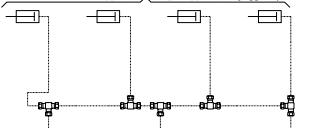
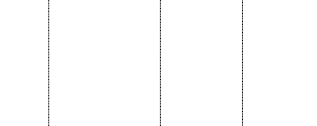


ACTIVE	COLOR	CIRCUIT
→ →	RED	SECONDARY
→ →	GREEN	PRIMARY & SUPPLY
→ →	YELLOW	PARKING BRAKE
→ →	BLUE	SUSPENSION
→ →	BLACK	ACCESSORIES

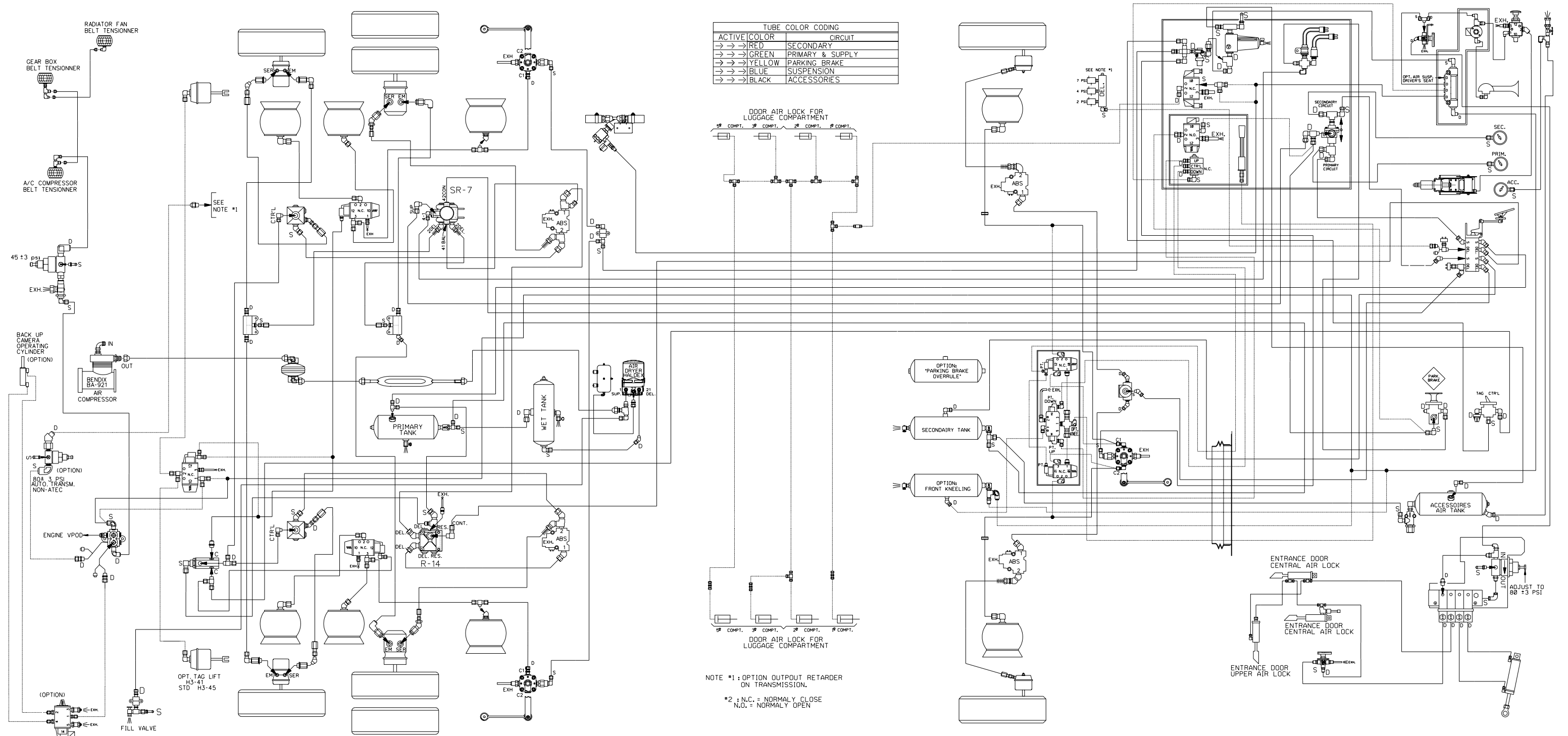
DOOR AIR LOCK FOR LUGGAGE COMPARTMENT



DOOR AIR LOCK FOR LUGGAGE COMPARTMENT

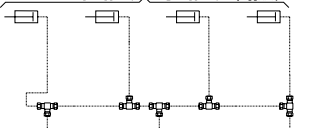


NOTE #1 : OPTION OUTPUT RETARDER ON TRANSMISSION.  
 #2 : N.C. = NORMALLY CLOSE  
 N.O. = NORMALLY OPEN

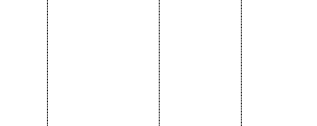


ACTIVE/COLOR	SECONDARY CIRCUIT
→ → RED	SECONDARY
→ → GREEN	PRIMARY & SUPPLY
→ → YELLOW	PARKING BRAKE
→ → BLUE	SUSPENSION
→ → BLACK	ACCESSORIES

DOOR AIR LOCK FOR LUGGAGE COMPARTMENT



DOOR AIR LOCK FOR LUGGAGE COMPARTMENT

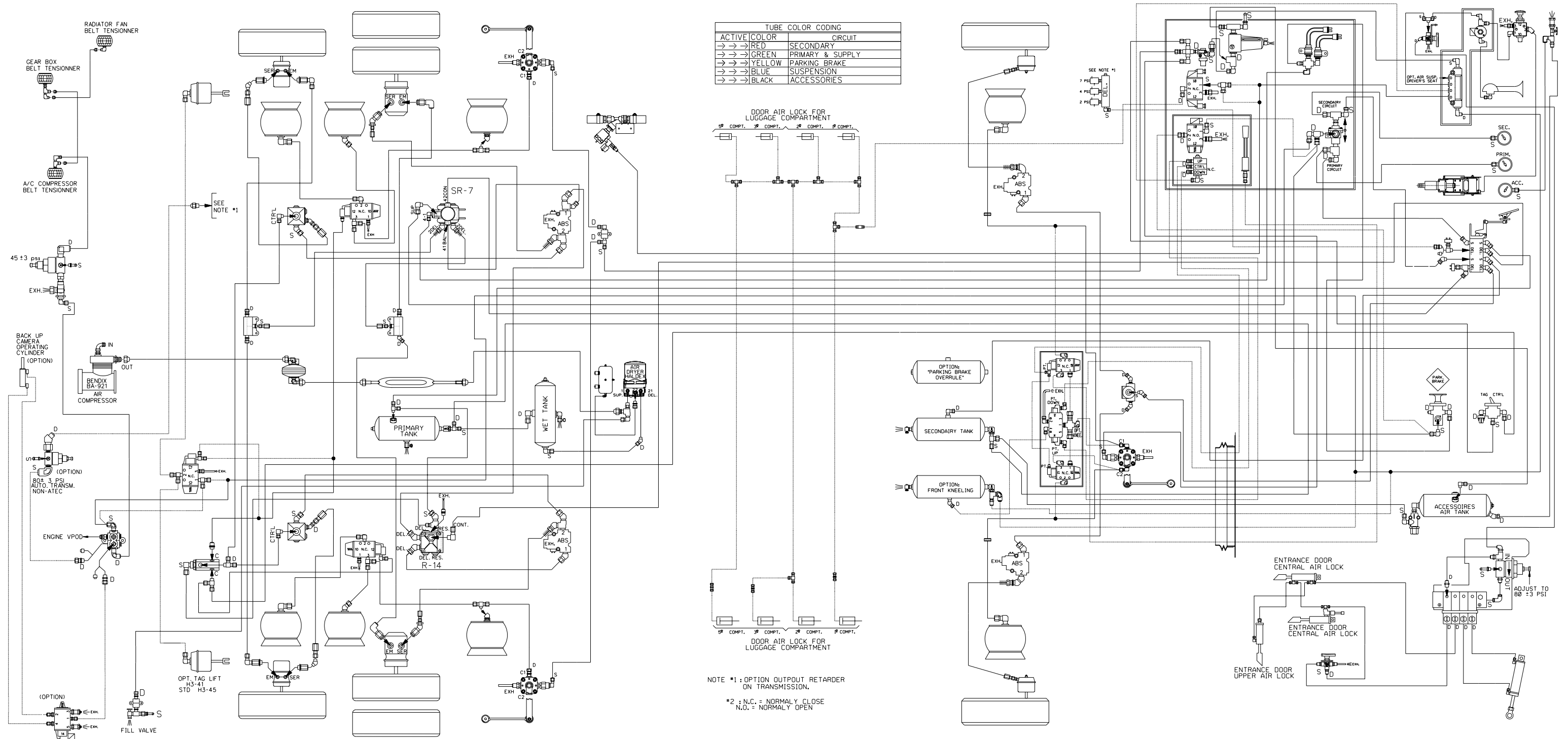


NOTE #1: OPTION OUTPUT RETARDER ON TRANSMISSION.

#2: N.C. = NORMALLY CLOSE  
N.O. = NORMALLY OPEN

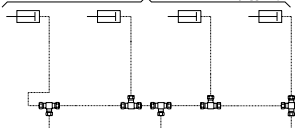
#D140297P1 REV.D  
H3-41 & H3-45 COACHES, ENGINE 2002  
WITH FRONT BEAM AXLE

DATE: 2004/01

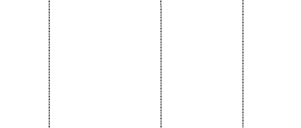


ACTIVE	COLOR	CIRCUIT
→ →	RED	SECONDARY
→ →	GREEN	PRIMARY & SUPPLY
→ →	YELLOW	PARKING BRAKE
→ →	BLUE	SUSPENSION
→ →	BLACK	ACCESSORIES

