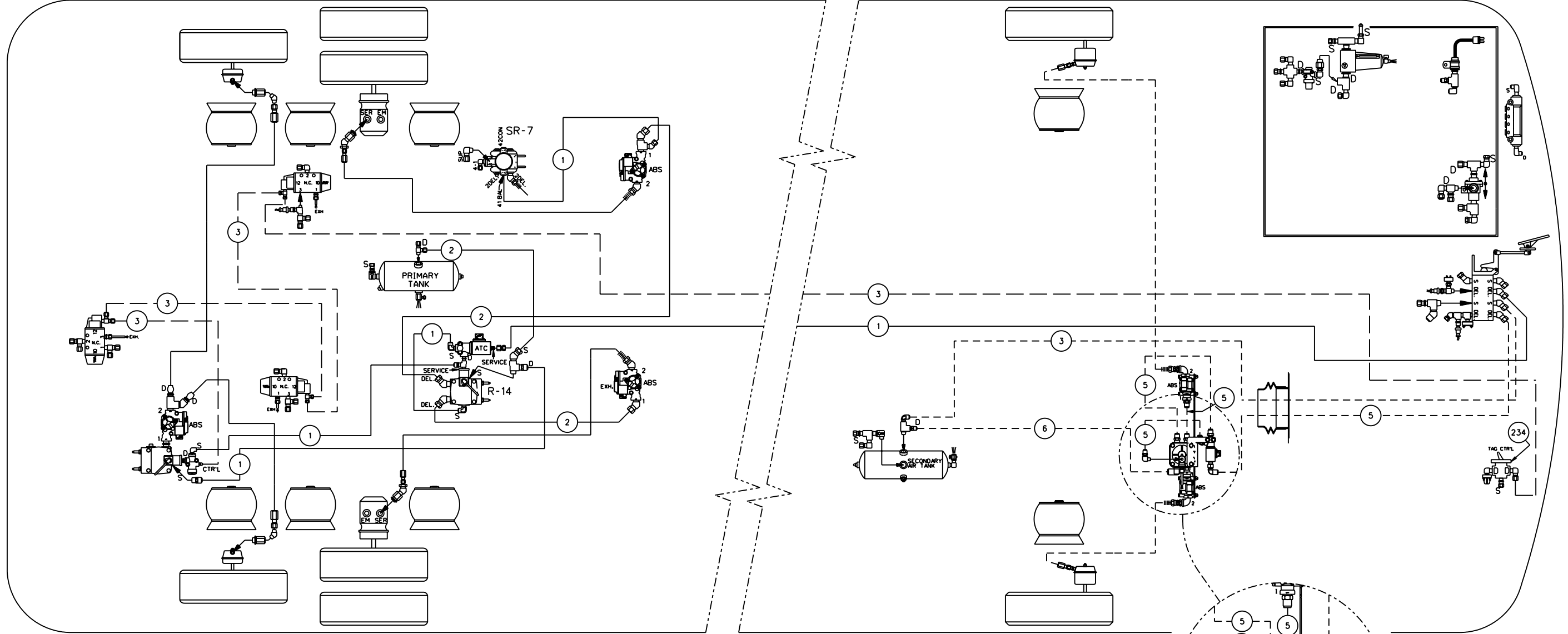
REV.:
A

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

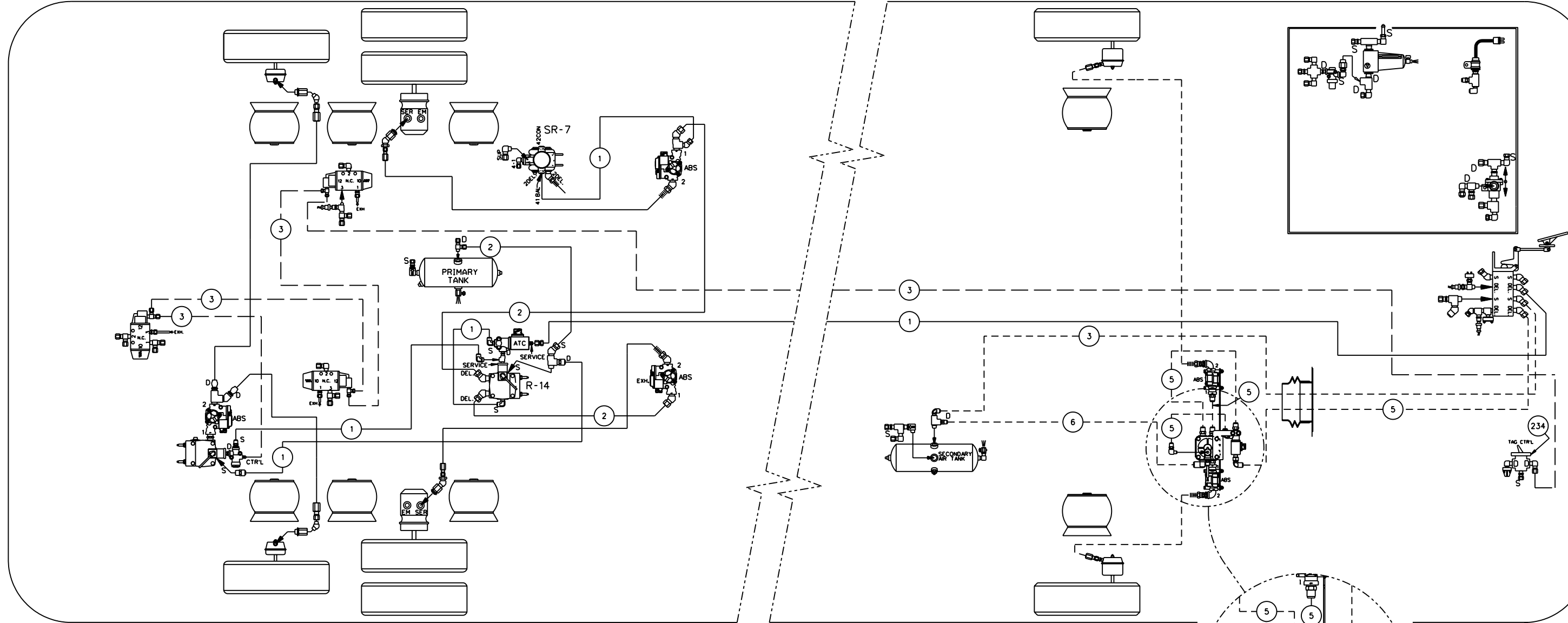
BALLOON	PIPE
#1	3/8" O.D. GREEN
#2	5/8" O.D. GREEN
#3	1/4" O.D. BLACK
#4	3/8" O.D. RED
#5	1/2" O.D. RED
#6	5/8" O.D. RED

PREVOST®

DESCRIPTION:
VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
WITH ABS 6, ADVANCED OPTION

EFF. W/ VEH : #7-0942...
DATE: 2007/05
REV.: A

PAGE:
D140355 P2.1



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

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

PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
WITH AIR BRAKE SYSTEM ESP OPTION

