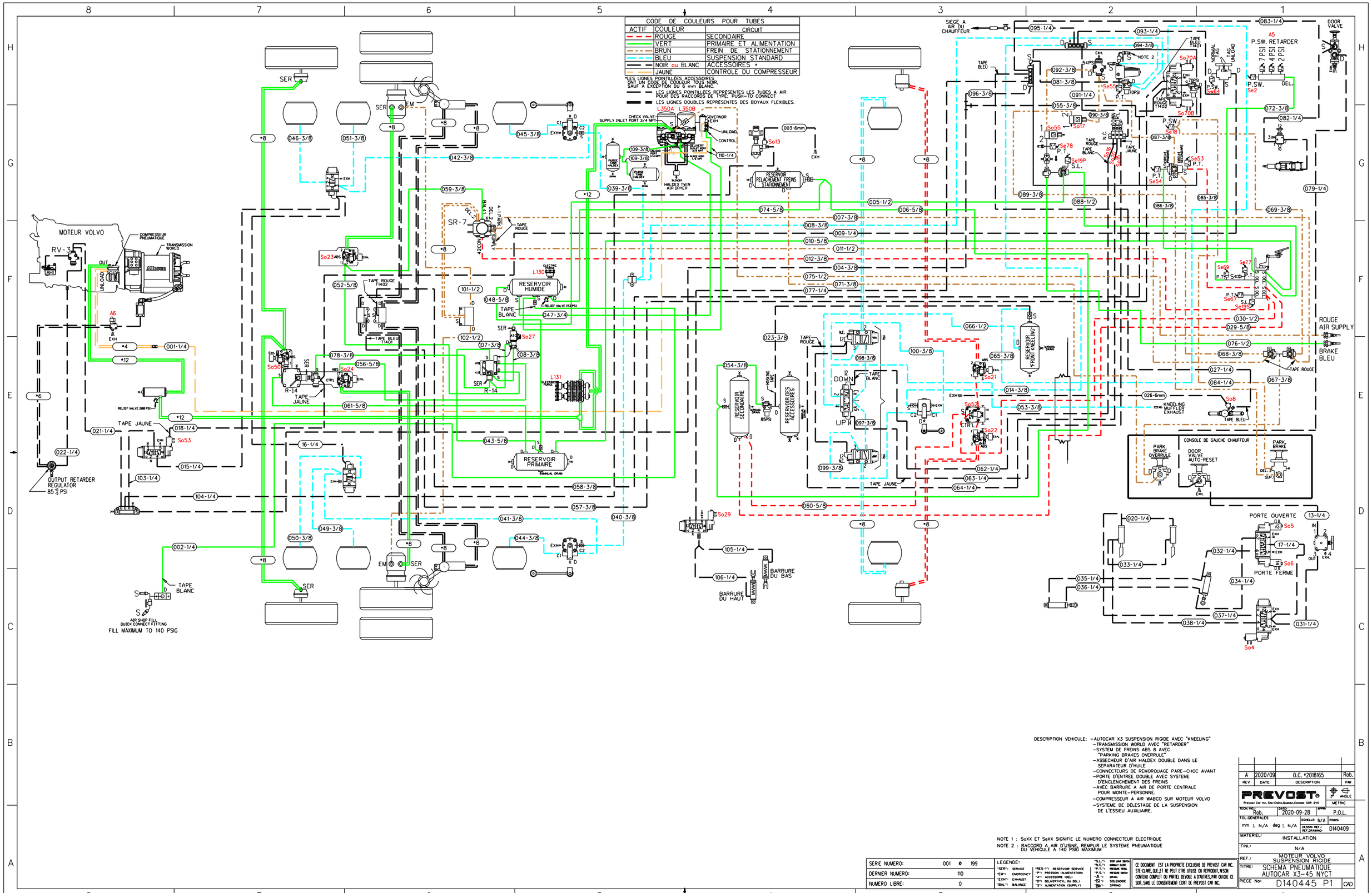


DESCRIPTION VEHICULE:
- AUTOCAR X3 SUSPENSION RIGIDE AVEC "KNEELING"
- TRANSMISSION WORLD AVEC "RETARDER"
- SYSTEM DE FREINS ABS 8 AVEC "PARKING BRAKES OVERRULE"
- ASSECHEUR D'AIR HALDEX DOUBLE DANS LE SEPARATEUR D'HUILE
- CONNECTEURS DE REMORQUAGE PARE-CHOC AVANT
- PORTE D'ENTREE DOUBLE AVEC SYSTEME D'ENCLENCHEMENT DES FREINS
- AVEC BARRURE A AIR DE PORTE CENTRALE POUR MONTE-PERSONNE.
- COMPRESSEUR A AIR WABCO SUR MOTEUR VOLVO
- SYSTEME DE DÉLESTAGE DE LA SUSPENSION DE L'ESSIEU AUXILIAIRE.

NOTE 1 : SoXX ET SeXX SIGNIFIE LE NUMERO CONNECTEUR ELECTRIQUE
NOTE 2 : RACCORD A AIR D'USINE, REMPLIR LE SYSTEME PNEUMATIQUE DU VEHICULE A 140 PSIG MAXIMUM

SERIE NUMERO:	001 0 199
DERNIER NUMERO:	110
NUMERO LIBRE:	0

LEGENDE:
"SER": SERVICE
"EM": EMERGENCY
"EXH": EXHAUST
"BAL": BALANCE
"RES-T": RESERVOIR SERVICE
"P": PRESSION (ALIMENTATION)