DOOR AIR LOCK FOR LUGGAGE COMPARTMENT



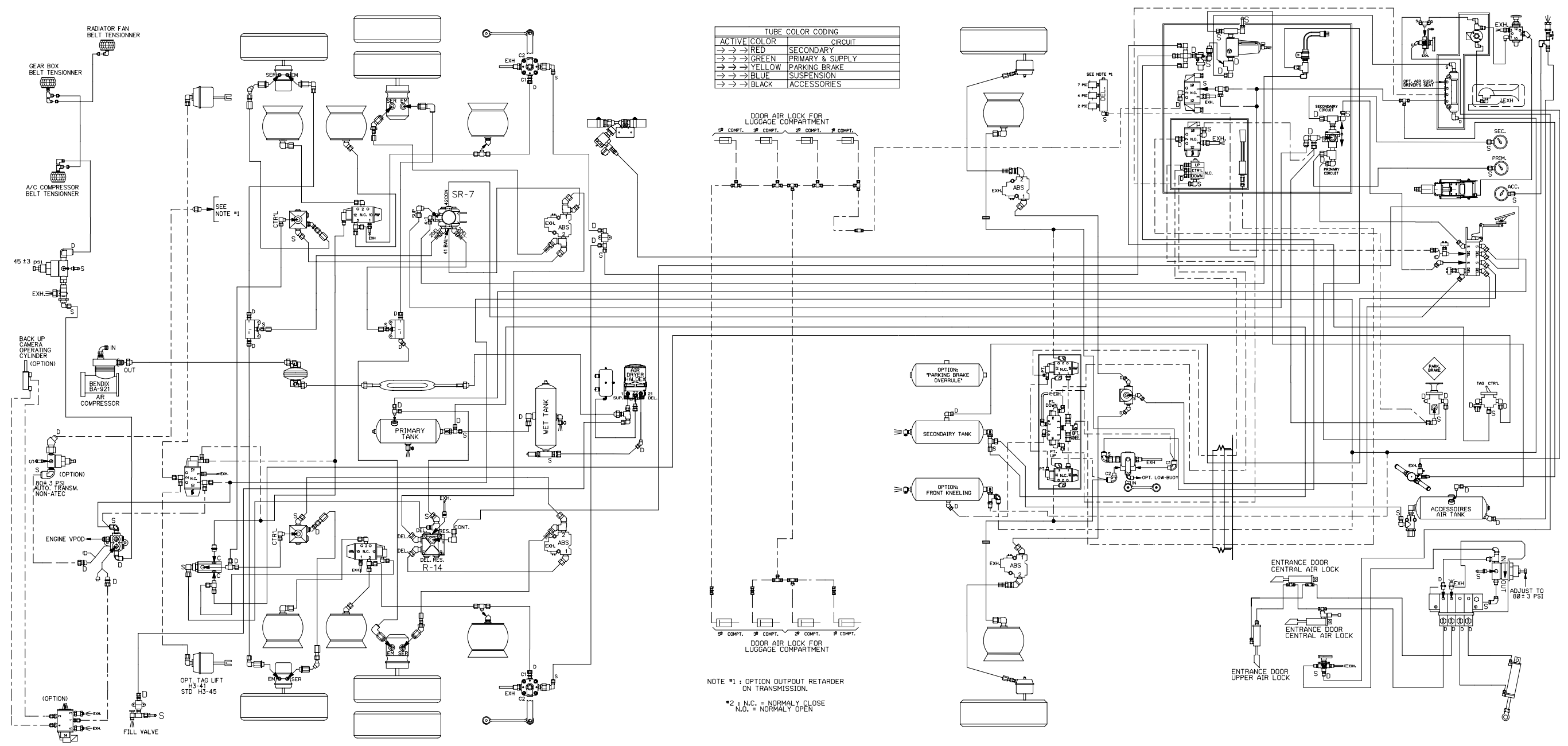
DOOR AIR LOCK FOR LUGGAGE COMPARTMENT



NOTE #1 : OPTION OUTPUT RETARDER ON TRANSMISSION.  
 #2 : N.C. = NORMALLY CLOSE  
 N.O. = NORMALLY OPEN

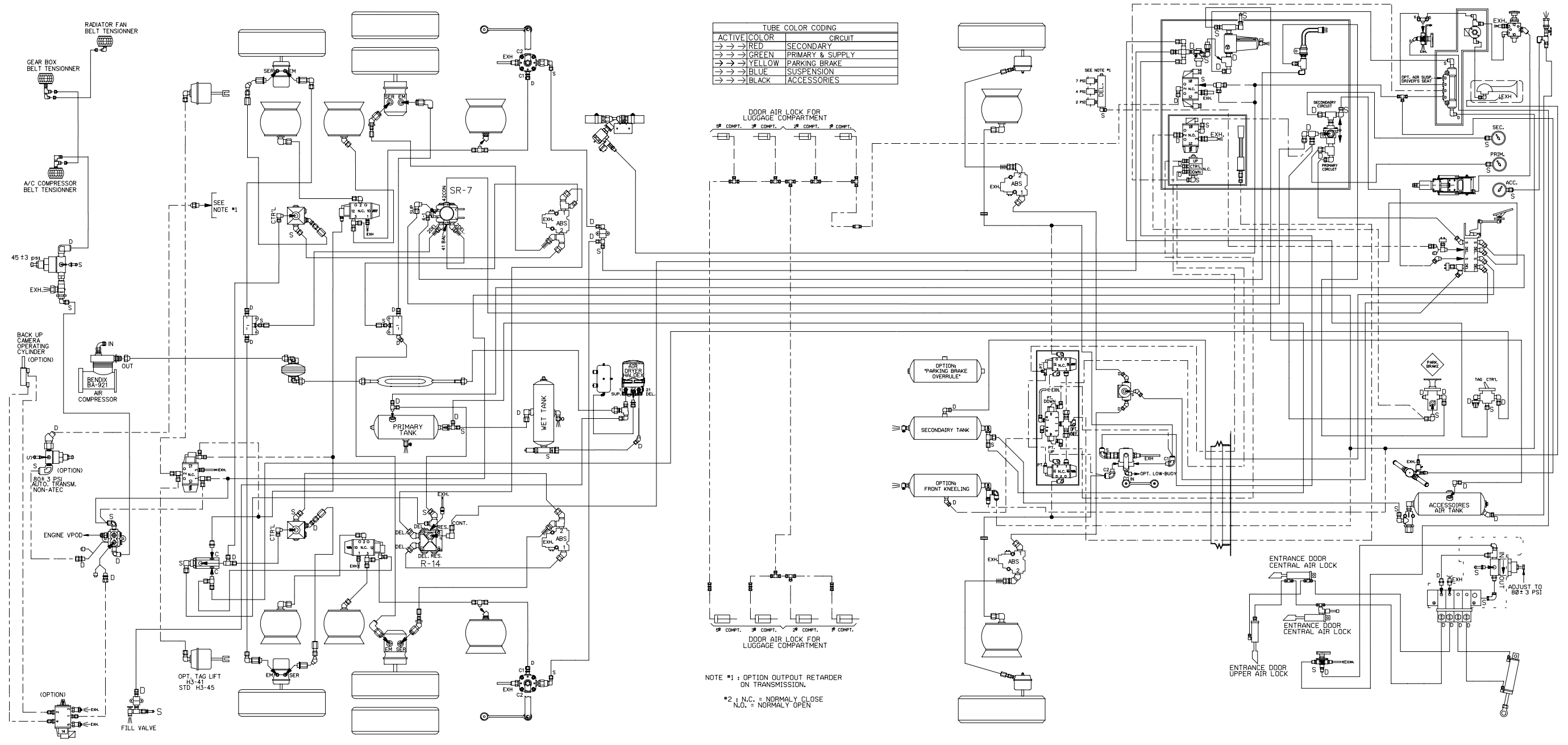
DATE: 2004/04

#D140297P1 REV.F  
 H3-41 & H3-45 COACHES, ENGINE 2002  
 WITH FRONT BEAM AXLE

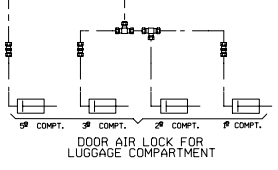
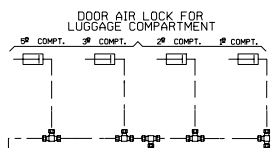


DATE: 2005/01

\*D140297P1 REV.H  
H3-41 & H3-45 COACHES, ENGINE 2002  
WITH FRONT BEAM AXLE



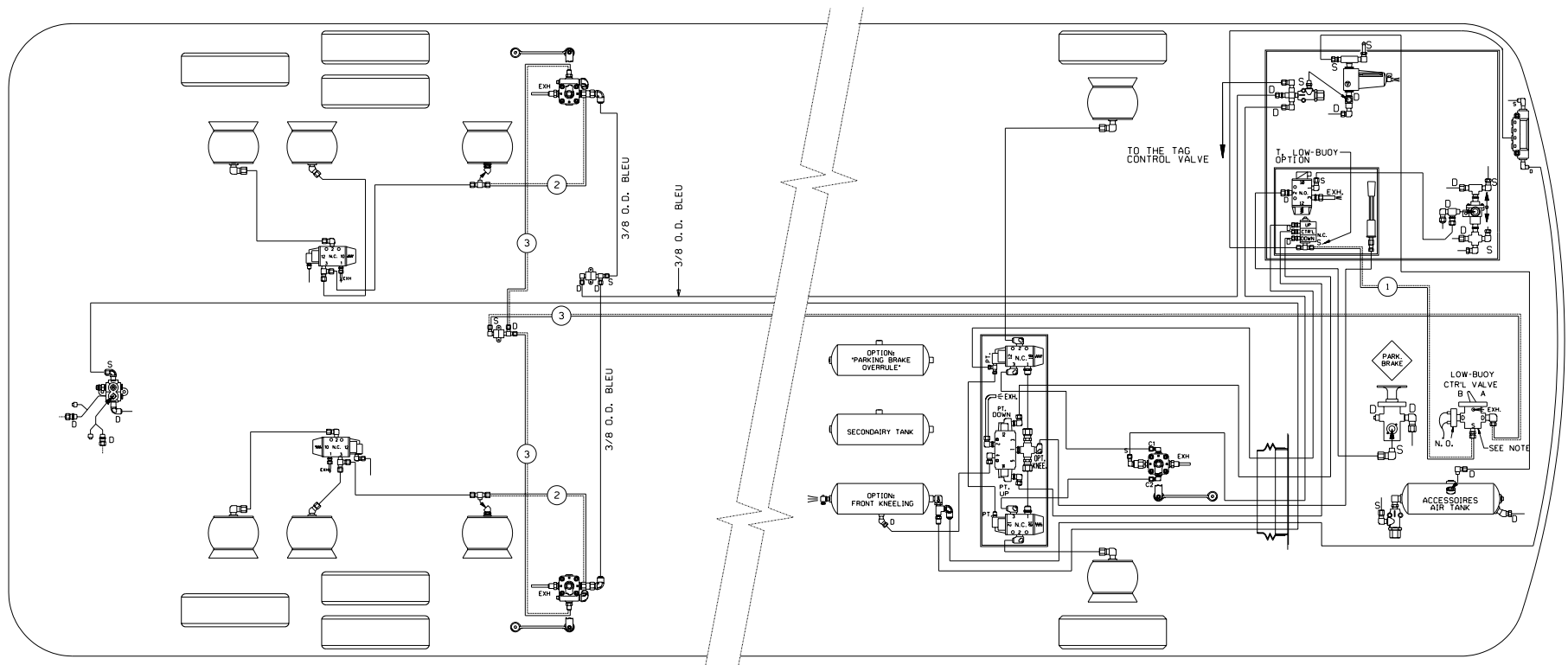
ACTIVE	COLOR	CIRCUIT
→→	RED	SECONDARY
→→	GREEN	PRIMARY & SUPPLY
→→	YELLOW	PARKING BRAKE
→→	BLUE	SUSPENSION
→→	BLACK	ACCESSORIES



NOTE #1 : OPTION OUTPUT RETARDER ON TRANSMISSION.  
 #2 : N.C. = NORMALLY CLOSE  
 N.O. = NORMALLY OPEN

DATE: 2005/02

#D140297P1 REV.I  
 H3-41 & H3-45 COACHES, ENGINE 2002  
 WITH FRONT BEAM AXLE



NOTE:

CONTROL VALVE OPT. "LOW-BUOY" , "A" OR "B" SETTING:

POSITION "A": VALVE IS OPEN,  
AIR FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS NOT IN FUNCTION.

POSITION "B": VALVE CLOSED,  
AIR DOES'NT FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS IN FUNCTION.

TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → → RED	SECONDARY
→ → → GREEN	PRIMARY & SUPPLY
→ → → YELLOW	PARKING BRAKE
→ → → BLUE	SUSPENSION
→ → → BLACK	ACCESSORIES