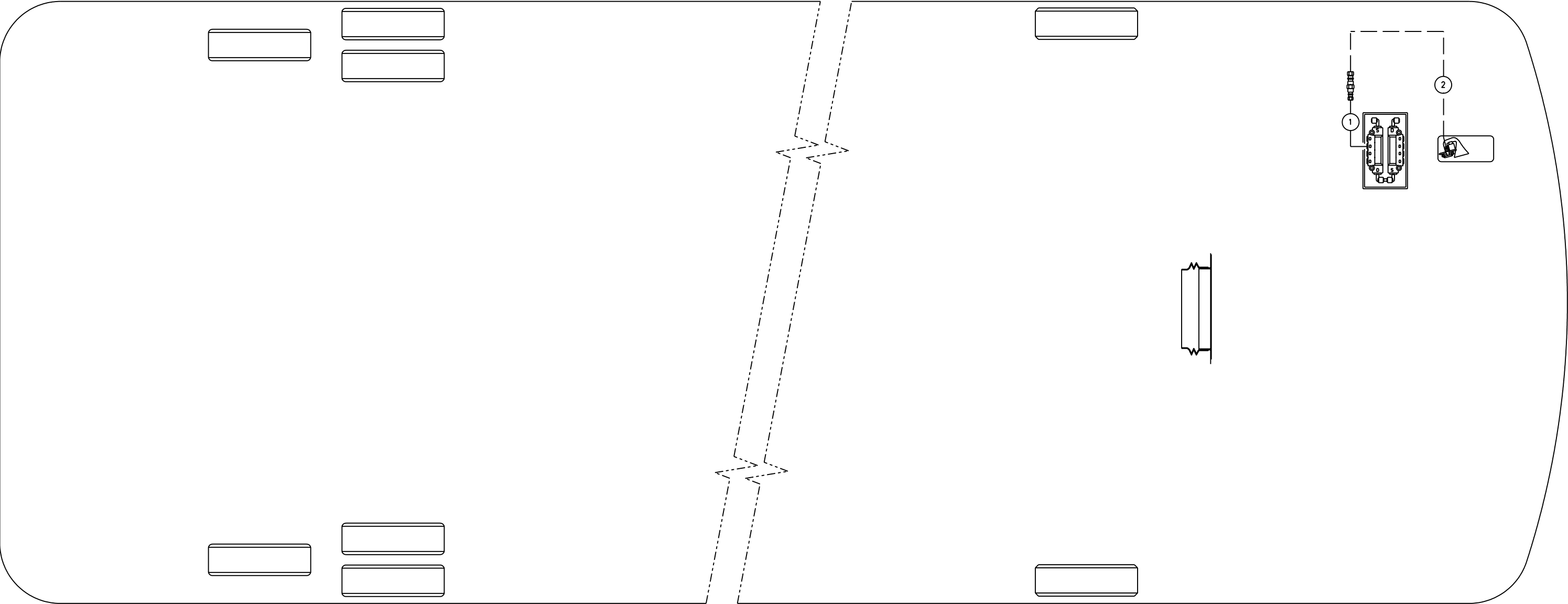
EFF. W/ VEH : #7-0942...

DATE: 2009/05

REV.: C

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
— —	BLACK	ACCESSORIES

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

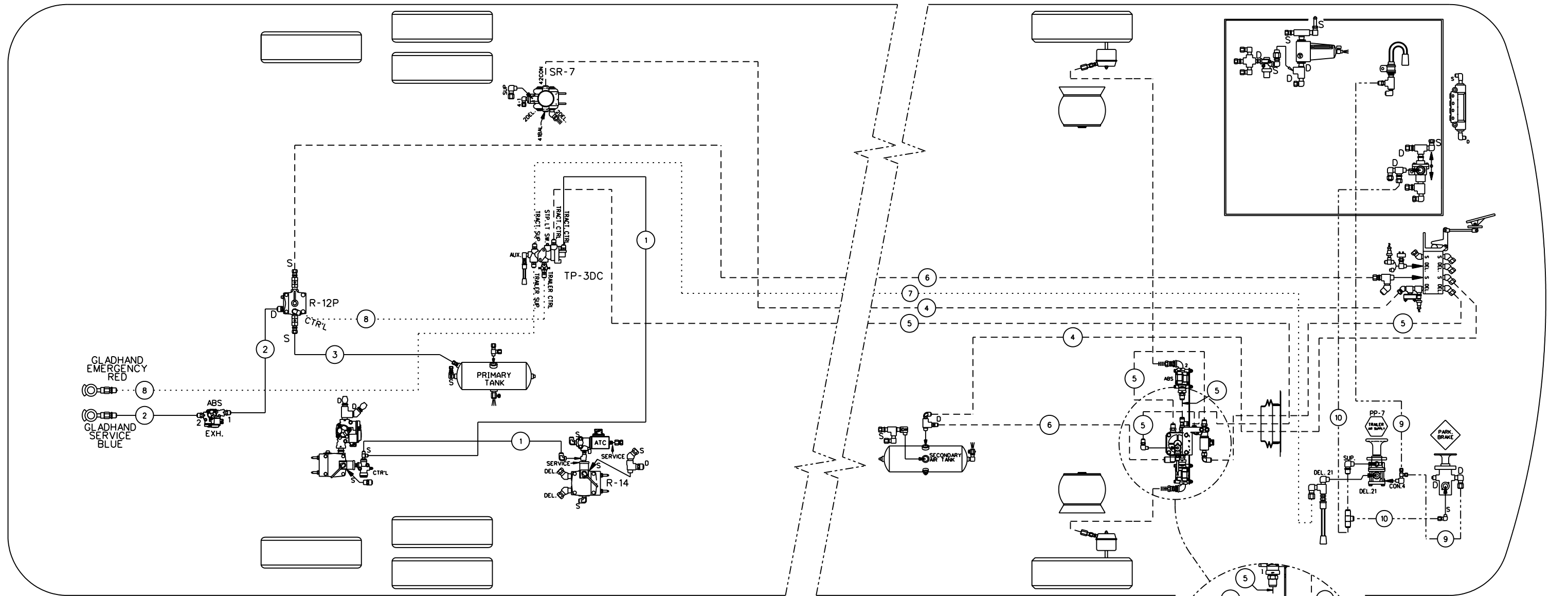
PREVOST®

DESCRIPTION:

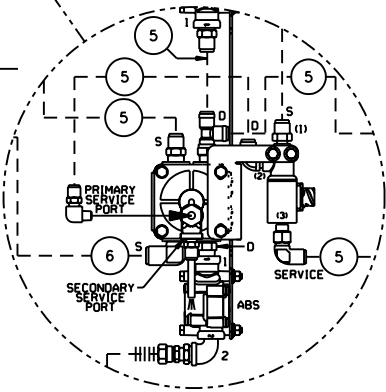
VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
SPECIAL WITH AIR HORN ADDED