"A": ACCESSORE (DEL)
"D": DELIVERY(CYL. OU DEL.)
"S": ALIMENTATION (SUPPLY)
"S.L.": STOP LIGHT SWITCH
"N.C.": NORMAL CLOSE
"P.T.": PRESSURE TRANS.
"P.S.": PRESSURE SWITCH
"D": DRAIN
"S": SOLENOIDE
"SP": SPRING

CE DOCUMENT EST LA PROPRIETE EXCLUSIVE DE PREVOST CAR INC. STE-CLARE, QUE.,IL NE PEUT ETRE UTILISE OU REPRODUIT, NI SON CONTENU COMPLET OU PARTIEL DEVOILE A D'AUTRES, PAR QUIQUE CE SOIT, SANS LE CONSENTEMENT ECRIT DE PREVOST CAR INC.

REV	DATE	DESCRIPTION	PAR
A	2020/09	O.C. *2018165	Rob.

PREVOST®
Prevost Car Inc. Ste-Claire,Quebec,Canada G0R 2V0

TECH. INC.: Rob.	DATE: 2020-09-28	APPR: P.O.L.	
TOL. GENERALES: mm ± N/A deg ± N/A		ECHELLE: N/A	POIDS:
		DESIGN REF./REF. DRAWING: D140409	
MATERIEL: INSTALLATION			
FINI.: N/A			
REF.: MOTEUR VOLVO SUSPENSION RIGIDE			
TITRE: SCHEMA PNEUMATIQUE AUTOCAR X3-45 NYCT			
PIECE No: D140445 P1			CAD