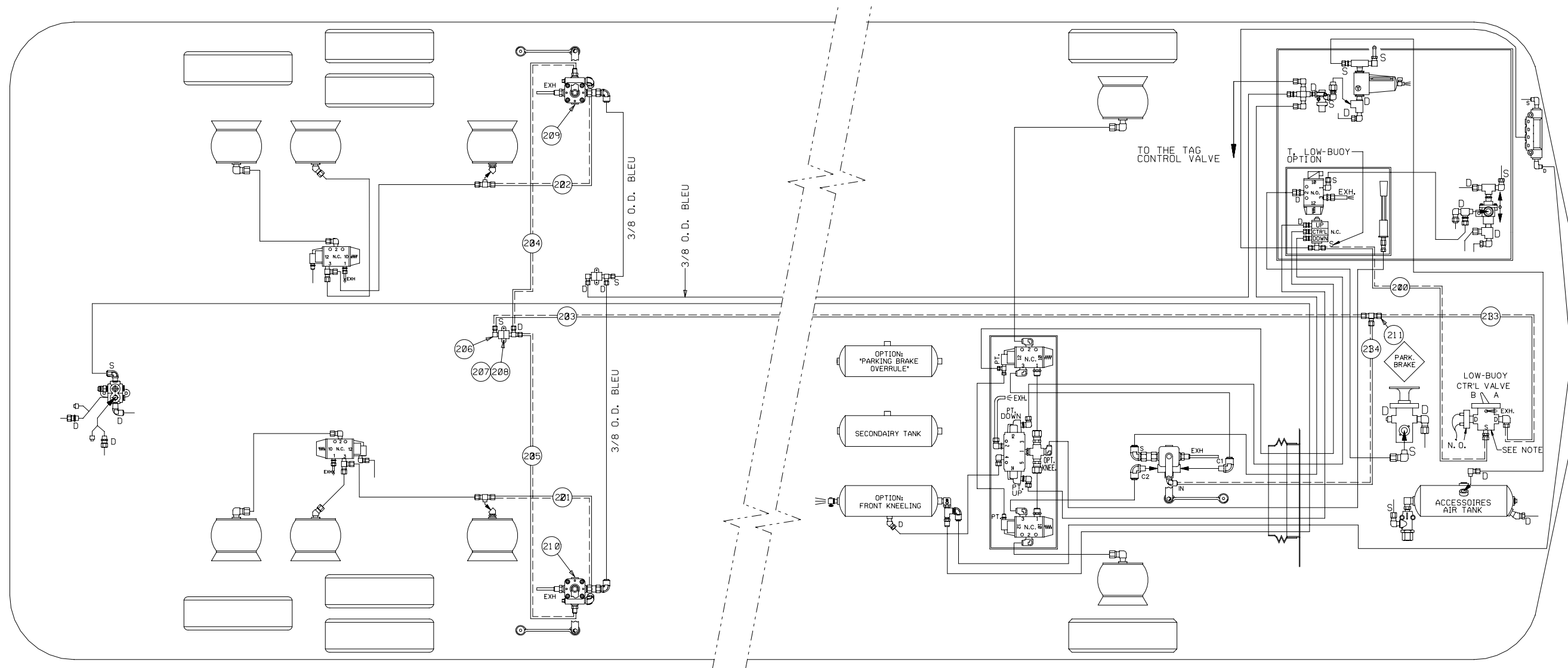
BALLOON	PIPE
*1	1/4" O.D. BLACK
*2	3/8" O.D. BLUE
*3	1/4" O.D. BLUE
———	STD PIPING
~~~~~	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT KNEELING  
& REAR LOW-BUOY COMBINATION

D140297 P2 REV. A

DATE : 2003/02



**NOTE:**

CONTROL VALVE OPT. "LOW-BUOY" , "A" OR "B" SETTING:

POSITION "A": VALVE IS OPEN,  
AIR FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS IN FUNCTION.

POSITION "B": VALVE CLOSED,  
AIR DOES'NT FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS NOT IN FUNCTION.

TUBE COLOR CODING	
ACTIVE	CIRCUIT
→→ ROUGE	SECONDAIRE
→→ VERDIN	PRIMAIRE & ALIMENTATION
→→ JAUNE	PRENANTER STATIONNEMENT
→→ BLEU	SUSPENSION
→→ NOIR	ACCESSOIRES

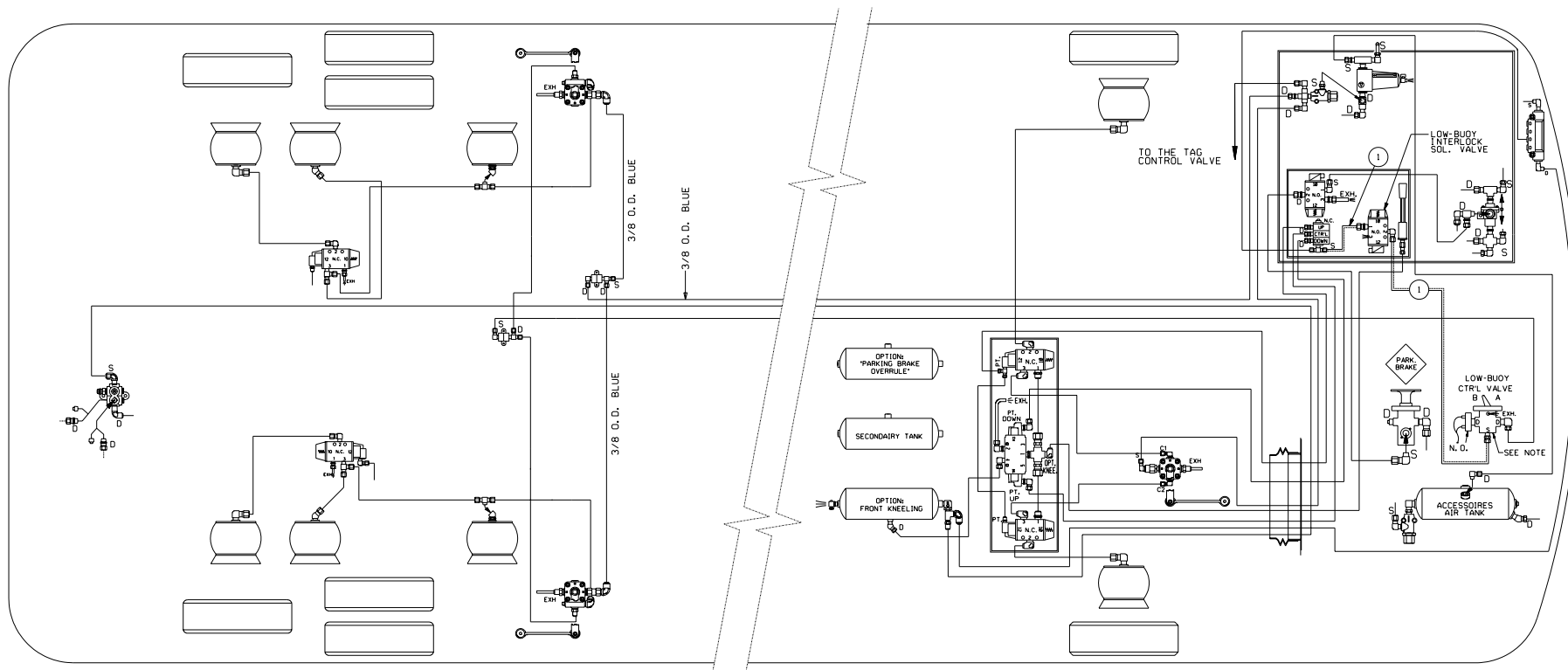
BALLOON	PIPE
#1	1/4" O.D. BLACK
#2	3/8" O.D. BLUE
#3	1/4" O.D. BLUE
—	STD PIPING
---	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT KNEELING  
& REAR LOW-BUOY COMBINATION

D140297 P2 REV. E

DATE : 2005/01



**NOTE:**

CONTROL VALVE OPT. "LOW-BUOY" , "A" OR "B" SETTING:

**POSITION "A":** VALVE IS OPEN,  
AIR FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS NOT IN FUNCTION.

**POSITION "B":** VALVE CLOSED,  
AIR DOES'NT FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS IN FUNCTION.

TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → RED	SECONDARY
→ → GREEN	PRIMARY & SUPPLY
→ → YELLOW	PARKING BRAKE
→ → BLUE	SUSPENSION
→ → BLACK	ACCESSORIES

BALLOON	PIPE
*1	1/4" O.D. BLACK
—	STD PIPING
—	OPTIONAL PIPING

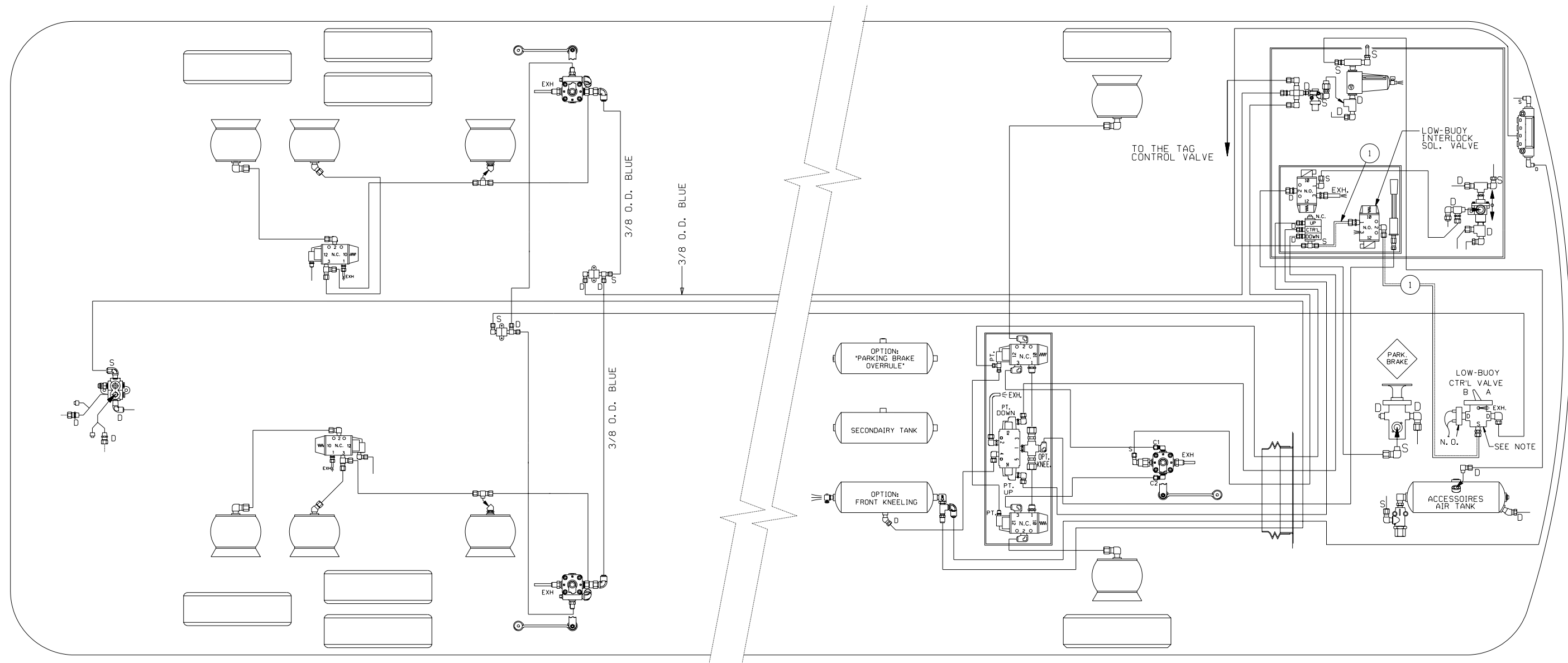
H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT KNEELING,  
REAR LOW-BUOY & SPEED  
SWITCH (5 MPH) COMBINATION.  
(NOTE: THIS DRAWING MUST BE READ  
IN CONJUNCTION WITH D140297 P2)

D140297 P3 REV. A

DATE : 2003/02





NOTE:

CONTROL VALVE OPT. "LOW-BUOY" , "A" OR "B" SETTING:

POSITION "A": VALVE IS OPEN,  
AIR FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) ,LOW-BUOY IS NOT IN FUNCTION.

POSITION "B": VALVE CLOSED,  
AIR DOES'NT FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) ,LOW-BUOY IS IN FUNCTION.

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

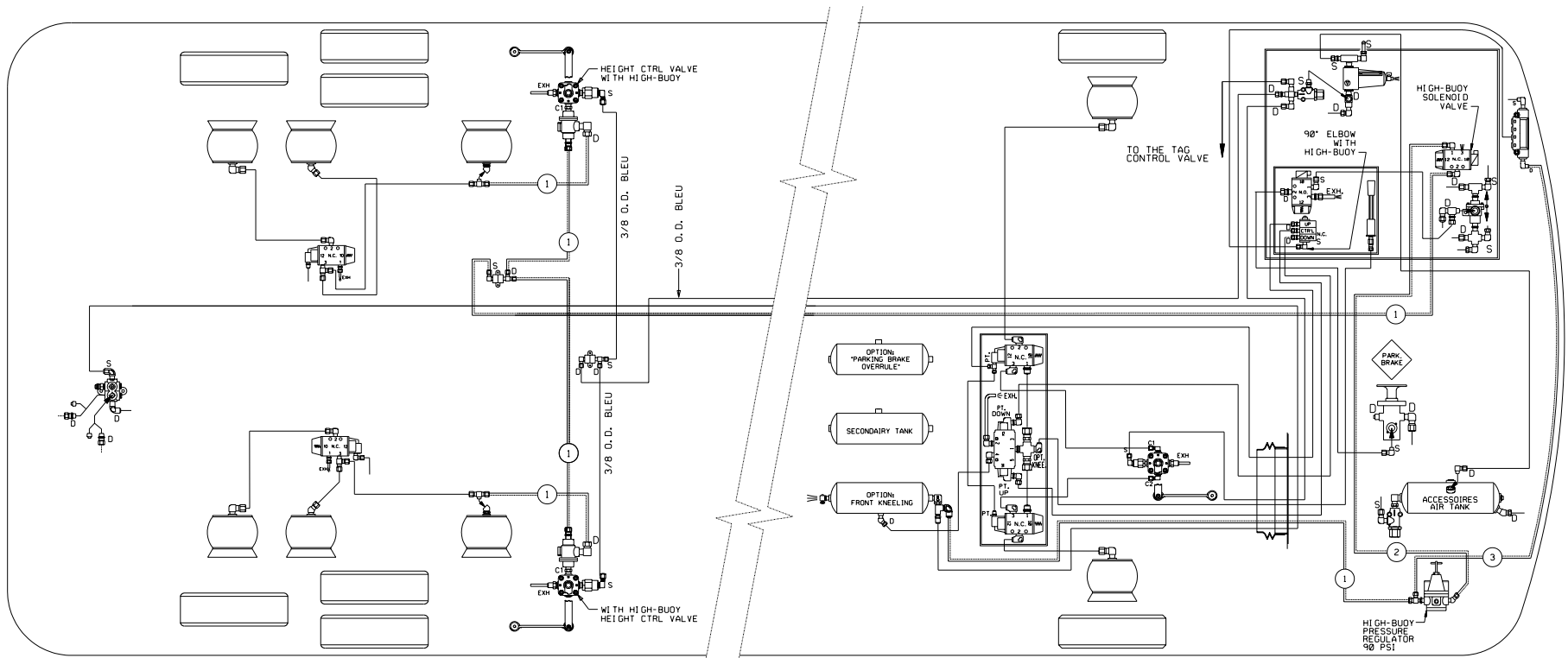
BALLOON	PIPE
#1	1/4" O.D. BLACK
—	STD PIPING
—	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT KNEELING,  
REAR LOW-BUOY & SPEED  