EFF. W/ VEH : #9-1386	
DATE: 2009/01	REV.: C

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D140355 SP2.1



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



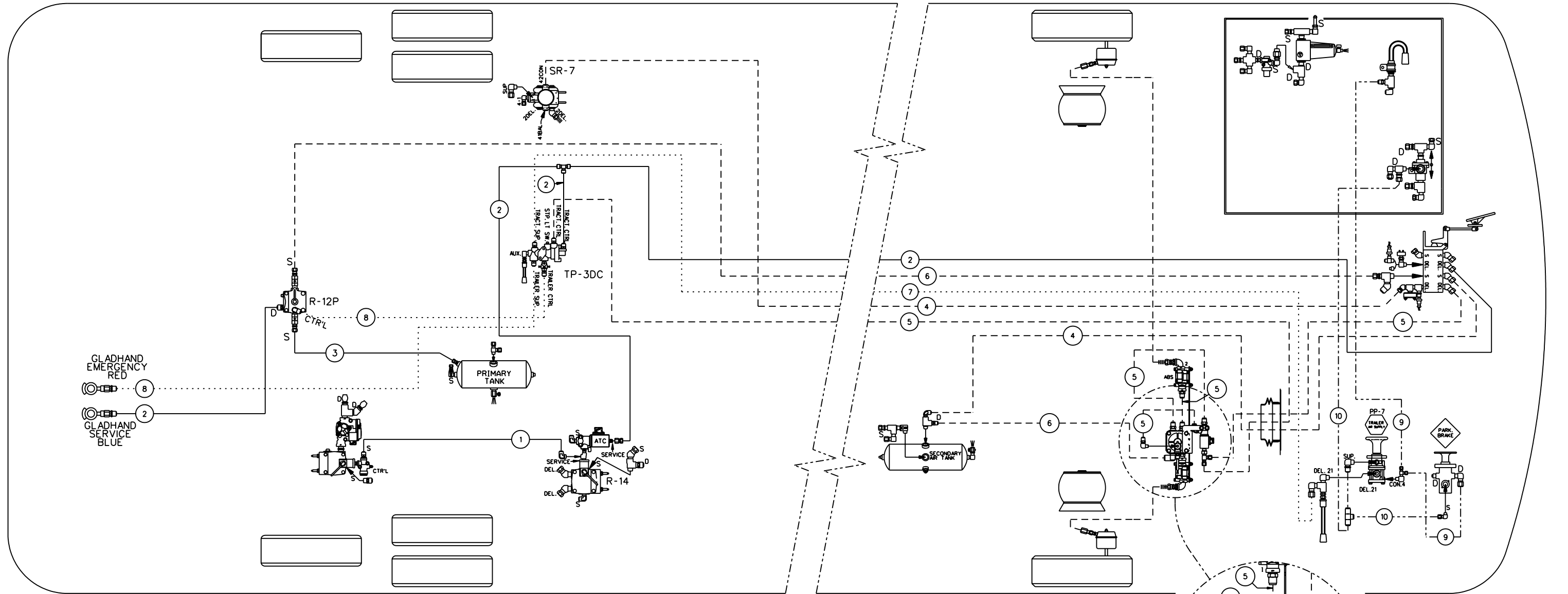
TUBE COLOR CODING	
ACTIVE	CIRCUIT
---	RED SECONDARY
---	GREEN PRIMARY & SUPPLY
---	YELLOW PARKING BRAKE
---	BLACK ACCESSORIES
.....	BROWN TRAILER

PREVOST®

DESCRIPTION: VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
WITH AIR BRAKES TRAILER HITCH &
ESP OPTIONS

EFF. W/ VEH : #7-0944...
DATE: 2008/03
REV.: C

PAGE:
D140355 P3.1



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

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

PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
WITH AIR BRAKES TRAILER HITCH &
ESP OPTIONS

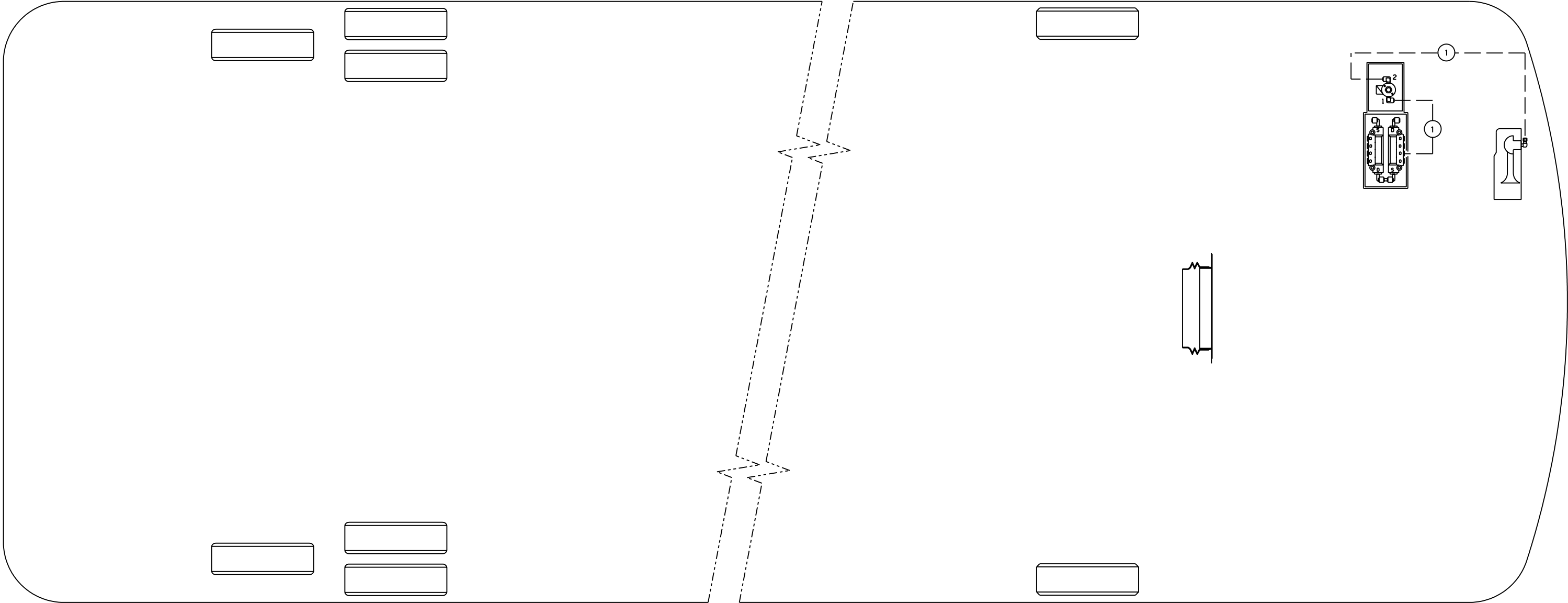
EFF. W/ VEH : #9-1499...

DATE: 2008/12

REV.: D

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D140355 P3.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	BLACK	ACCESSORIES

BALLOON	PIPE
*1	1/4" O.D. BLACK

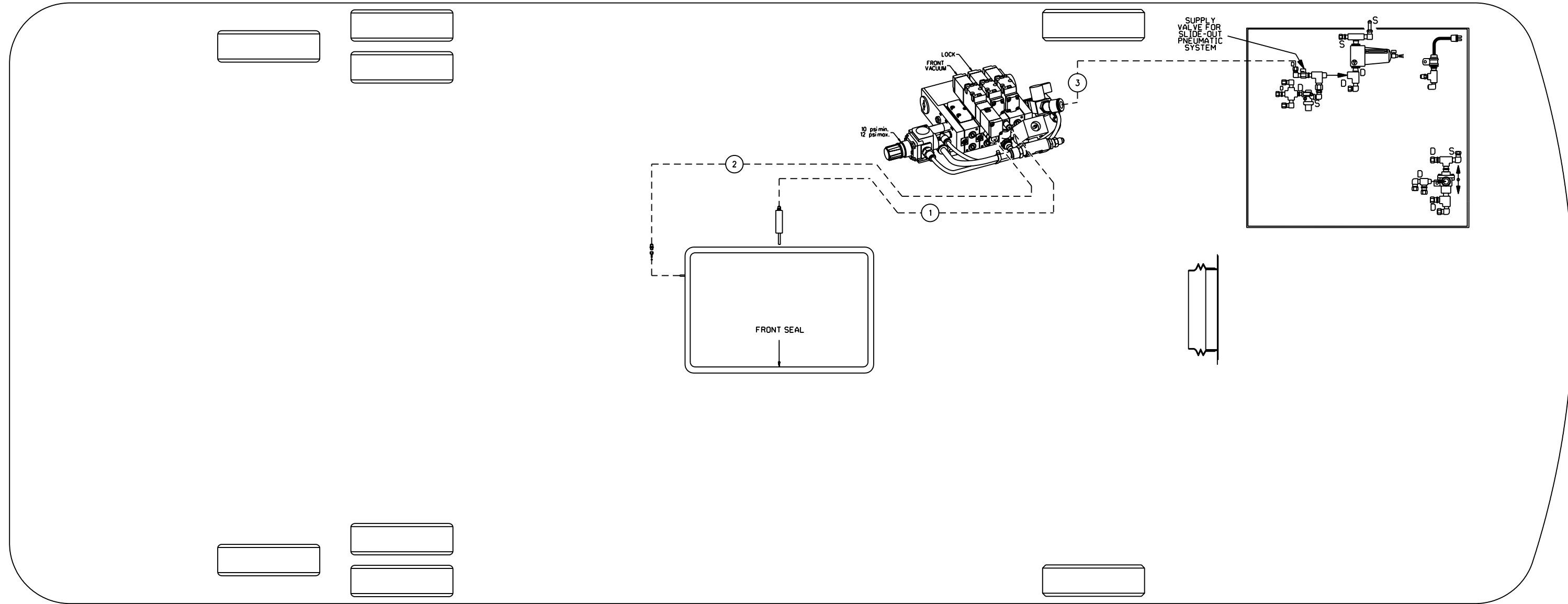
PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
SPECIAL WITH AIR HORN BENDIX BOX ADDED