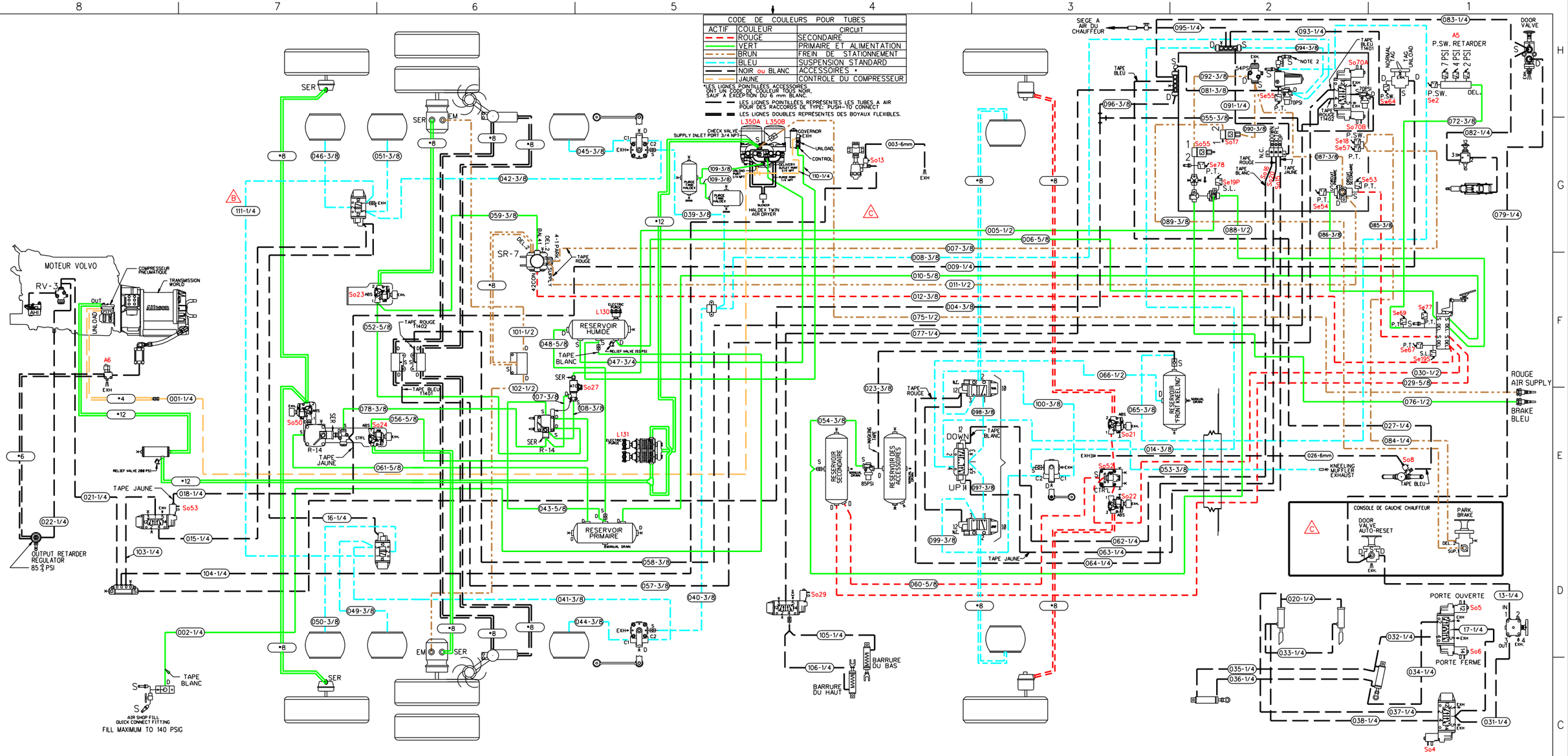
3° ANGLE
METRIC

CODE DE COULEURS POUR TUBES		
ACTIF	COULEUR	CIRCUIT
	ROUGE	SECONDAIRE
	VERT	PRIMAIRE ET ALIMENTATION
	BRUN	FREIN DE STATIONNEMENT
	BLEU	SUSPENSION STANDARD
	NOIR ou BLANC	ACCESSOIRES *
	JAUNE	CONTROLE DU COMPRESSEUR

*LES LIGNES POINTILLEES ACCESSOIRES ONT UN CODE DE COULEUR TOUS NOIR, SAUF A EXCEPTION DU 8 mm BLANC.

LES LIGNES POINTILLEES REPRESENTES LES TUBES A AIR POUR DES RACCORDS DE TYPE: PUSH-TO CONNECT

LES LIGNES DOUBLES REPRESENTES DES BOYAUX FLEXIBLES.



DESCRIPTION VEHICULE:
- AUTOCAR X3 SUSPENSION RIGIDE AVEC "KNEELING"
- TRANSMISSION WORLD AVEC "RETARDER"
- SYSTEM DE FREINS ABS 8 AVEC "PARKING BRAKES OVERRULE"
- ASSECHEUR D'AIR HALDEX DOUBLE DANS LE SEPARATEUR D'HUILE
- CONNECTEURS DE REMOROUAGE PARE-CHOC AVANT
- PORTE D'ENTREE DOUBLE AVEC SYSTEME D'ENCLENCHEMENT DES FREINS
- AVEC BARRURE A AIR DE PORTE CENTRALE POUR MONTE-PERSONNE.
- COMPRESSEUR A AIR WABCO SUR MOTEUR VOLVO
- SYSTEME DE DELESTAGE DE LA SUSPENSION DE L'ESSIEU AUXILIAIRE.