SWITCH ( 5 MPH ) COMBINATION.  
( NOTE: THIS DRAWING MUST BE READ  
IN CONJUNCTION WITH D140297 P2)

DATE : 2004/01

D140297 P3 REV. B



TUBE COLOR CODING	
ACTIVE	COLOR
→ →	RED SECONDARY
→ →	GREEN PRIMARY & SUPPLY
→ →	YELLOW PARKING BRAKE
→ →	BLUE SUSPENSION
→ →	BLACK ACCESSORIES

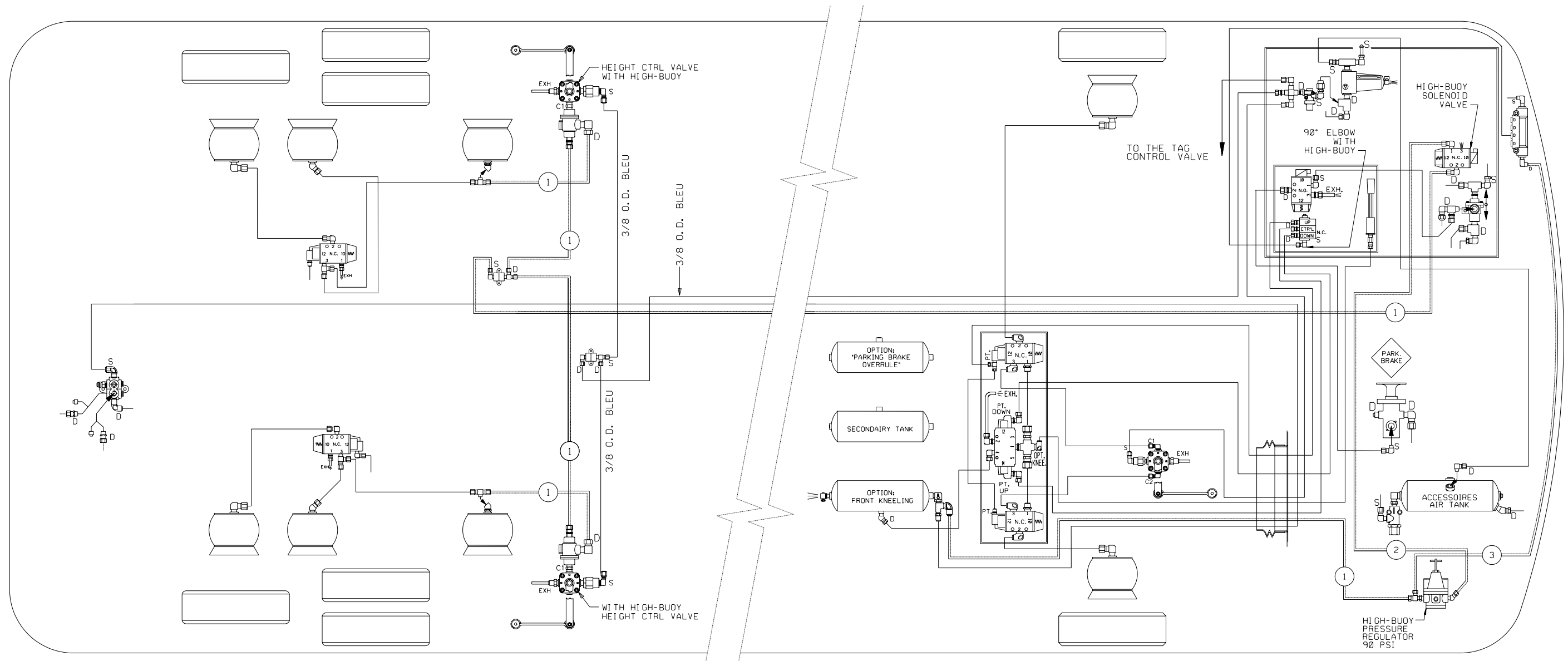
BALLOON	PIPE
#1	3/8" O.D. BLUE
#2	1/2" O.D. BLUE
#3	3/8" O.D. BLACK
---	STD PIPING
---	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT KNEELING  
& HIGH-BUOY COMBINATION.

D140297 P4 REV. A

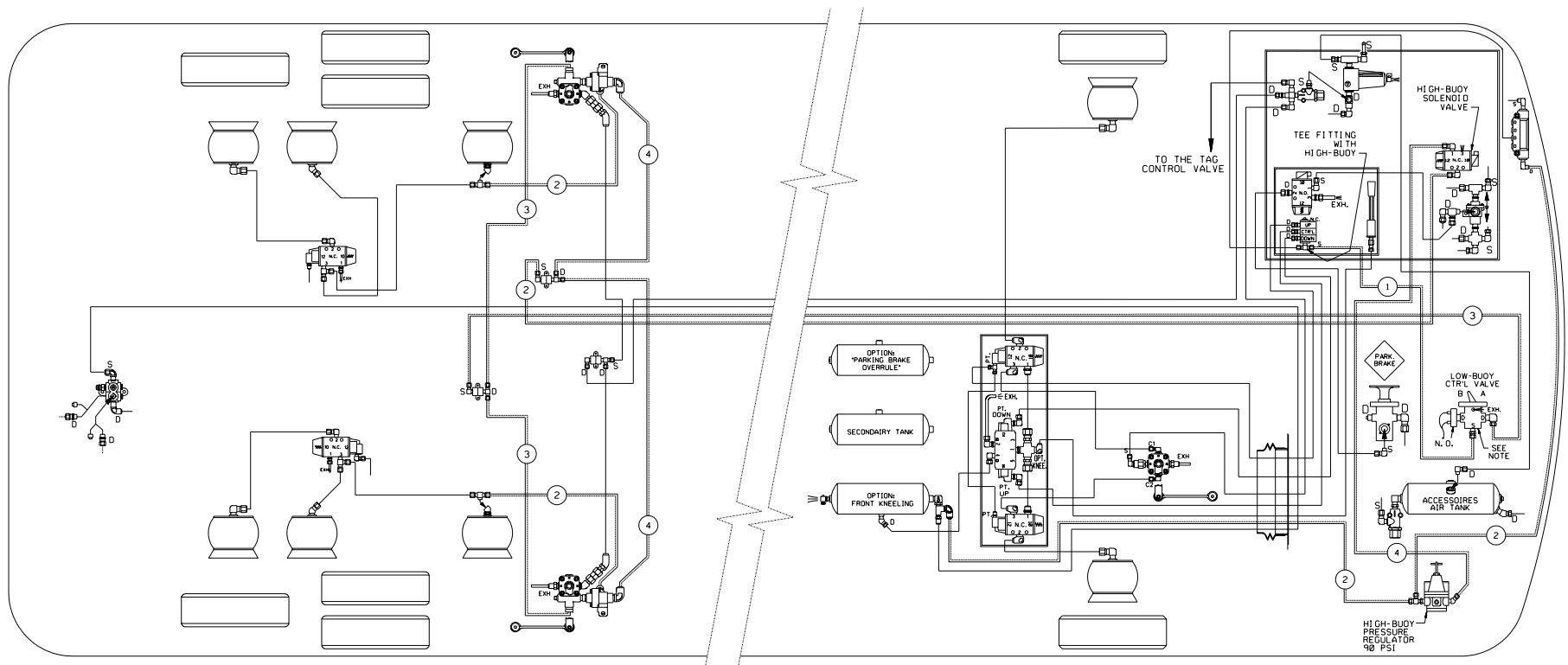
DATE : 2003/02



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

BALLOON	PIPE
#1	3/8" O.D. BLUE
#2	1/2" O.D. BLUE
#3	3/8" O.D. BLACK
———	STD PIPING
=====	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
 ENGINE 2002 WITH  
 FRONT BEAM AXLE  
 WITH OPTION FRONT KNEELING  
 & HIGH-BUOY COMBINATION.  
 D140297 P4 REV.B



NOTE:

CONTROL VALVE OPT. "LOW-BUOY" , "A" OR "B" SETTING:

POSITION "A": VALVE IS OPEN,  
AIR FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS NOT IN FUNCTION.

POSITION "B": VALVE CLOSED,  
AIR DOES'NT FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS IN FUNCTION.

TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → RED	SECONDARY
→ → GREEN	PRIMARY & SUPPLY
→ → YELLOW	PARKING BRAKE
→ → BLUE	SUSPENSION
→ → BLACK	ACCESSORIES

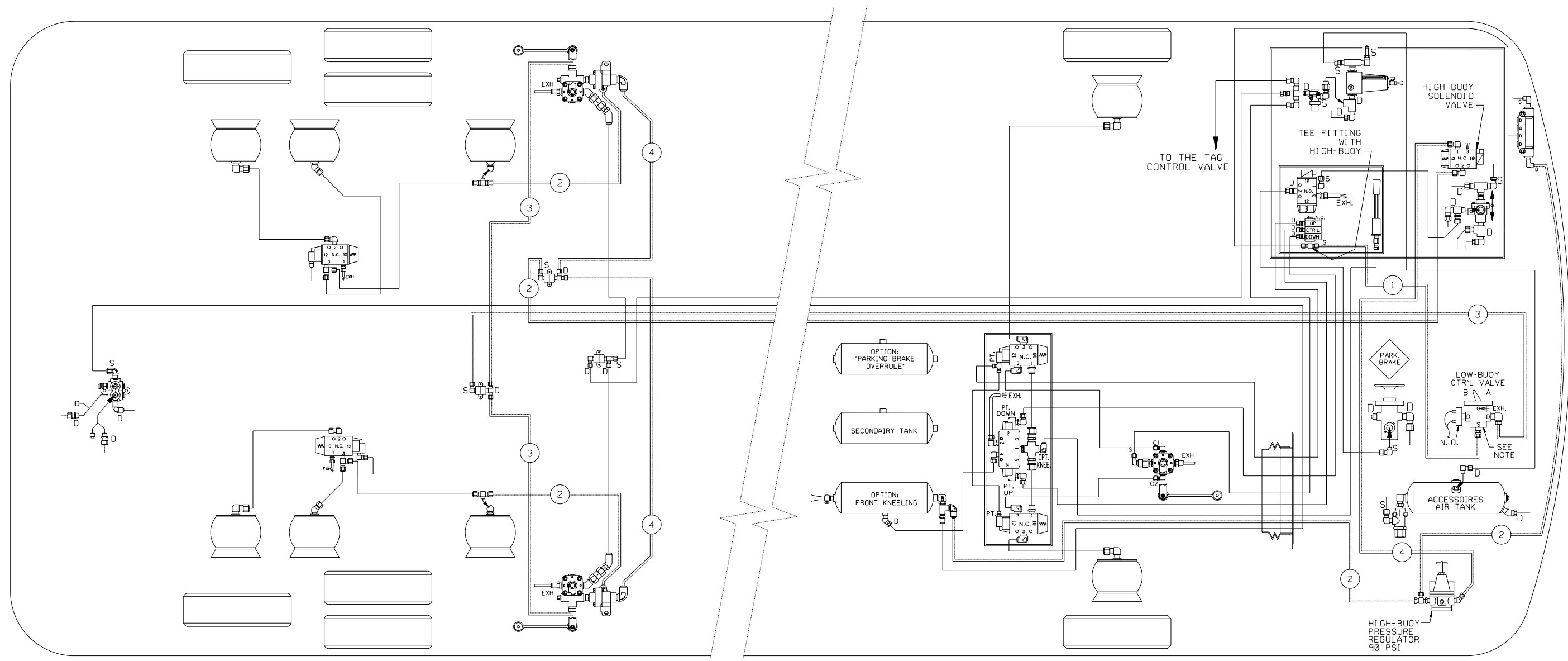
BALLOON	PIPE
*1	1/4" O.D. BLACK
*2	3/8" O.D. BLUE
*3	1/4" O.D. BLUE
*4	1/2" O.D. BLUE
———	STD PIPING
———	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT  
KNEELING, LOW-BUOY &  
HIGH-BUOY COMBINATION.

D140297 P5 REV. A

DATE : 2003/02



NOTE:

CONTROL VALVE OPT. "LOW-BUOY" , "A" OR "B" SETTING:

POSITION "A": VALVE IS OPEN,  
AIR FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS NOT IN FUNCTION.

POSITION "B": VALVE CLOSED,  
AIR DOES'NT FLOW BETWEEN SUPPLY (S) AND  
DELIVERY (D) , LOW-BUOY IS IN FUNCTION.

TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → → RED	SECONDARY
→ → → GREEN	PRIMARY & SUPPLY
→ → → YELLOW	PARKING BRAKE
→ → → BLUE	SUSPENSION
→ → → BLACK	ACCESSORIES

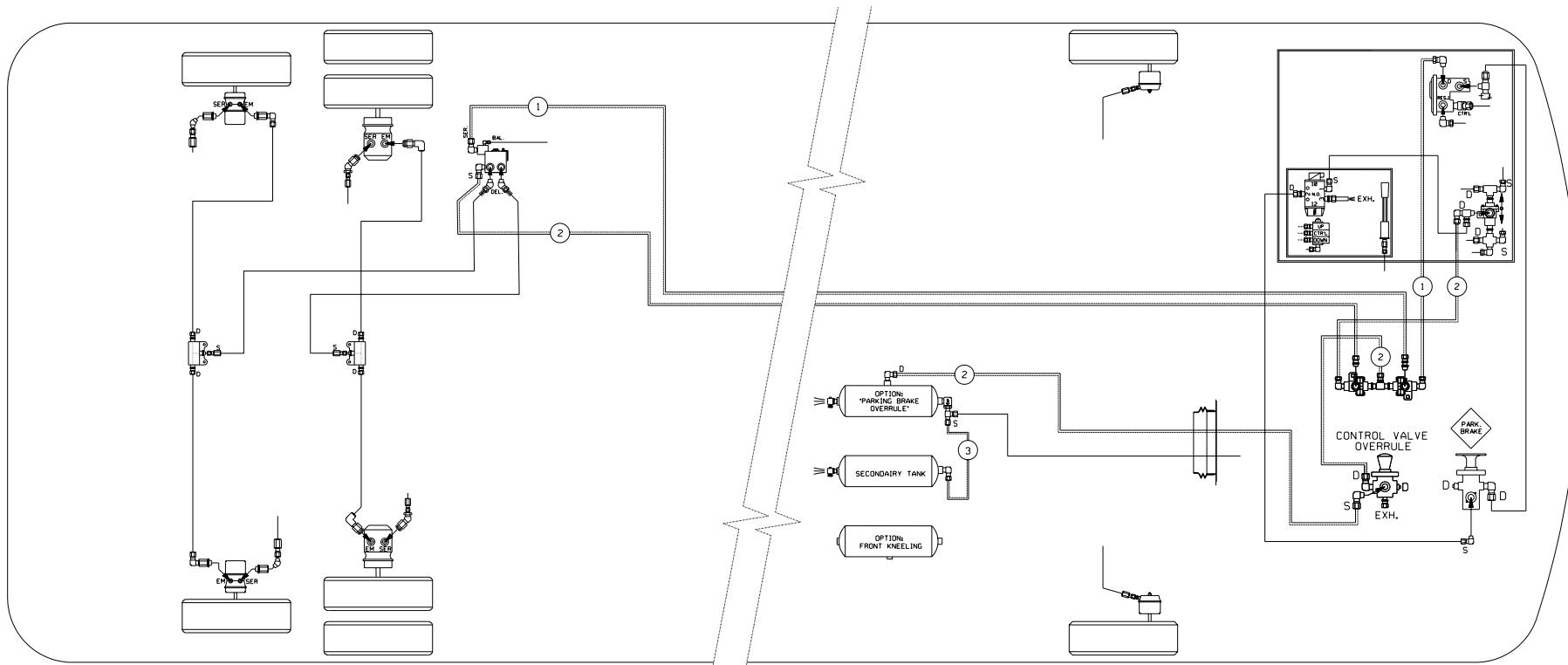
BALLOON	PIPE
#1	1/4" O.D. BLACK
#2	3/8" O.D. BLUE
#3	1/4" O.D. BLUE
#4	1/2" O.D. BLUE
=====	STD PIPING
=====	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION FRONT  