EFF. W/ VEH : #A-1607	
DATE: 2009/11	REV.: A

PAGE:
D140355 SP3.1



TUBE COLOR CODING			
ACTIVE	COLOR	CIRCUIT	
---	BLACK	ACCESSORIES	

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

PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
FRONT SINGLE SLIDE-OUT OPTION, LEFT SIDE

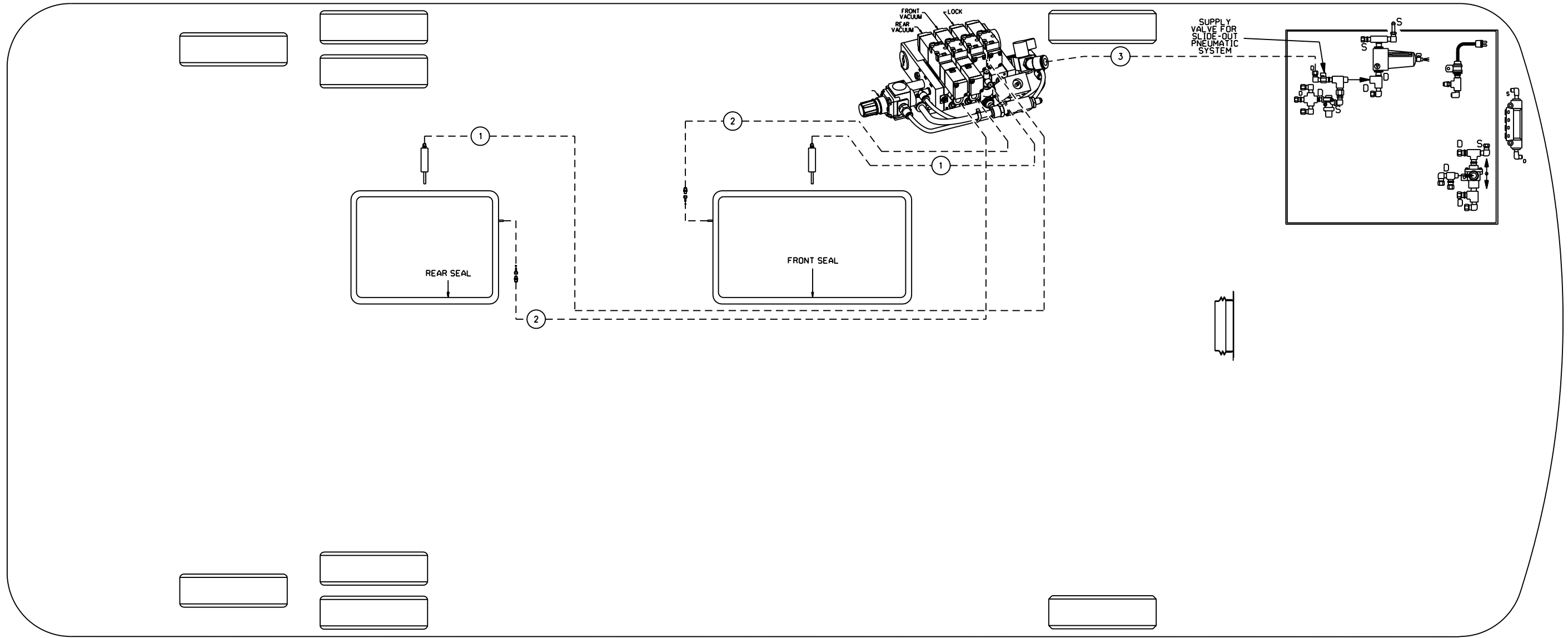
EFF. W/ VEH : #7-0942...

DATE:
2009/05

REV.:
B

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D140355 P4.1



TUBE COLOR CODING			
ACTIVE	COLOR	CIRCUIT	
---	BLACK	ACCESSORIES	

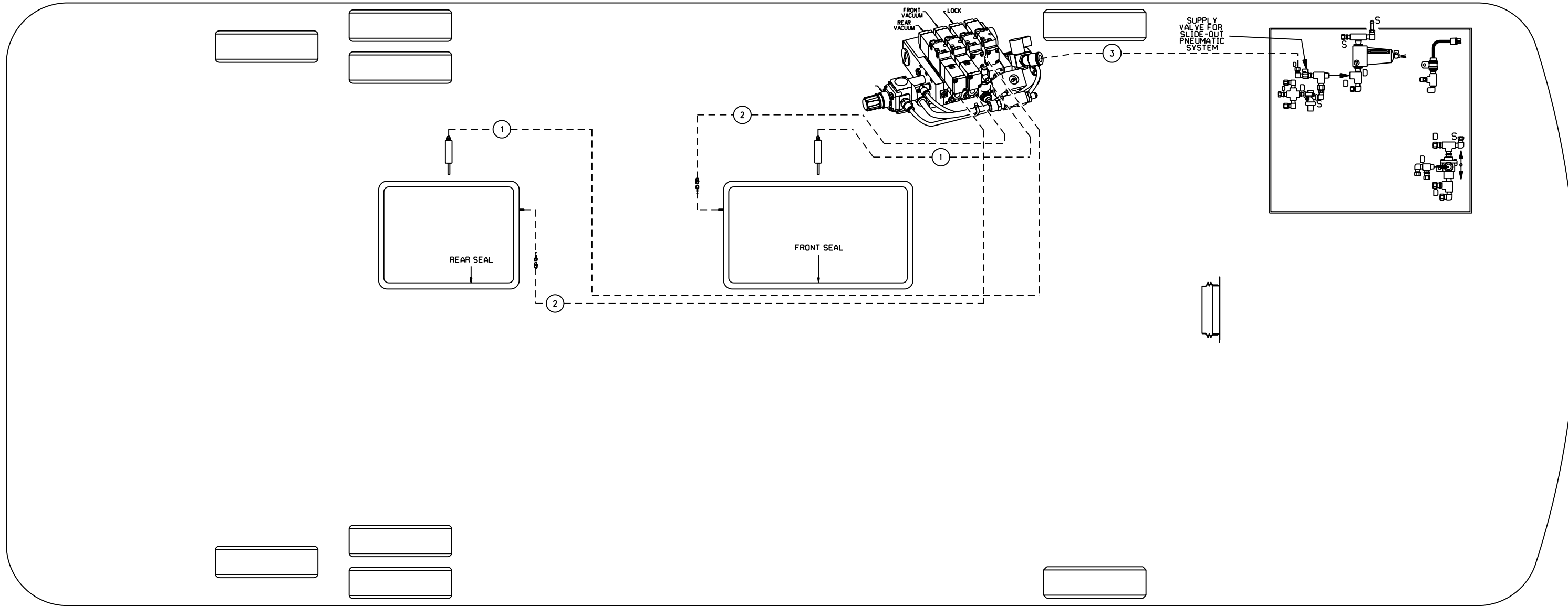
BALLOON	PIPE
#1	1/8" O.D. BLACK
#2	3/8" O.D. BLACK
#3	1/2" O.D. BLACK