NOTE 1 : SoXX ET SeXX SIGNIFIE LE NUMERO CONNECTEUR ELECTRIQUE
NOTE 2 : RACCORD A AIR D'USINE, REMPLIR LE SYSTEME PNEUMATIQUE DU VEHICULE A 140 PSIG MAXIMUM

SERIE NUMERO:	001 @ 199
DERNIER NUMERO:	110
NUMERO LIBRE:	0

LEGENDE:
"SER": SERVICE
"EM": EMERGENCY
"EXH": EXHAUST
"BAL": BALANCE
"RES-1": RESERVOIR SERVICE
"P": PRESSION (ALIMENTATION)
"A": ACCESSOIRE (DEL)
"D": DELIVERY(CYL. OU DEL)
"S": ALIMENTATION (SUPPLY)
"BLL": STOP LIGHT SWITCH
"N.C.": NORMALY CLOSE
"P.S.": PRESSURE SWITCH
"P.S.": PRESSURE SWITCH
"B.": DRAIN
"S": SOLENOIDE
"SPR": SPRING

CE DOCUMENT EST LA PROPRIETE EXCLUSIVE DE PREVOST CAR INC. SITE-CLAIRE, QUE.,ET NE PEUT ETRE UTILISE OU REPRODUIT, N'SON CONTENU COMPLET OU PARTIEL DEVOILE A D'AUTRES, PAR QUIQUE CE SOIT, SANS LE CONSENTEMENT ECRIT DE PREVOST CAR INC.

REV	DATE	DESCRIPTION	PAR
C	2023/04	O.C. *2023004	RGOS
B	2022/02	O.C. *2022011	R.AJ.
A	2020/09	O.C. *2018165	Rob.