KNEELING, LOW-BUOY &  
HIGH-BUOY COMBINATION.

D140297 P5 REV. B

DATE : 2004/01



TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → → RED	SECONDARY
→ → → GREEN	PRIMARY & SUPPLY
→ → → YELLOW	PARKING BRAKE
→ → → BLUE	SUSPENSION
→ → → BLACK	ACCESSORIES

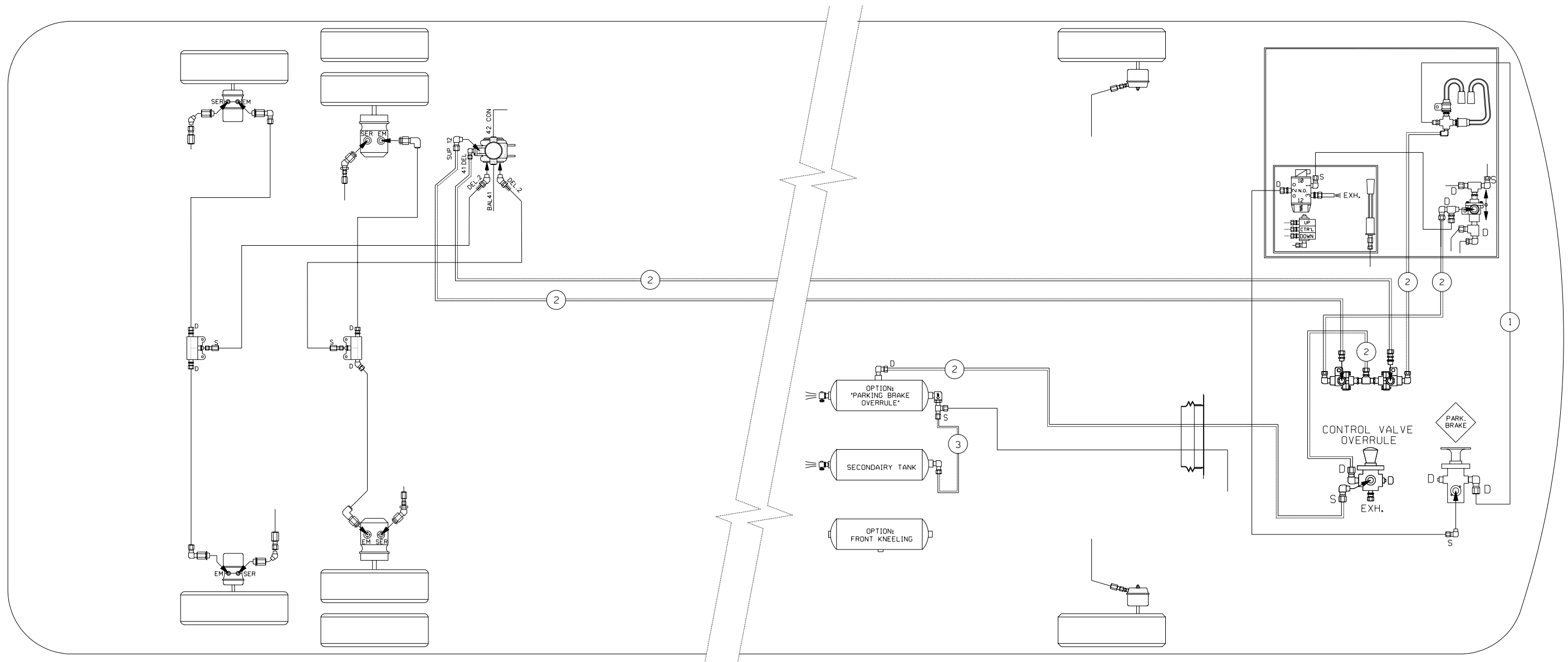
BALLOON	PIPE
#1	1/4" O.D. YELLOW
#2	3/8" O.D. YELLOW
#3	5/8" O.D. RED
———	STD PIPING
—————	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION  
PARKING BRAKE OVERULE

D140297 P6 REV. A

DATE : 2003/04



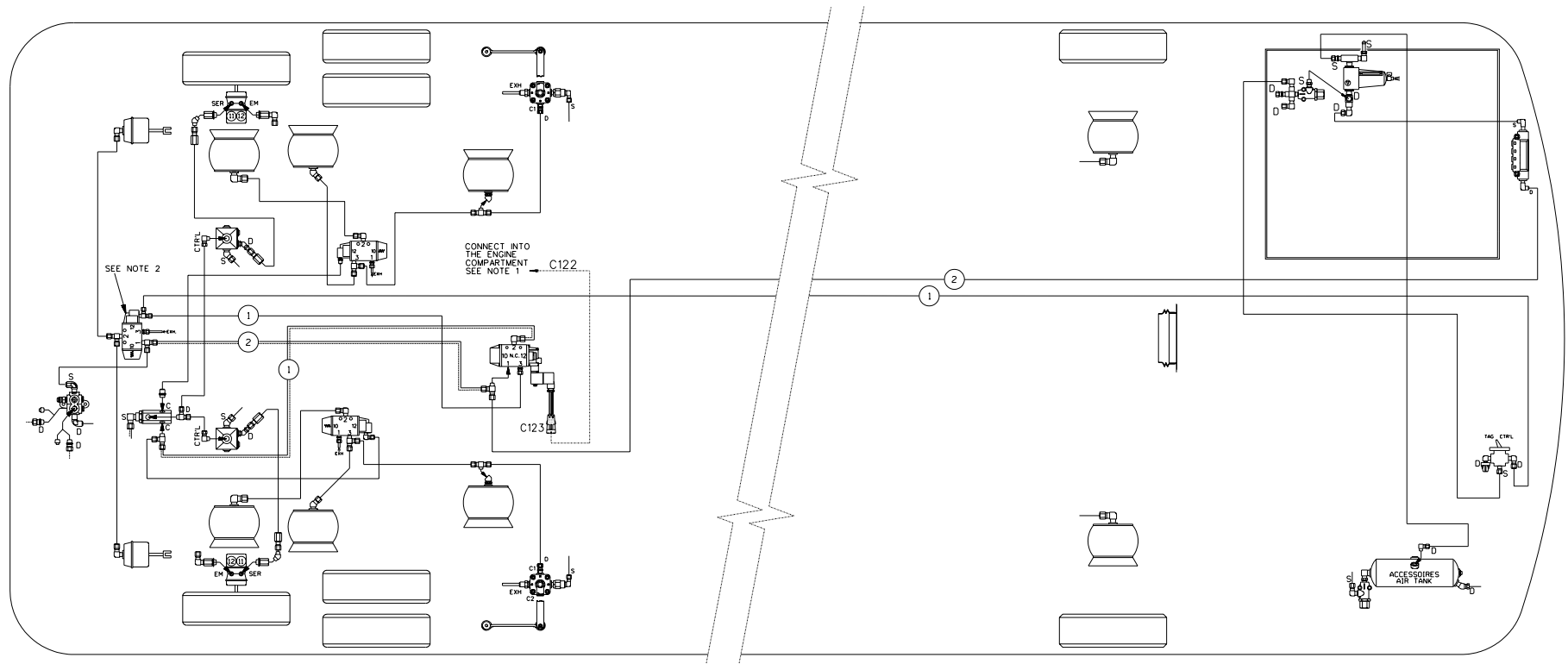
TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

BALLOON	PIPE
#1	1/4" O.D. YELLOW
#2	3/8" O.D. YELLOW
#3	5/8" O.D. RED
—	STD PIPING
==	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION  
PARKING BRAKE OVERRULE

D140297 P6 REV. B



SEE NOTE 1 : ACTUATOR SWITCH MOUNTED ON PITMAN ARM STEERING , IT ACTIVATES THE UNLOAD TAG SYSTEM.

2 : LIFT TAG SYSTEM , STANDARD ON H3-45 MODEL  
LIFT TAG SYSTEM , OPTIONAL ON H3-41 MODEL

TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→→ RED	SECONDARY
→→ GREEN	PRIMARY & SUPPLY
→→ YELLOW	PARKING BRAKE
→→ BLUE	SUSPENSION
→→ BLACK	ACCESSORIES

BALLOON	PIPE
•1	1/4" O.D. BLACK
•2	3/8" O.D. BLACK
—	STD PIPING
—	OPTIONAL PIPING

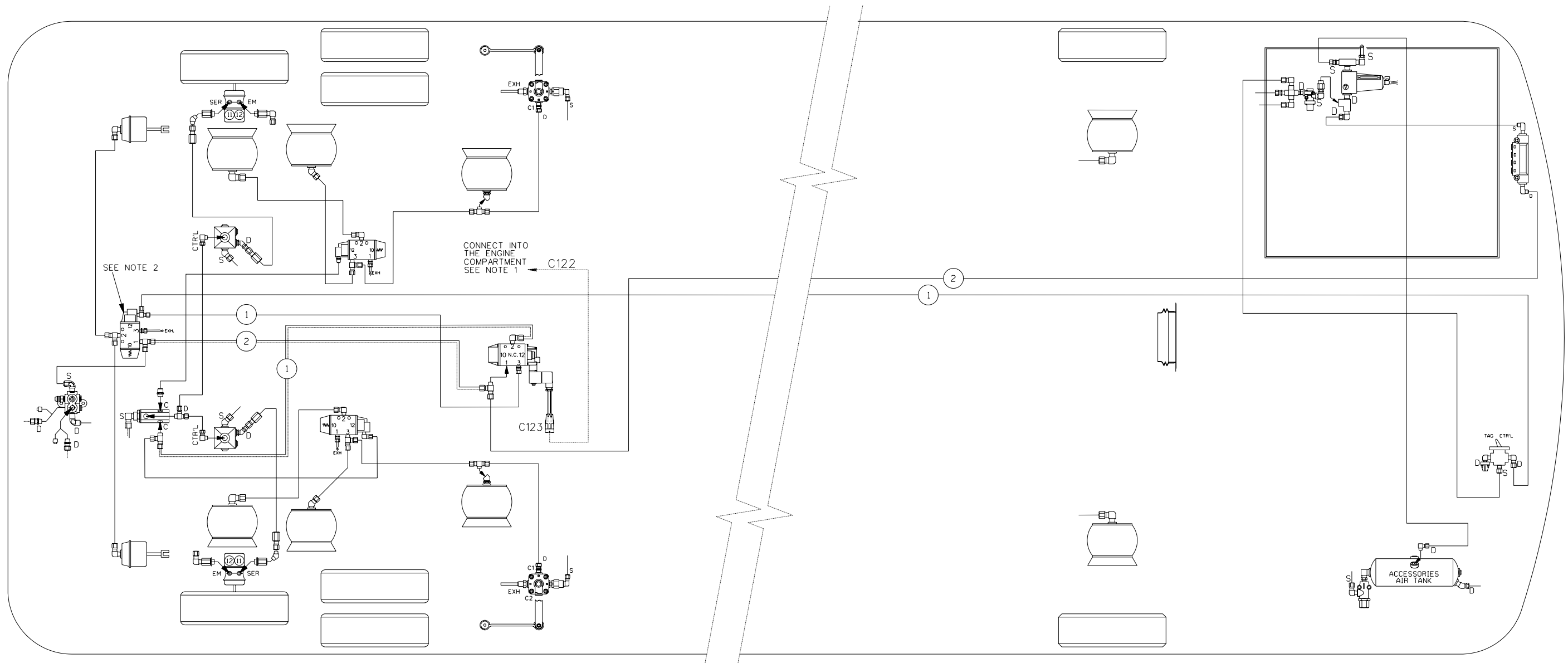
H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION  
UNLOAD TAG SYSTEM

D140297 P7 REV. A

DATE : 2003/04





SEE NOTE 1 : ACTUATOR SWITCH MOUNTED ON PITMAN ARM STEERING ,IT ACTIVATES THE UNLOAD TAG SYSTEM.

2 : LIFT TAG SYSTEM , STANDARD ON H3-45 MODEL  
LIFT TAG SYSTEM , OPTIONAL ON H3-41 MODEL

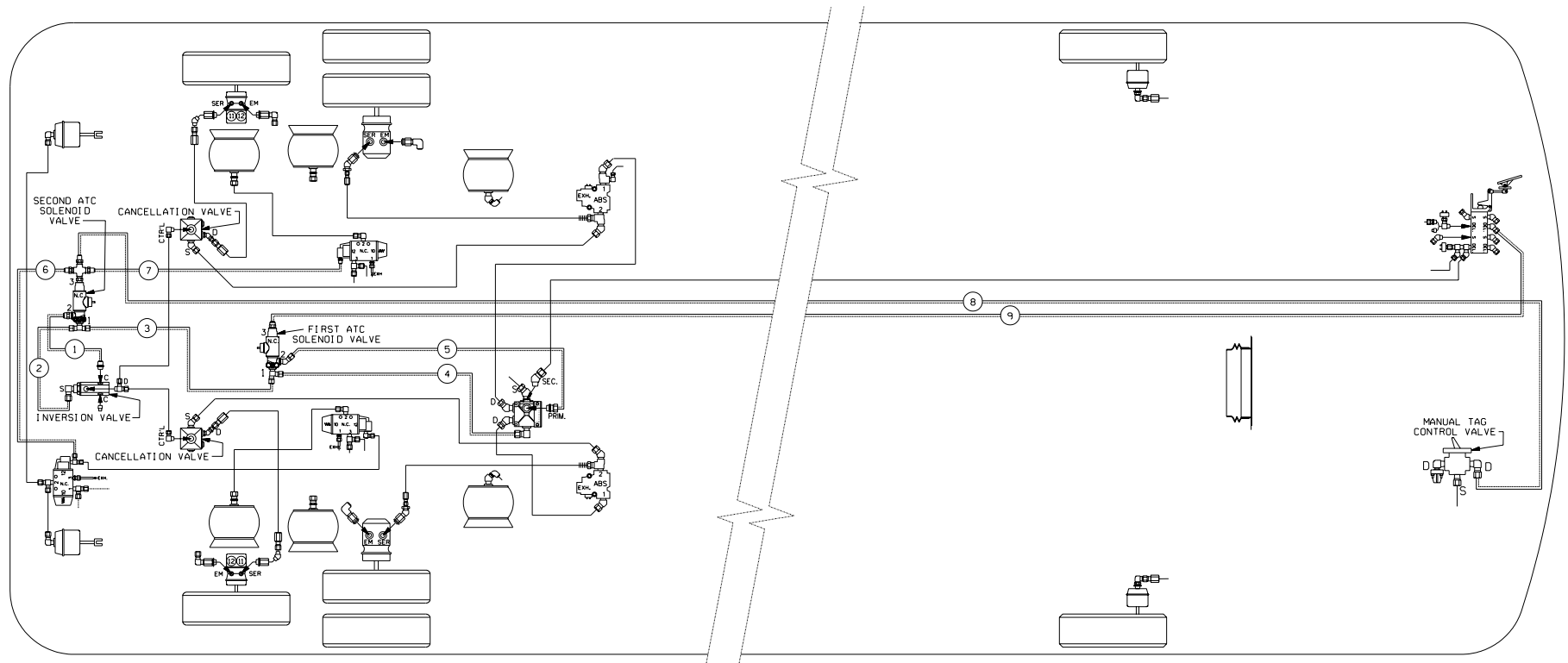
TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

BALLOON	PIPE
#1	1/4" O.D. BLACK
#2	3/8" O.D. BLACK
———	STD PIPING
———	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION  
UNLOAD TAG SYSTEM

D1 40297 P7 REV. B



Traction Control (ATC) with ABS

For the ATC with an ABS 4 sensors and 4 modulator valves we are using our regular tag brake cancellation system when the ATC is in function.

Let's first look at the regular system. When we want to raise the tag, we flip the manual tag control to supply pilot pressure to the inversion valve controlport. This pressure is now passing through a second ATC valve. With pressure on controlport, the inversion valve will dump delivery air. This is removing control pressure on relay valves that will then shut pressure to the tag brake chambers and remove any pressure that might have been in the chamber.