PREVOST®

DESCRIPTION: VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
DOUBLE SLIDE-OUT OPTION LEFT SIDE, FRONT AND REAR
SMALL OR LARGE REAR CAISSON POSSIBILITY OPTION

EFF. W/ VEH : #7-0942...
DATE: 2007/05
REV.: A

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D140355 P5.1



TUBE COLOR CODING			
ACTIVE	COLOR	CIRCUIT	
---	BLACK	ACCESSORIES	

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

PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM
DOUBLE SLIDE-OUT OPTION LEFT SIDE, FRONT AND REAR
SMALL OR LARGE REAR CAISSON POSSIBILITY OPTION

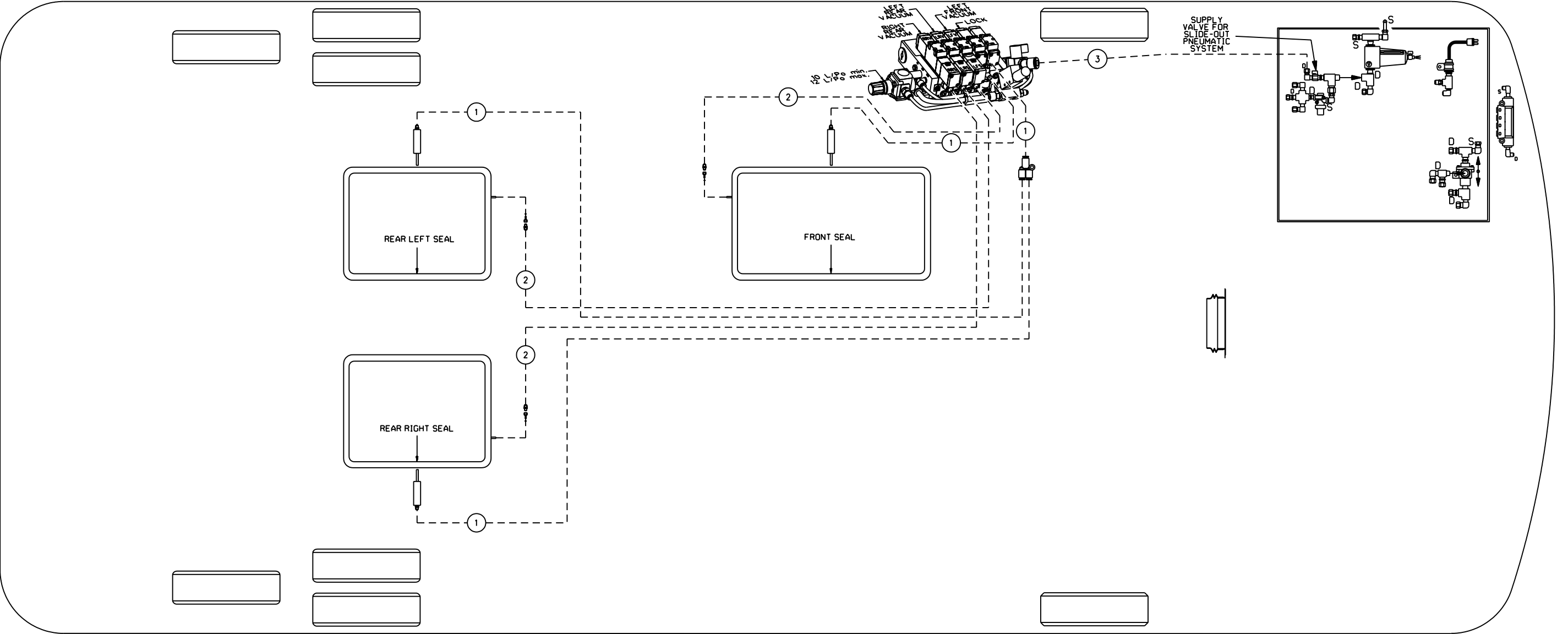
EFF. W/ VEH : #7-0942...

DATE:
2009/05

REV.:
B

PAGE:

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	BLACK	ACCESSORIES

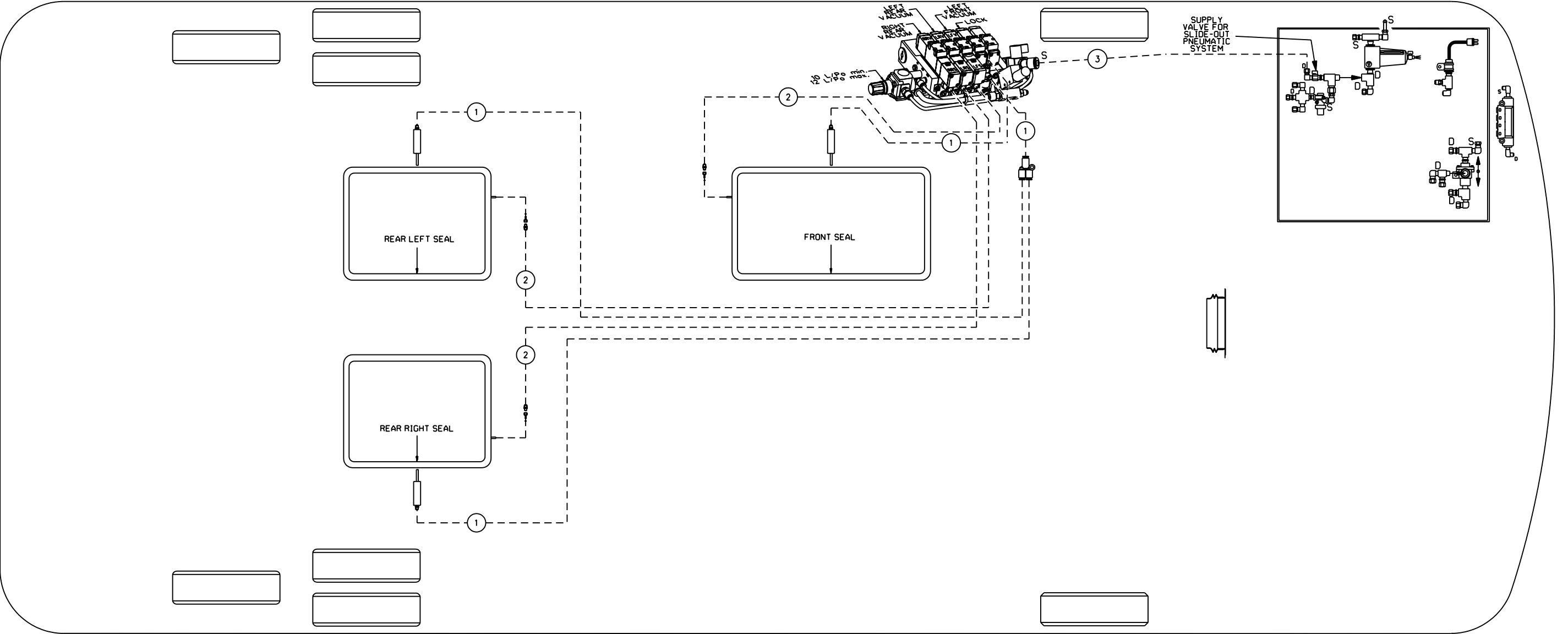
BALLOON	PIPE
*1	1/8" O.D. BLACK
*2	3/8" O.D. BLACK
*3	1/2" O.D. BLACK