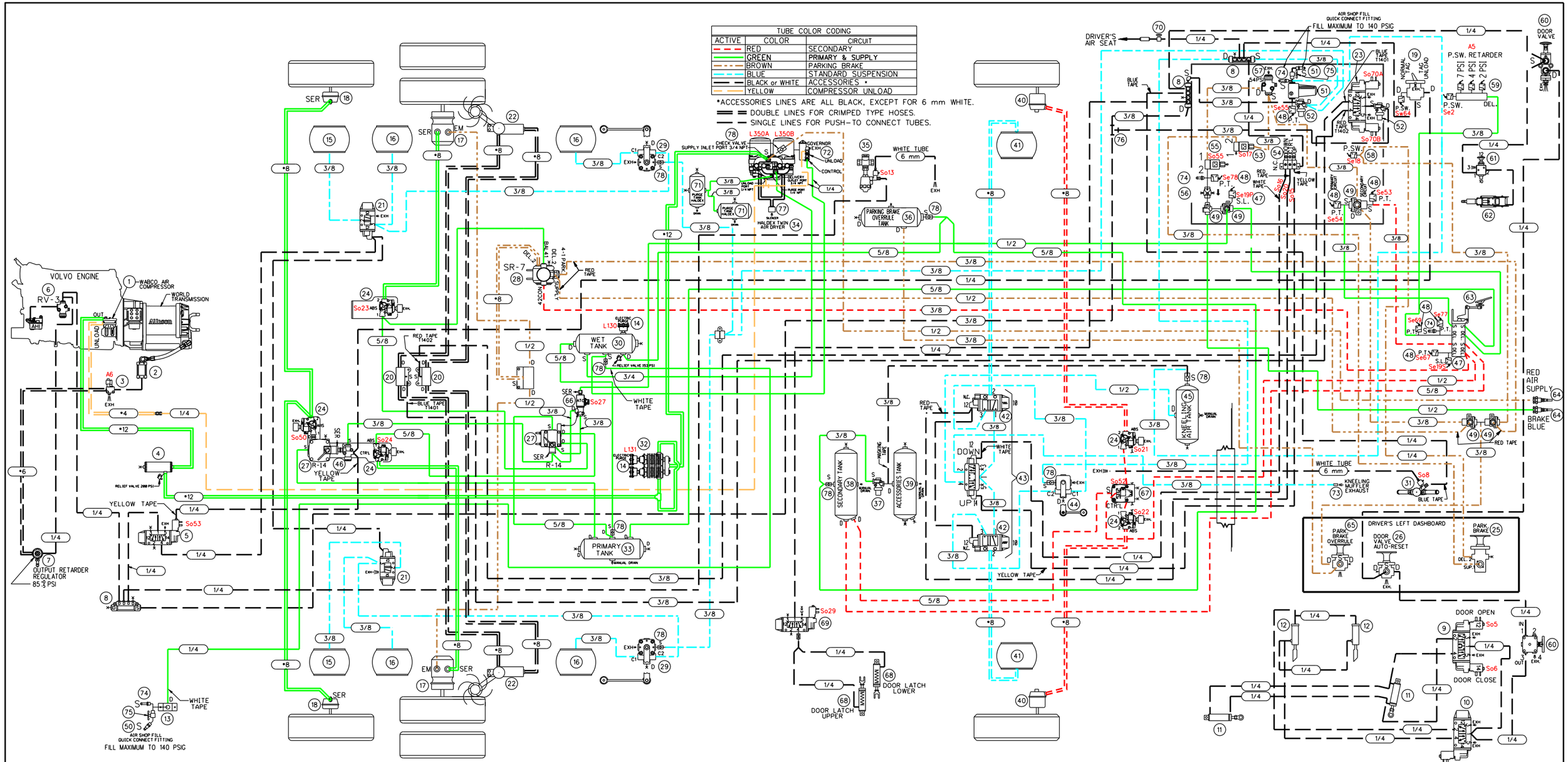
PREVOST®
Prevost Car Inc. Ste-Claire,Quebec,Canada G0R 2V0

ANGLE
METRIC

TECH. NO.: Rob.	DATE: 2020-09-28	APPR.: P.O.L.	
TOL.GENERALES mm ± N/A deg ± N/A	ECHELLE: N/A	PODS:	
	DESSIN REF./ REF.DRAWING: D140409		
MATERIEL: INSTALLATION			
FINI.: N/A			
REF.: MOTEUR VOLVO SUSPENSION RIGIDE			
TITRE: SCHEMA PNEUMATIQUE AUTOCAR X3-45 NYCT			
PIECE No: D140445 P1			CAD

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	RED	SECONDARY
	GREEN	PRIMARY & SUPPLY
	BROWN	PARKING BRAKE
	BLUE	STANDARD SUSPENSION
	BLACK or WHITE	ACCESSORIES *
	YELLOW	COMPRESSOR UNLOAD

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
= = DOUBLE LINES FOR CRIMPED TYPE HOSES.
— — SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA.X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-1":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSOIRE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)		DRAIN
					SOLENOIDE
					SPRING