Using the brake cancellation system adds a second ATC valve as mentioned. It is controlled by the contact side of a relay being energized by the ATC light ECU output as accepted by Wabco. So when you check the ATC light, pressure is building in line #1. When light shuts off, pressure is exhausting at tag control valve nearby the driver, giving him an audible indication that it's valve is working. The explanation for the ATC system itself can be found in the Rockwell Wabco maintenance manual no. 30.

NOTE:

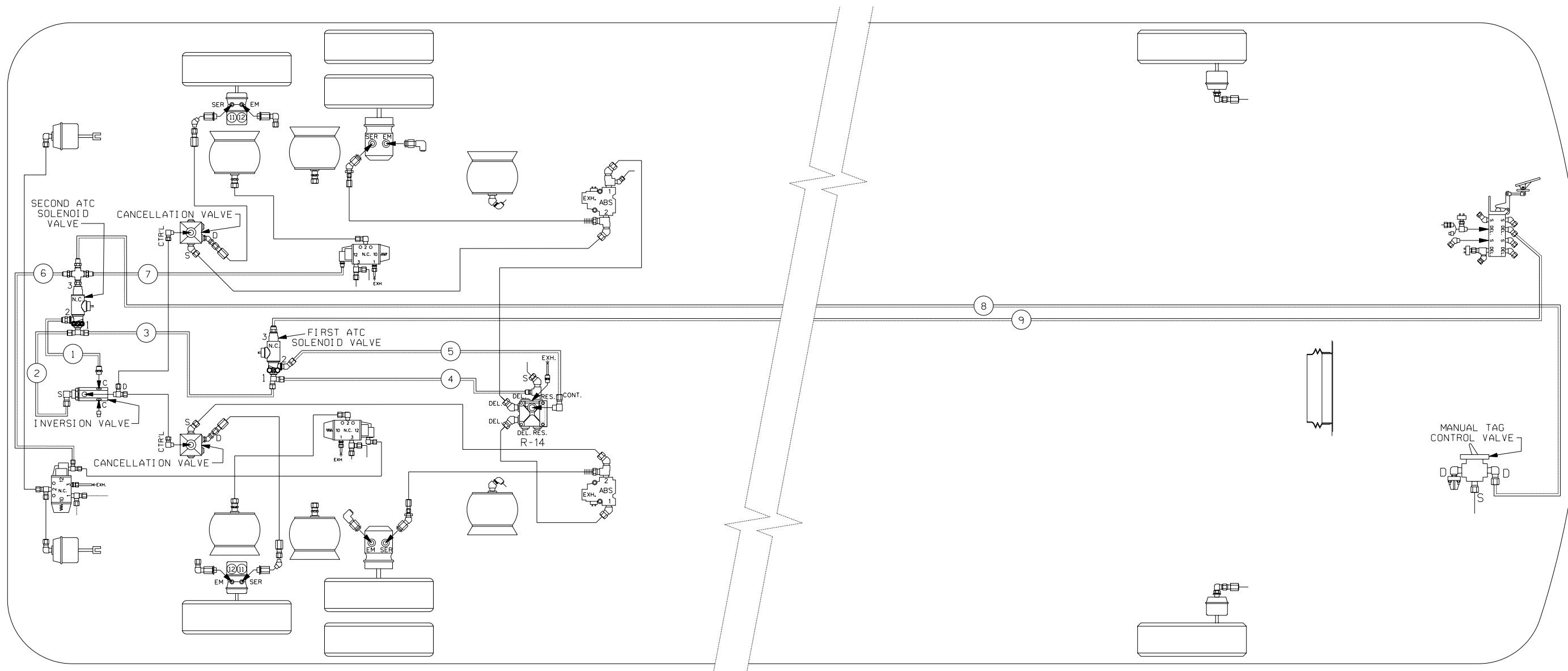
FIRST AND SECOND ATC VALVE SOLENOID ARE NORMALLY CLOSE  
 ATC SYSTEM "OFF" : 2 & 3 OPEN , 1 CLOSE  
 ATC SYSTEM "ON" : 1 & 2 OPEN , 3 CLOSE

BALLOON	PIPE
*1, *6, *7, *8	1/4" O.D. BLACK
*2, *3, *4, *5, *9	3/8" O.D. VERT
—————	STD PIPING
=====	OPTIONAL PIPING

TUBE COLOR CODING	
ACTIVE/COLOR	CIRCUIT
→ → → RED	SECONDARY
→ → → GREEN	PRIMARY & SUPPLY
→ → → YELLOW	PARKING BRAKE
→ → → BLUE	SUSPENSION
→ → → BLACK	ACCESSORIES

H3-45 COACHE, (BREWSTER)  
 ENGINE 2002 WITH  
 FRONT BEAM AXLE

WITH OPTION  
 TRACTION CONTROL  
 D140297 P8 REV. A



Traction Control(ATC) with ABS

For the ATC with an ABS 4 sensors and 4 modulator valves we are using our regular tag brake cancellation system when the ATC is in function.

Let's first look at the regular system. When we want to raise the tag, we flip the manual tag control to supply pilot pressure to the inversion valve controlport. This pressure is now passing through a second ATC valve. With pressure on controlport, the inversion valve will dump delivery air. This is removing control pressure on relay valves that will then shut pressure to the tag brake chambers and remove any pressure that might have been in the chamber.

Using the brake cancellation system adds a second ATC valve as mentioned. It is controlled by the contact side of a relay being energized by the ATC light ECU output as accepted by Wabco. So when you check the ATC light, pressure is building in line #1. When light shuts off, pressure is exhausting at tag control valve nearby the driver, giving him a audible indication that it's valve is working. The explanation for the ATC system itself can be found in the Rockwell Wabco maintenance manual no. 30.