PREVOST®

DESCRIPTION: VIP, ENGINE 2007 WITH INDEPENDENT SUSPENSION SYSTEM
TRIPPLICATE SLIDE-OUT OPTION LEFT SIDE, FRONT AND REAR
RIGHT SIDE REAR ONLY
SMALL OR LARGE REAR CAISSON POSIBILITY OPTION

EFF. W/ VEH : #8-1071...
DATE: 2007/10
REV.: B

PAGE:
D140355 P6.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	BLACK	ACCESSORIES

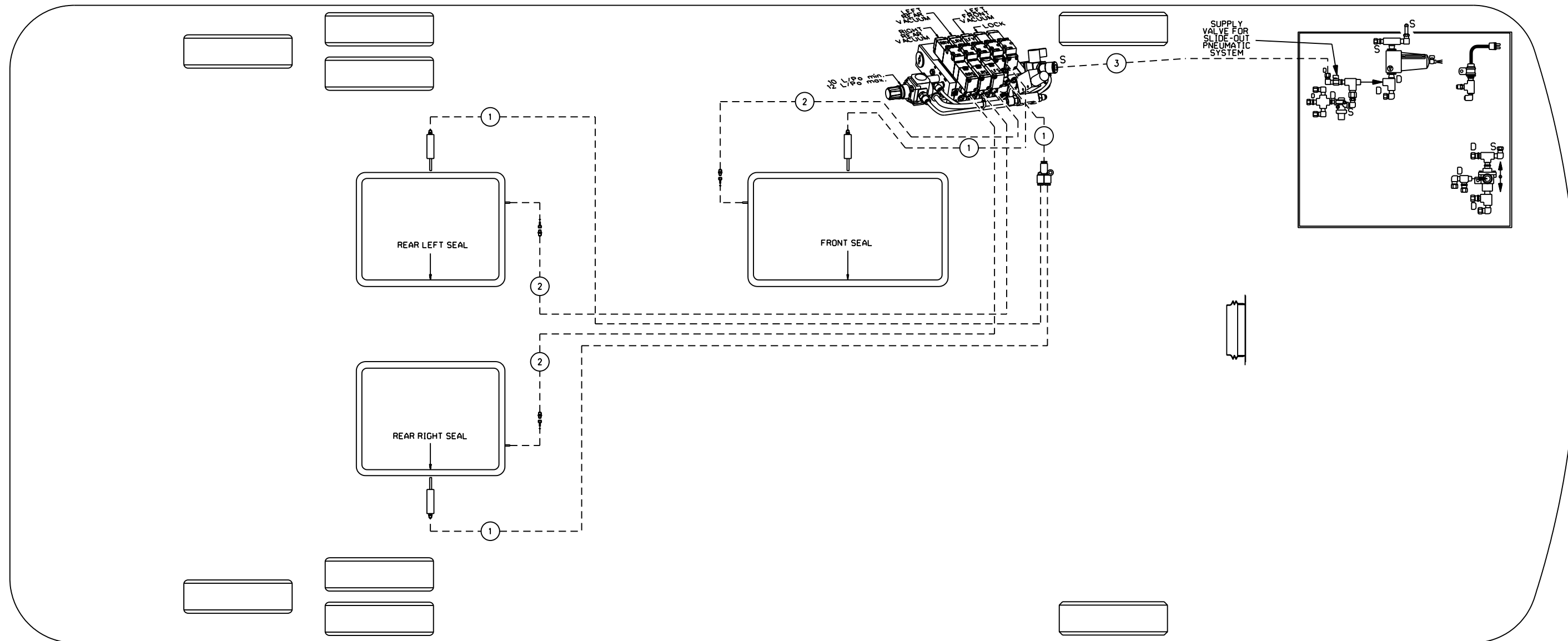
BALLOON	PIPE
*1	1/8" O.D. BLACK
*2	3/8" O.D. BLACK
*3	1/2" O.D. BLACK

PREVOST®

DESCRIPTION: VIP, ENGINE 2007 WITH INDEPENDENT SUSPENSION SYSTEM
TRIPPLICATE SLIDE-OUT OPTION LEFT SIDE, FRONT AND REAR
RIGHT SIDE REAR ONLY
SMALL OR LARGE REAR CAISSON POSIBILITY OPTION

EFF. W/ VEH : #8-1415...
DATE: 2008/03
REV.: C

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	BLACK	ACCESSORIES

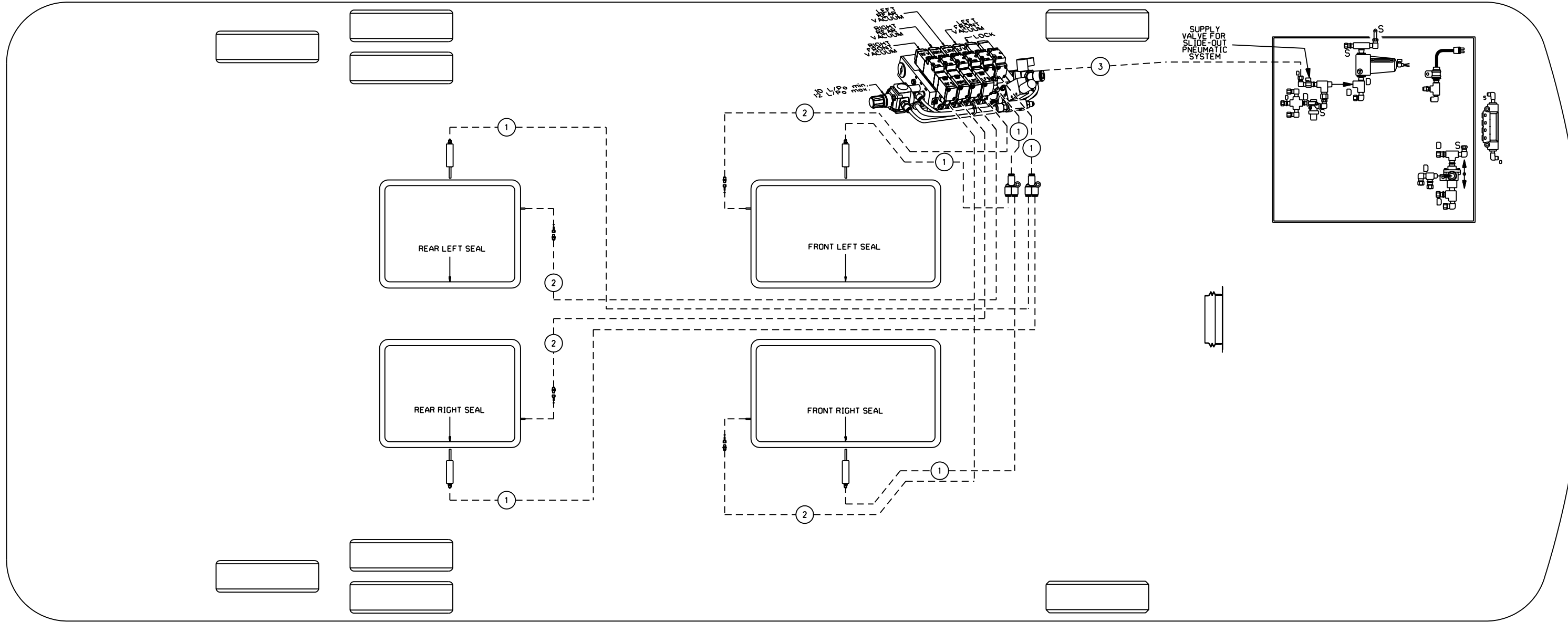
BALLOON	PIPE
*1	1/8" O.D. BLACK
*2	3/8" O.D. BLACK
*3	1/2" O.D. BLACK

PREVOST®

DESCRIPTION: VIP, ENGINE 2007 WITH INDEPENDENT SUSPENSION SYSTEM
 TRIPPLICATE SLIDE-OUT OPTION LEFT SIDE, FRONT AND REAR
 RIGHT SIDE REAR ONLY
 SMALL OR LARGE REAR CAISSON POSIBILITY OPTION