PREVOST®

DESCRIPTION: COMPLETE SYSTEM

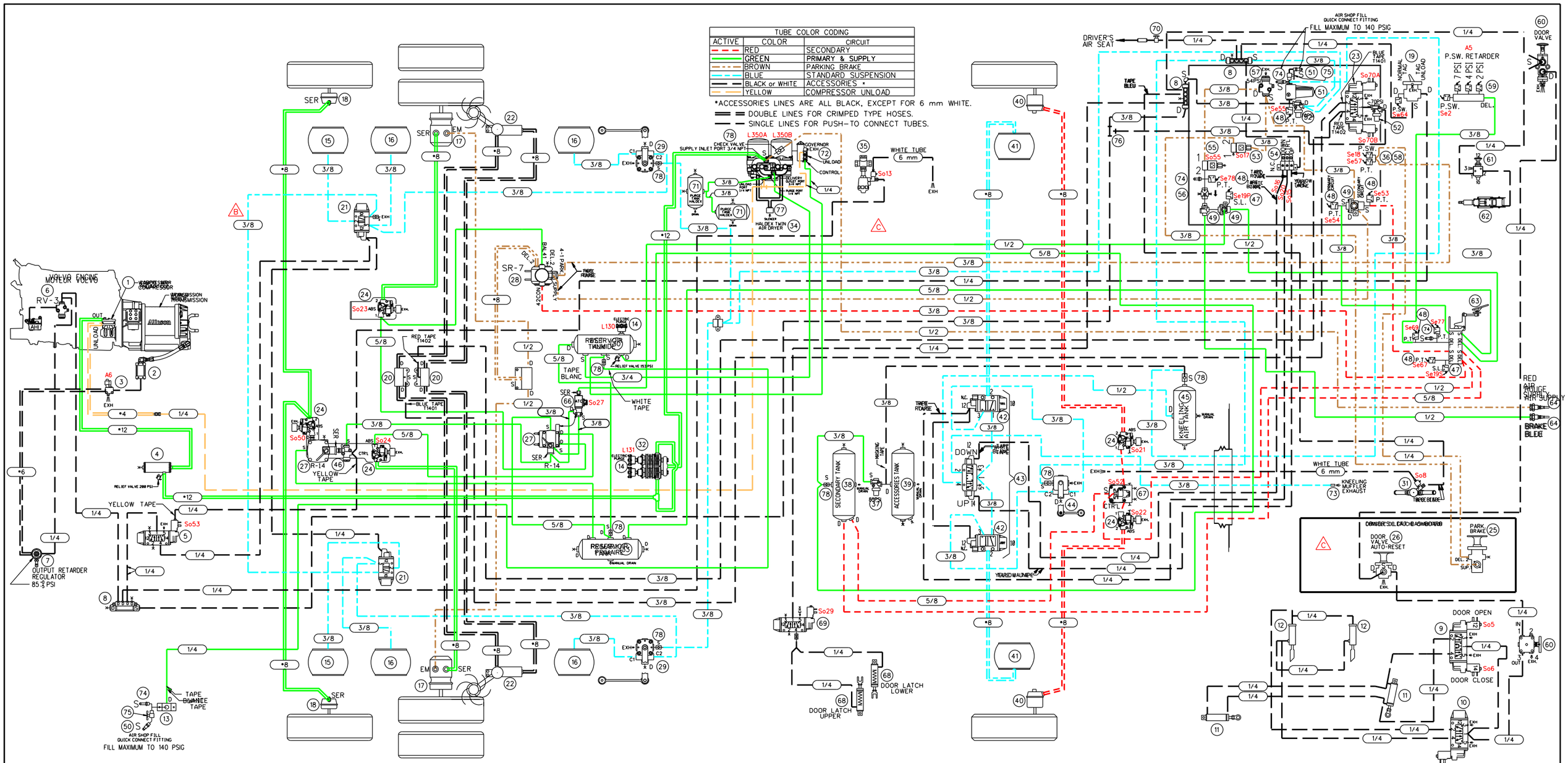
REV.: A

DATE: 2020/09/28

PAGE: D140445 P2

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	RED	SECONDARY
	GREEN	PRIMARY & SUPPLY
	BROWN	PARKING BRAKE
	BLUE	STANDARD SUSPENSION
	BLACK or WHITE	ACCESSORIES *
	YELLOW	COMPRESSOR UNLOAD

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PRESSURE TRANSDUCER (0-12 BAR)	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-QR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:					
"SER":	SERVICE	"RES-1":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORE (IDEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)		DRAIN
					SOLENOIDE
					SPRING