NOTE:

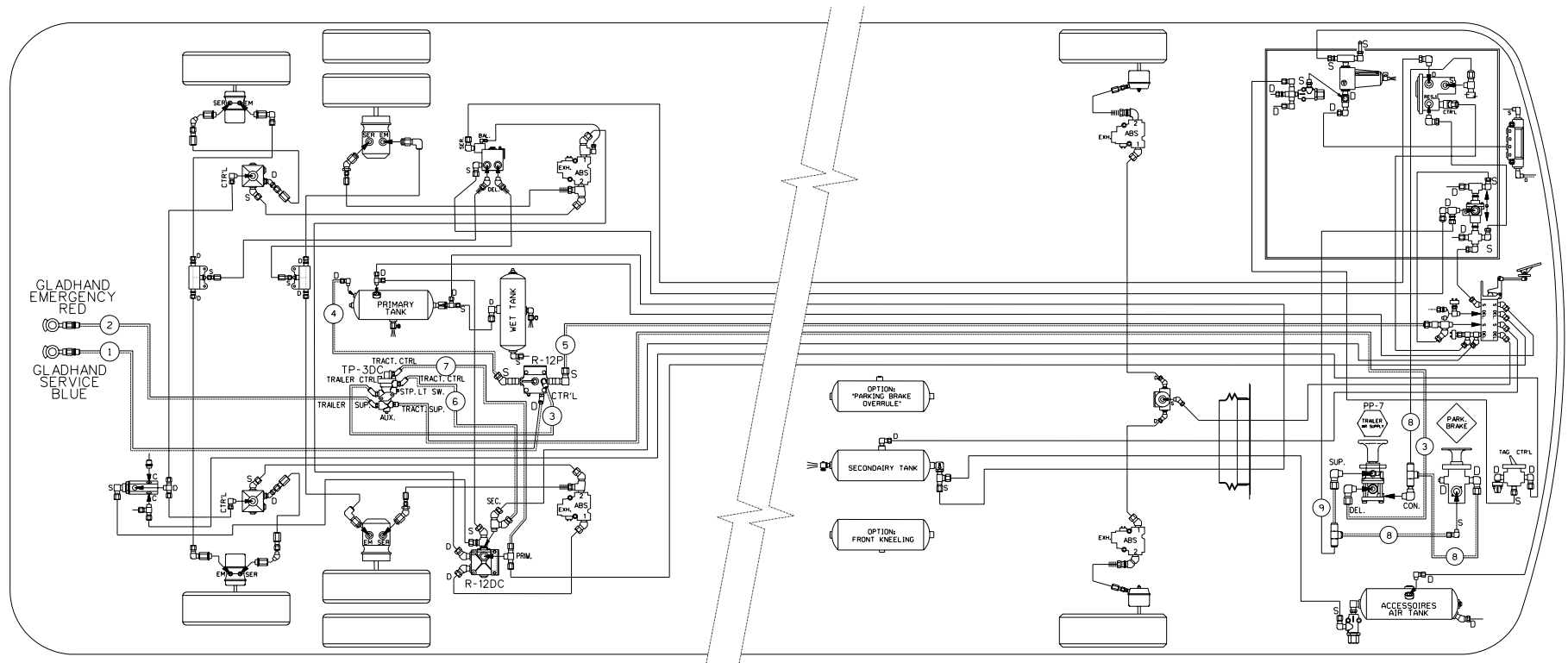
FIRST AND SECOND ATC VALVE SOLENOID ARE NORMALLY CLOSE  
 ATC SYSTEM "OFF" : 2 & 3 OPEN , 1 CLOSE  
 ATC SYSTEM "ON" : 1 & 2 OPEN , 3 CLOSE

BALLOON	PIPE
#1, #6, #7, #8	1/4" O.D. BLACK
#2, #3, #4, #5, #9	3/8" O.D. VERT
—	STD PIPING
==	OPTIONAL PIPING

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ →	RED	SECONDARY
→ →	GREEN	PRIMARY & SUPPLY
→ →	YELLOW	PARKING BRAKE
→ →	BLUE	SUSPENSION
→ →	BLACK	ACCESSORIES

H3-45 COACHE, ( BREWSTER)  
 ENGINE 2002 WITH  
 FRONT BEAM AXLE

WITH OPTION  
 TRACTION CONTROL  
 D1 40297 P8 REV. B



GLADHAND  
EMERGENCY  
RED

GLADHAND  
SERVICE  
BLUE

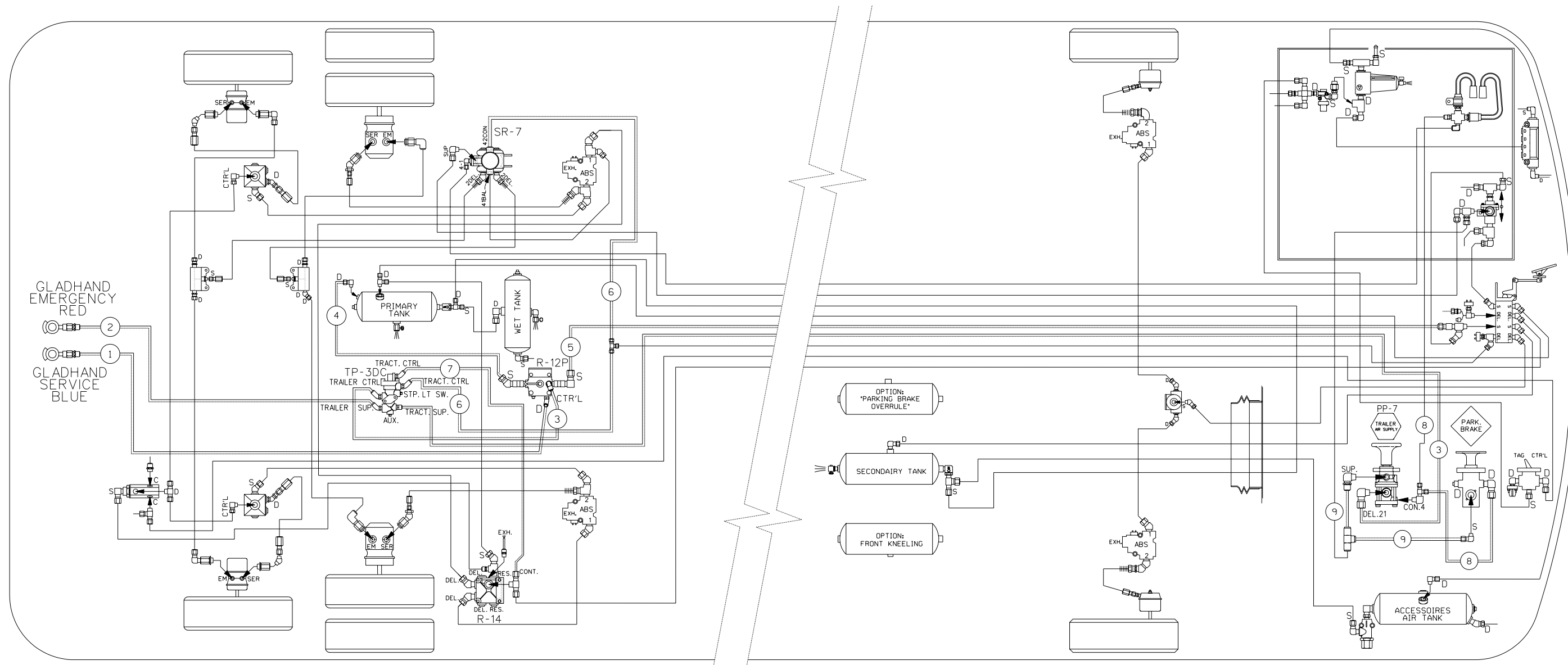
TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→	→	→ RED SECONDARY
→	→	→ GREEN PRIMARY & SUPPLY
→	→	→ YELLOW PARKING BRAKE
→	→	→ BLUE SUSPENSION
→	→	→ BLACK ACCESSORIES

BALLOON	PIPE
*1	1/2" O.D. GREEN
*2	1/2" O.D. BROWN
*3	3/8" O.D. BROWN
*4	5/8" O.D. GREEN
*5	5/8" O.D. RED
*6	3/8" O.D. RED
*7	3/8" O.D. GREEN
*8	1/4" O.D. YELLOW
*9	3/8" O.D. YELLOW
—	STD PIPING
—	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION  
TRAILER HITCH  
D140297 P9 REV. A

DATE : 2003/05



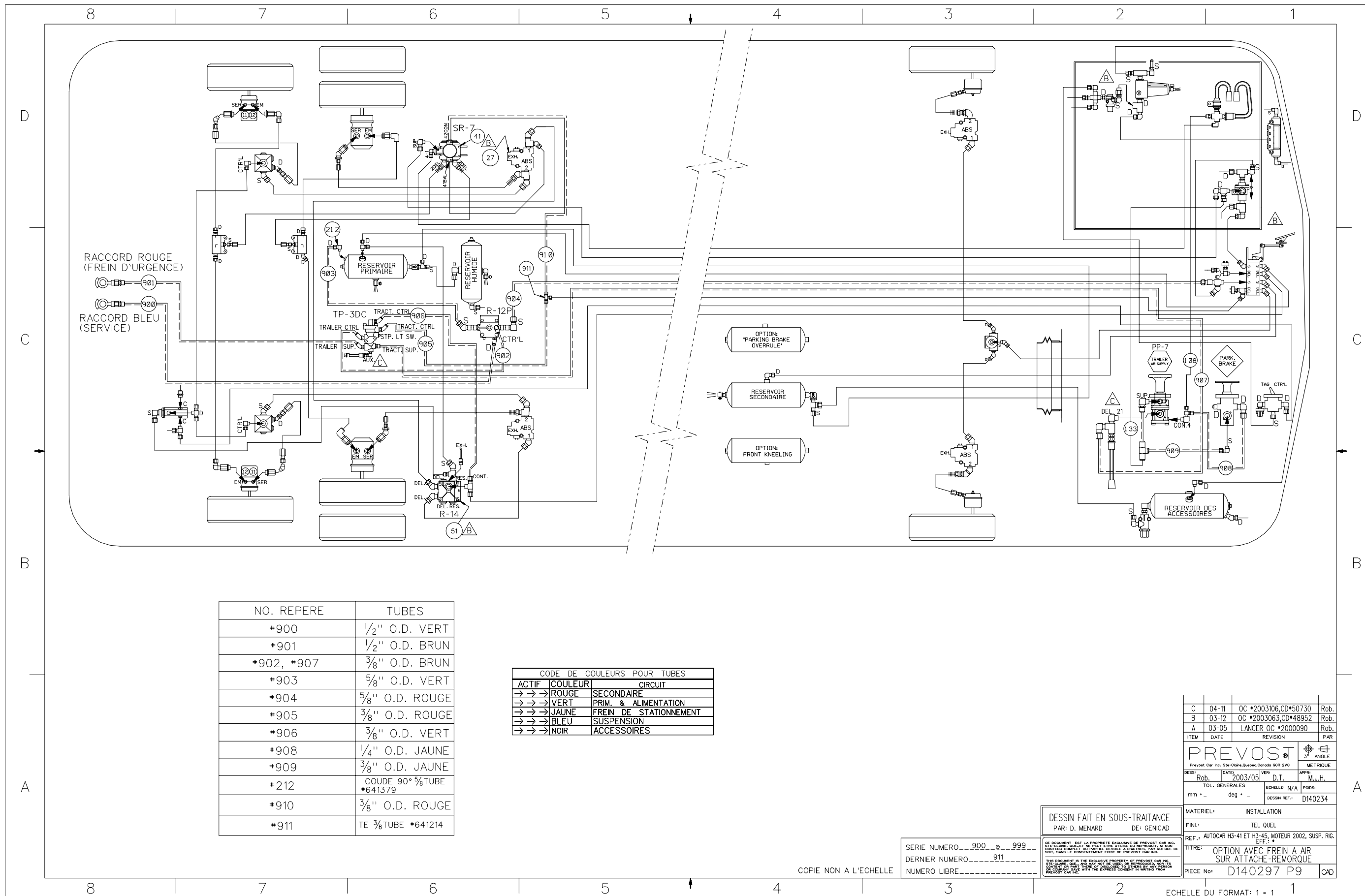
TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → → RED	SECONDARY
→ → → GREEN	PRIMARY & SUPPLY
→ → → YELLOW	PARKING BRAKE
→ → → BLUE	SUSPENSION
→ → → BLACK	ACCESSORIES

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

H3-41 & H3-45 COACHES,  
ENGINE 2002 WITH  
FRONT BEAM AXLE

WITH OPTION  
TRAILER HITCH

D1 40297 P9 REV. B



NO. REPERE	TUBES
#900	1/2" O.D. VERT
#901	1/2" O.D. BRUN
#902, #907	3/8" O.D. BRUN
#903	5/8" O.D. VERT
#904	5/8" O.D. ROUGE
#905	3/8" O.D. ROUGE
#906	3/8" O.D. VERT
#908	1/4" O.D. JAUNE
#909	3/8" O.D. JAUNE
#212	COUDE 90° 5/8 TUBE #641379
#910	3/8" O.D. ROUGE
#911	TE 3/8 TUBE #641214

CODE DE COULEURS POUR TUBES		
ACTIF	COULEUR	CIRCUIT
→ →	ROUGE	SECONDAIRE
→ →	VERT	PRIM. & ALIMENTATION
→ →	JAUNE	FREIN DE STATIONNEMENT
→ →	BLEU	SUSPENSION
→ →	NOIR	ACCESSOIRES

SERIE NUMERO 900 @ 999  
 DERNIER NUMERO 911  
 NUMERO LIBRE

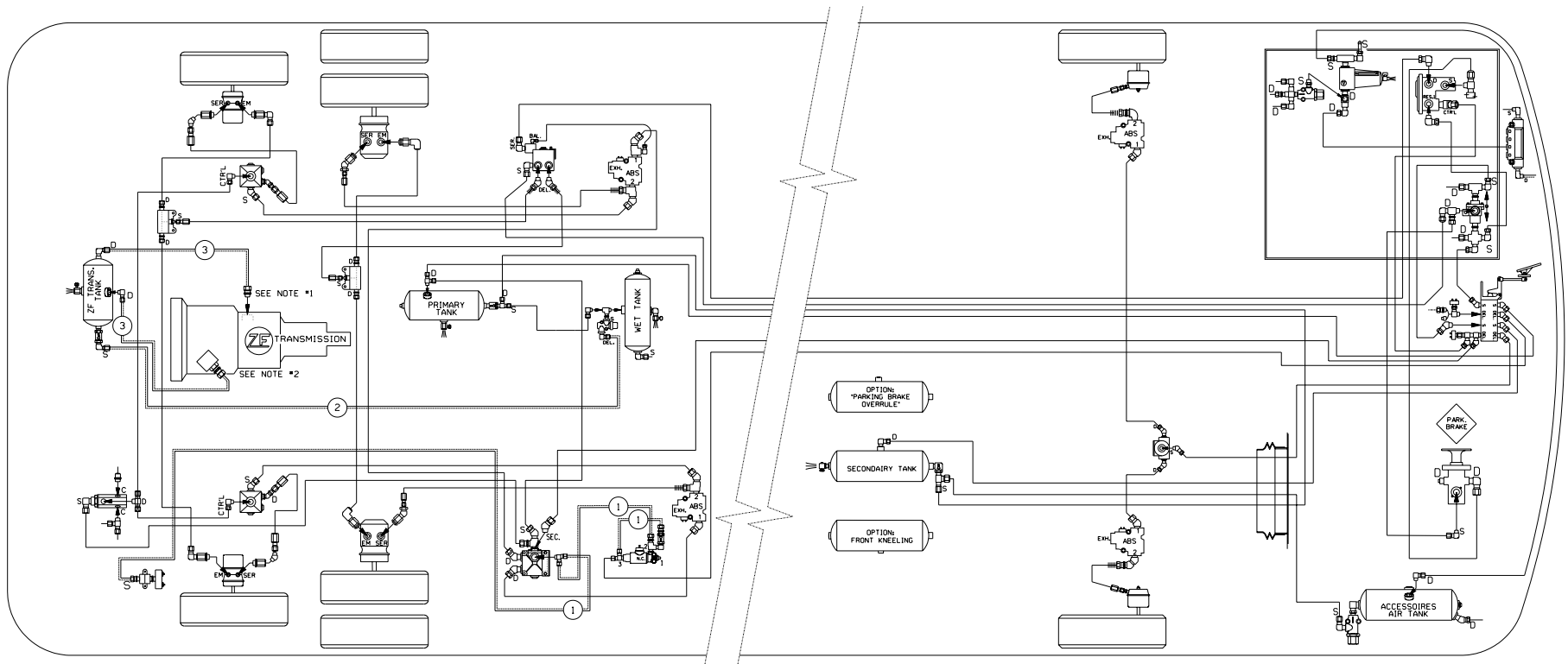
COPIE NON A L'ECHELLE

DESSIN FAIT EN SOUS-TRAITANCE  