EFF. W/ VEH : #8-1415...
 DATE: 2009/05
 REV.: D

PAGE:
 D140355 P6.1



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
---	BLACK	ACCESSORIES

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

PREVOST®

DESCRIPTION:

VIP
FOUR SLIDE-OUT OPTION
SMALL OR LARGE REAR AND RIGHT FRONT CAISSON POSSIBILITY
OPTIONS

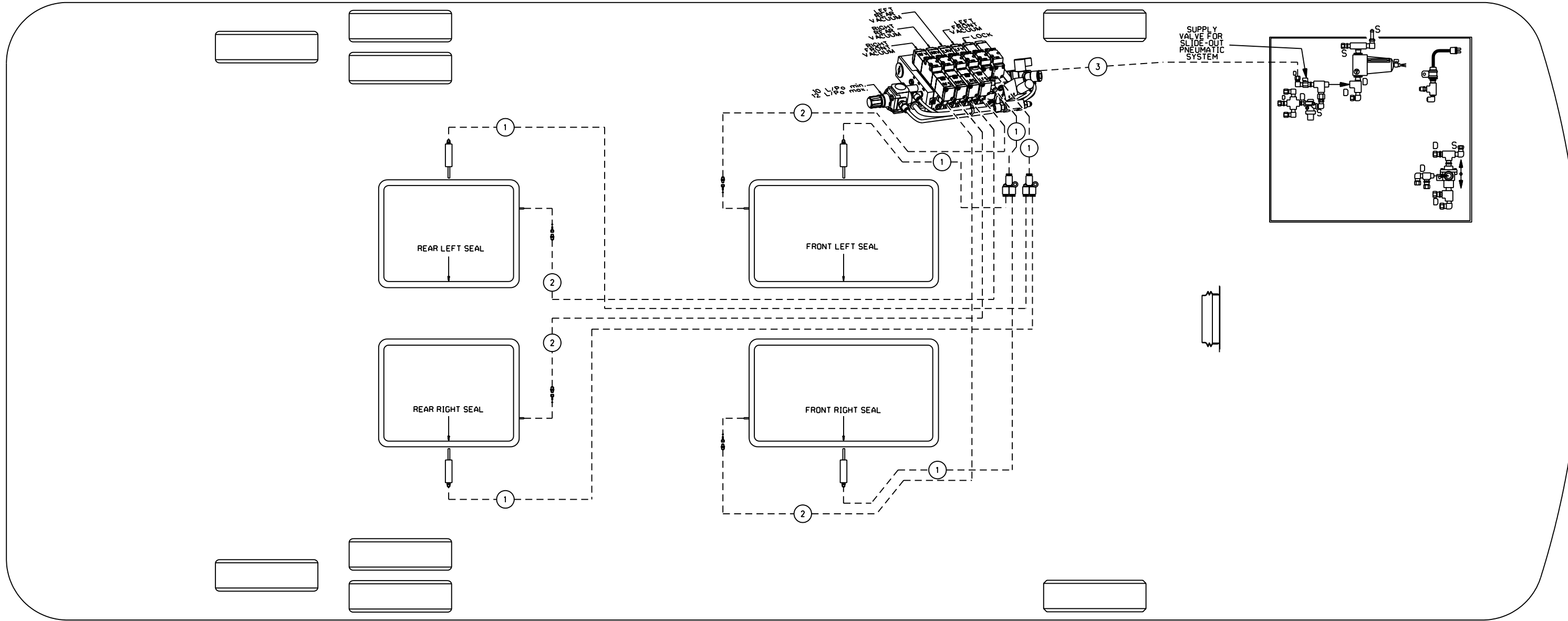
EFF. W/ VEH : #8-1430...

DATE: 2008/01

REV.: A

PAGE:

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	BLACK	ACCESSORIES

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

PREVOST®

DESCRIPTION:

VIP
FOUR SLIDE-OUT OPTION
SMALL OR LARGE REAR AND RIGHT FRONT CAISSON POSSIBILITY
OPTIONS

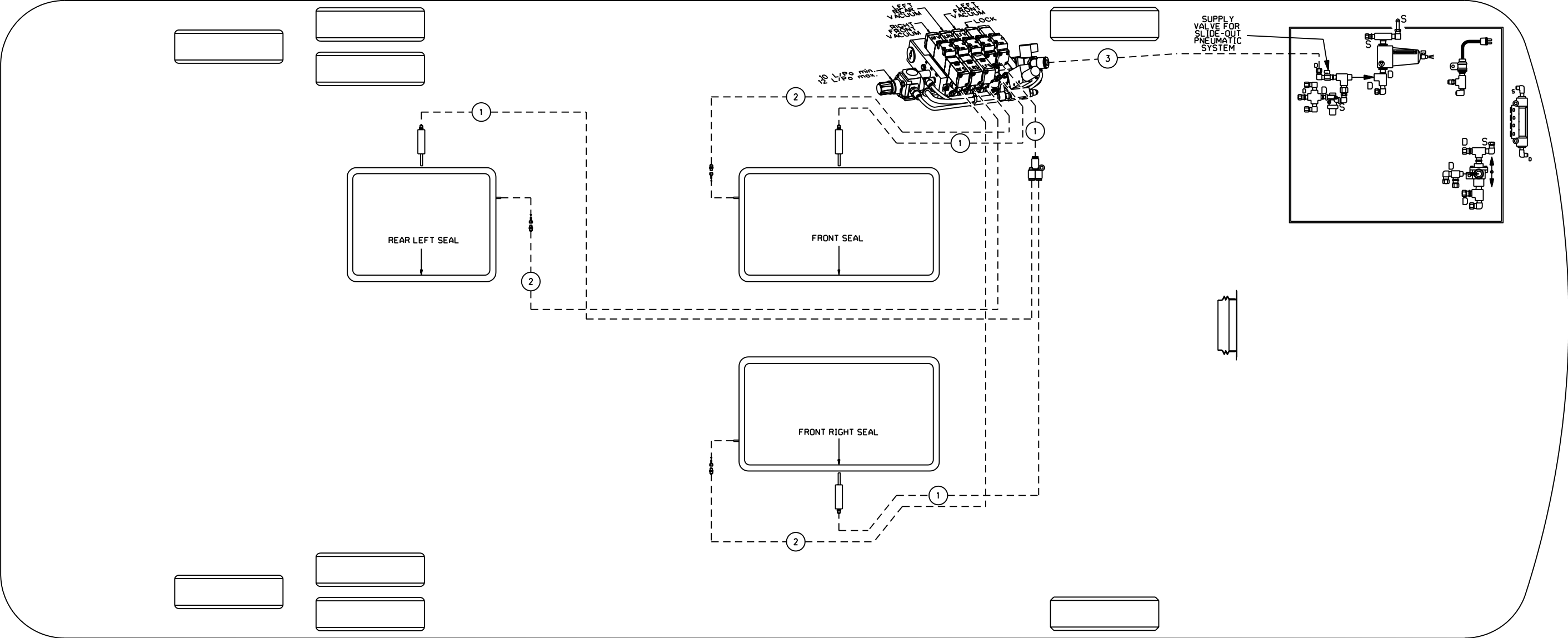
EFF. W/ VEH : #8-1430...