 PAR: D. MENARD DE: GENICAD

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C	04-11	OC #2003106,CD#50730	Rob.
B	03-12	OC #2003063,CD#48952	Rob.
A	03-05	LANCER OC #2000090	Rob.
ITEM	DATE	REVISION	PAR
<b>PREVOST</b>			
Prevost Car Inc. Ste-Clotilde, Quebec, Canada G2R 2V0			
DESS:	DATE:	VER:	APP:
Rob.	2003/05	D.T.	M.J.H.
TOL. GENERALES	ECHELLE: N/A	PRODS:	
mm ° -	deg ° -	DESSIN REF.:	D140234
MATERIEL:	INSTALLATION		
FINI:	TEL QUEL		
REF.:	AUTOCAR H3-41 ET H3-45, MOTEUR 2002, SUSP. RIG. EFF. *		
TITRE:	OPTION AVEC FREIN A AIR SUR ATTACHE-REMORQUE		
PIECE No:	D140297 P9		CAD

ECHELLE DU FORMAT: 1 = 1



NOTE:  
 1- CLUTCH AIR HOSE  
 2- SUPPLY AIR HOSE

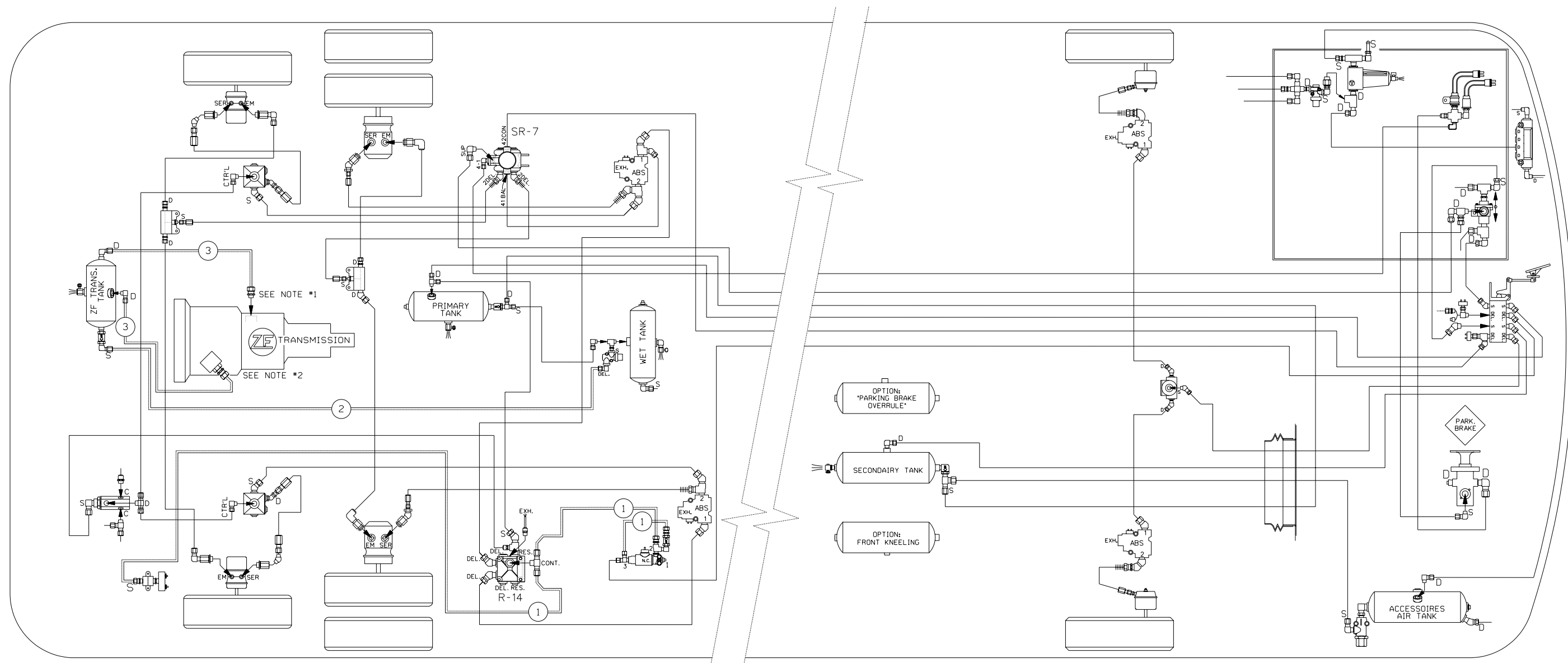
TUBE COLOR CODING	
ACTIVE COLOR	CIRCUIT
→ → RED	SECONDARY
→ → GREEN	PRIMARY & SUPPLY
→ → YELLOW	PARKING BRAKE
→ → BLUE	SUSPENSION
→ → BLACK	ACCESSORIES

BALLOON	PIPE
# 1	3/8" O.D. GREEN
# 2	3/8" O.D. BLACK
# 3	5/8" O.D. BLACK
—	STD PIPING
—	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
 ENGINE 2002 WITH  
 FRONT BEAM AXLE

WITH OPTION  
 ZF TRANSMISSION  
 D140297 P10 REV. A

DATE : 2002/11



NOTE:  
 1- CLUTCH AIR HOSE  
 2- SUPPLY AIR HOSE

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

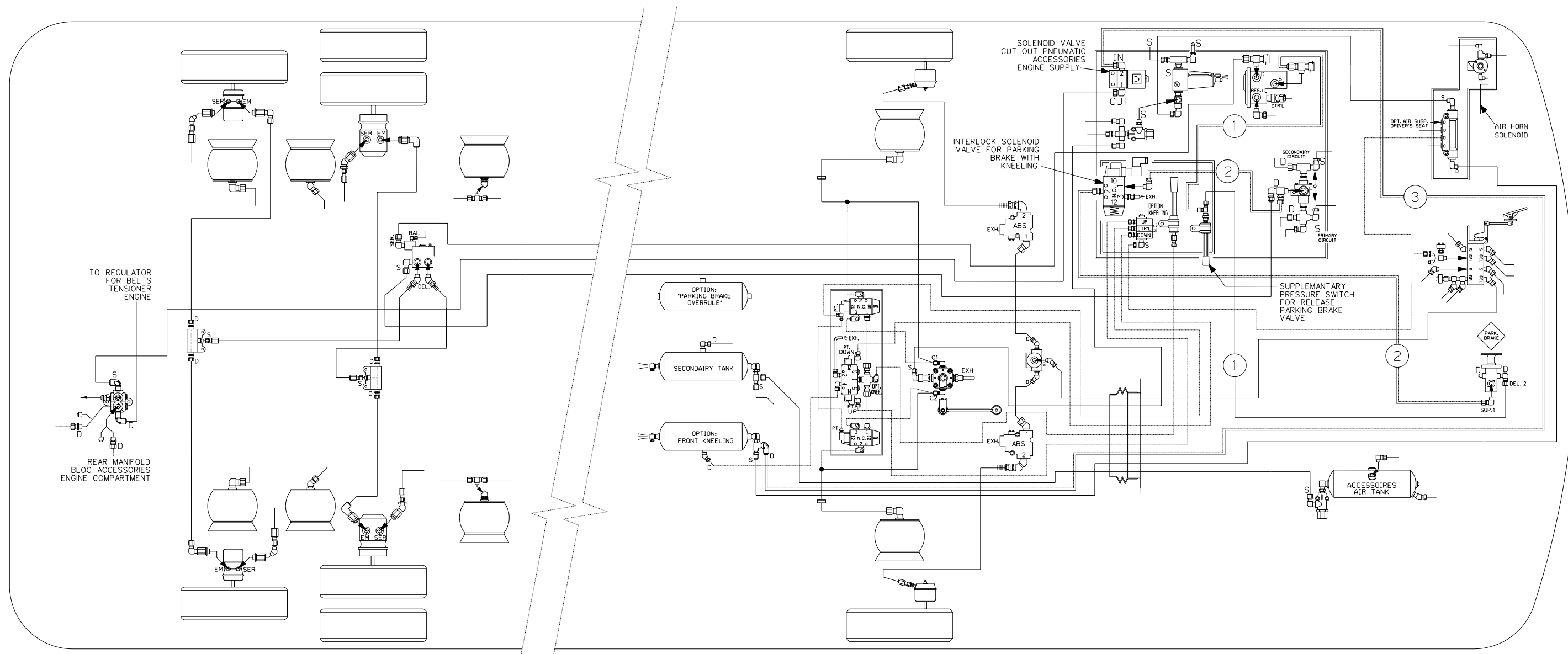
BALLOON	PIPE
#1	3/8" O.D. GREEN
#2	3/8" O.D. BLACK
#3	5/8" O.D. BLACK
—	STD PIPING
==	OPTIONAL PIPING

H3-41 & H3-45 COACHES,  
 ENGINE 2002 WITH  
 FRONT BEAM AXLE

WITH OPTION  
 ZF TRANSMISSION

D1 40297 P10 REV. B

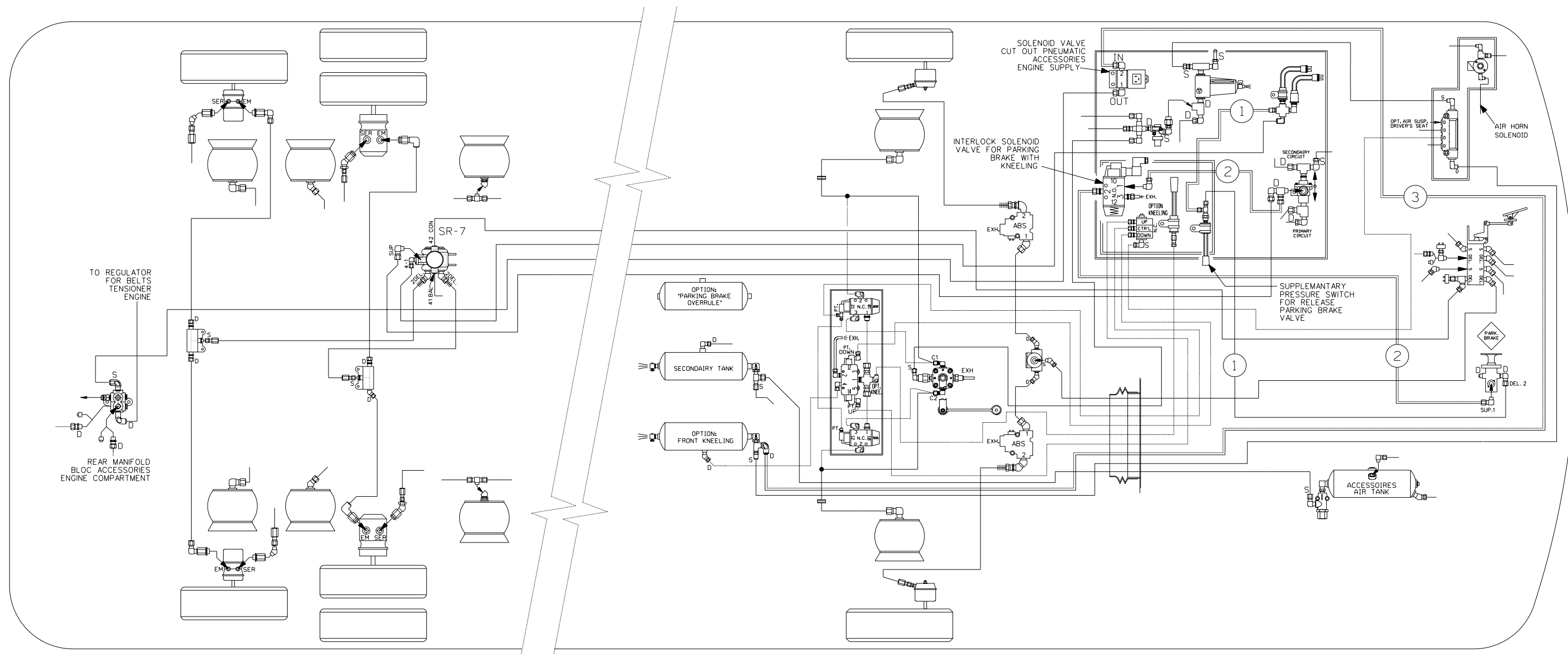




TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

BALLOON	PIPE
#1	1/4" O.D. YELLOW
#2	3/8" O.D. YELLOW
#3	3/8" O.D. BLACK
———	STD PIPING
=====	OPTIONAL PIPING

H3-45 COACH, ORLEANS  
 ENGINE 2002  
 WITH FRONT BEAM AXLE  
 WITH OPTION PARKING BRAKE  
 RELEASE WITH  
 SUPPLEMENTARY SWITCH  
 D1 40297 P.12 REV. A



TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
→ → →	RED	SECONDARY
→ → →	GREEN	PRIMARY & SUPPLY
→ → →	YELLOW	PARKING BRAKE
→ → →	BLUE	SUSPENSION
→ → →	BLACK	ACCESSORIES

BALLOON	PIPE
#1	1/4" O.D. YELLOW
#2	3/8" O.D. YELLOW
#3	3/8" O.D. BLACK
=====	STD PIPING
=====	OPTIONAL PIPING

H3-45 COACH, ORLEANS  
 ENGINE 2002  
 WITH FRONT BEAM AXLE  
 WITH OPTION PARKING BRAKE  
 RELEASE WITH  
 SUPPLEMENTARY SWITCH  
 D1 40297 P.12 REV.B