DATE: 2009/05

REV.: B

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TUBE COLOR CODING			
ACTIVE	COLOR	CIRCUIT	
---	BLACK	ACCESSORIES	

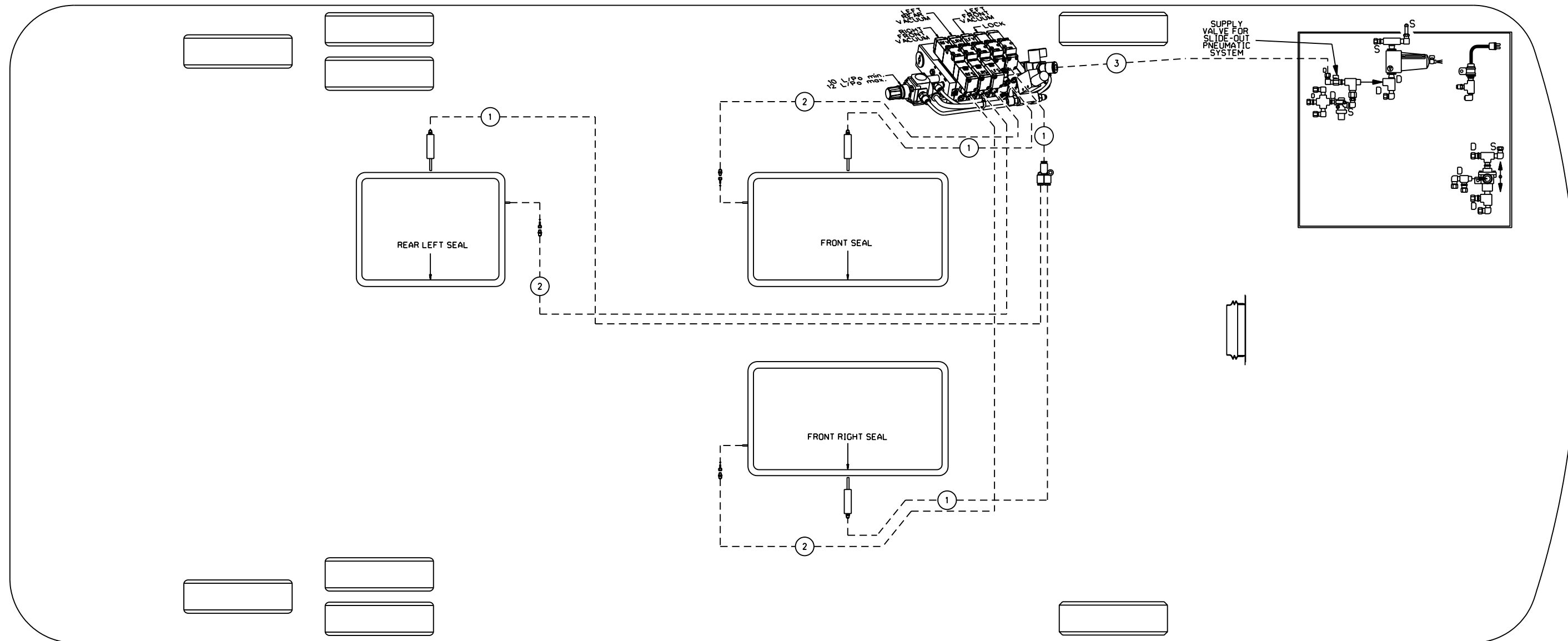
BALLOON	PIPE
*1	1/8" O.D. BLACK
*2	3/8" O.D. BLACK
*3	1/2" O.D. BLACK

PREVOST®

DESCRIPTION: VIP, ENGINE 2007 WITH INDEPENDENT SUSPENSION SYSTEM
TRIPPLICATE SLIDE-OUT OPTION LEFT SIDE FRONT AND REAR &
RIGHT SIDE FRONT ONLY. SMALL OR LARGE REAR AND FRONT
RIGHT CAISSON POSIBILITY OPTION

EFF. W/ VEH : #8-1415...
DATE: 2008/03
REV.: A

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TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
—	BLACK	ACCESSORIES

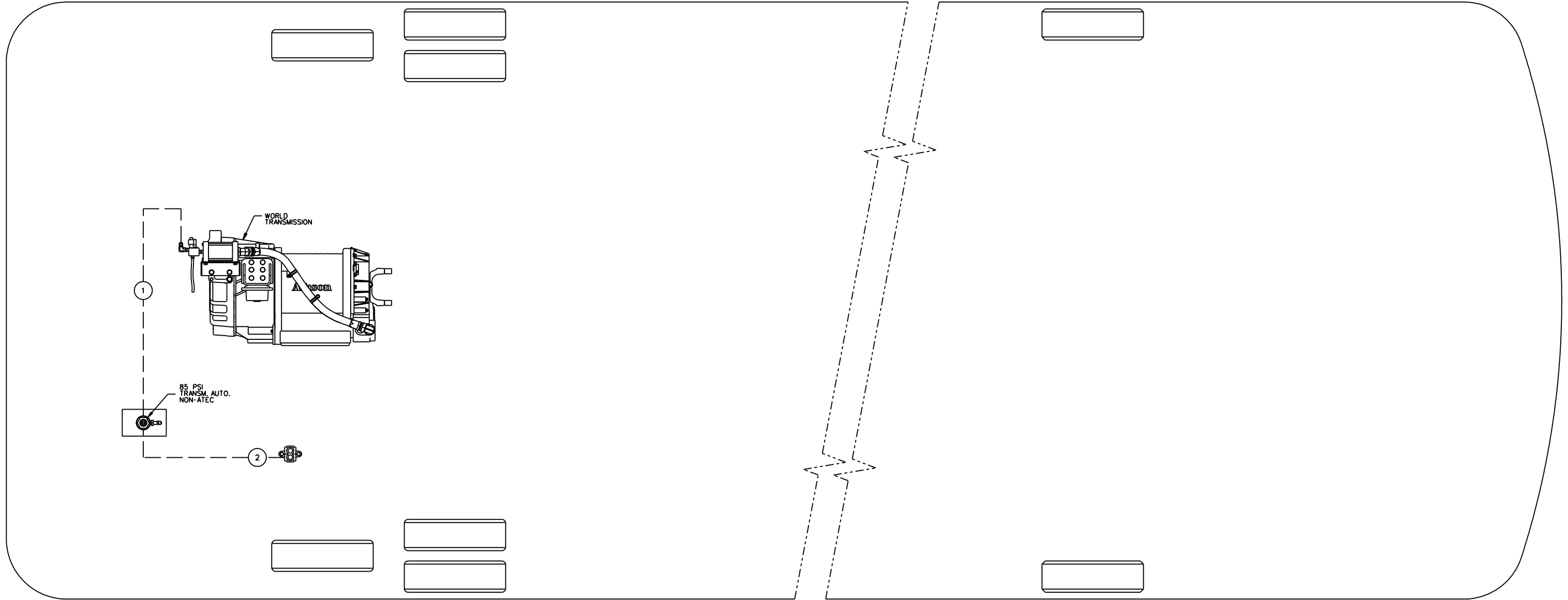
BALLOON	PIPE
*1	1/8" O.D. BLACK
*2	3/8" O.D. BLACK
*3	1/2" O.D. BLACK

PREVOST®

DESCRIPTION: VIP, ENGINE 2007 WITH INDEPENDENT SUSPENSION SYSTEM
 TRIPPLICATE SLIDE-OUT OPTION LEFT SIDE FRONT AND REAR &
 RIGHT SIDE FRONT ONLY. SMALL OR LARGE REAR AND FRONT
 RIGHT CAISSON POSSIBILITY OPTION

EFF. W/ VEH : #8-1415...
 DATE: 2009/05
 REV.: B

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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. GREEN

PREVOST®

DESCRIPTION:

VIP, ENGINE 2007,
WITH INDEPENDENT SUSPENSION SYSTEM &
OUTPUT RETARDER ON WORLD TRANSMISSION

EFF. W/ VEH :
#A-1653

DATE: 2010/01
REV.: A

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