PREVOST®

DESCRIPTION: COMPLETE SYSTEM

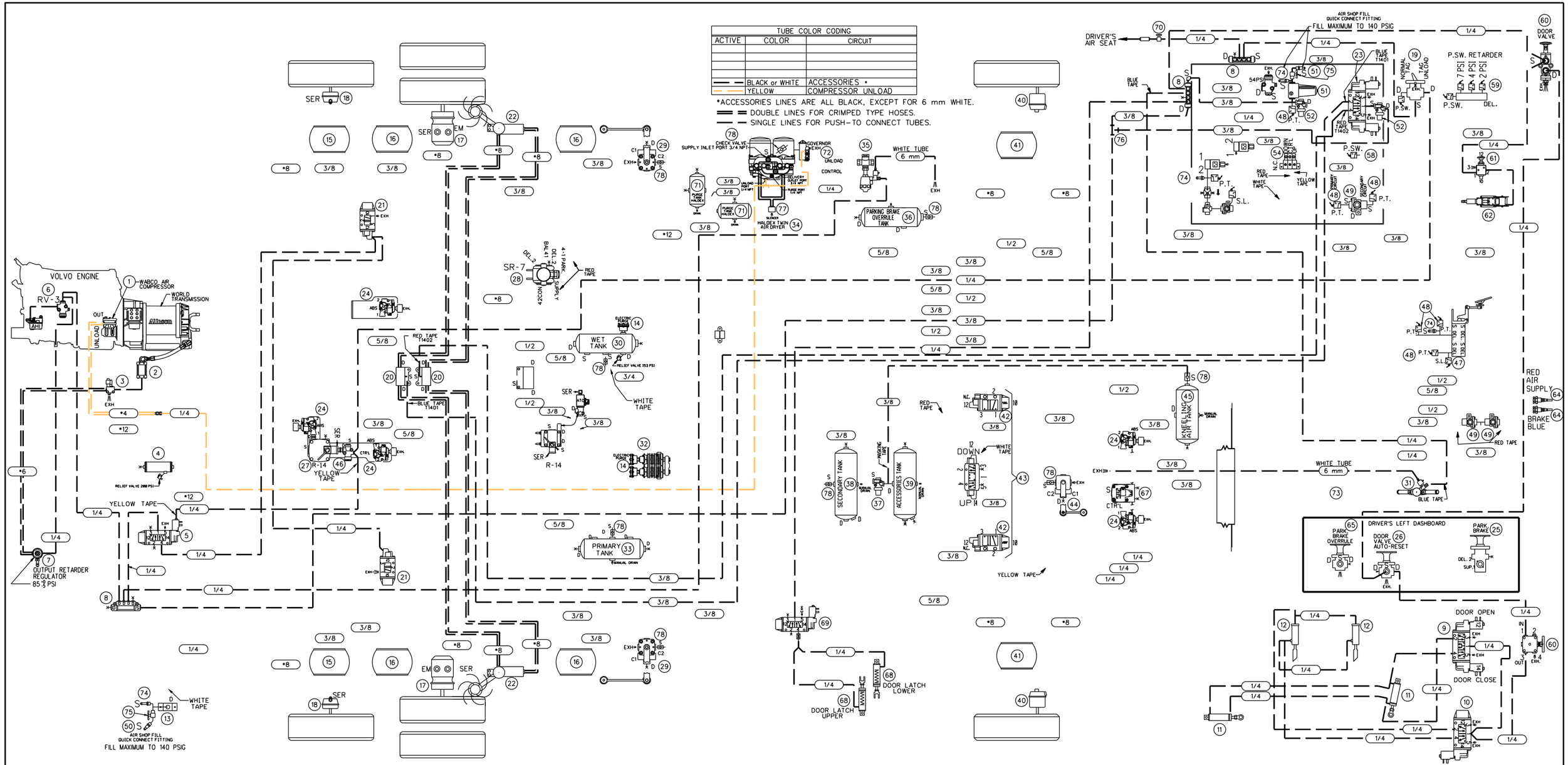
REV.: C

DATE: 2022/02/15

PAGE: D140445 P2

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	BLACK or WHITE	ACCESSORIES *
	YELLOW	COMPRESSOR UNLOAD

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
= = DOUBLE LINES FOR CRIMPED TYPE HOSES.
— — SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA.X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-1":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORIE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)	"":	DRAIN
				"":	SOLENOIDE
				"":	SPRING

PREVOST®

DESCRIPTION:
PNEUMATIC SCHEMATIC X3 NYCT
ACCESSORIES ONLY

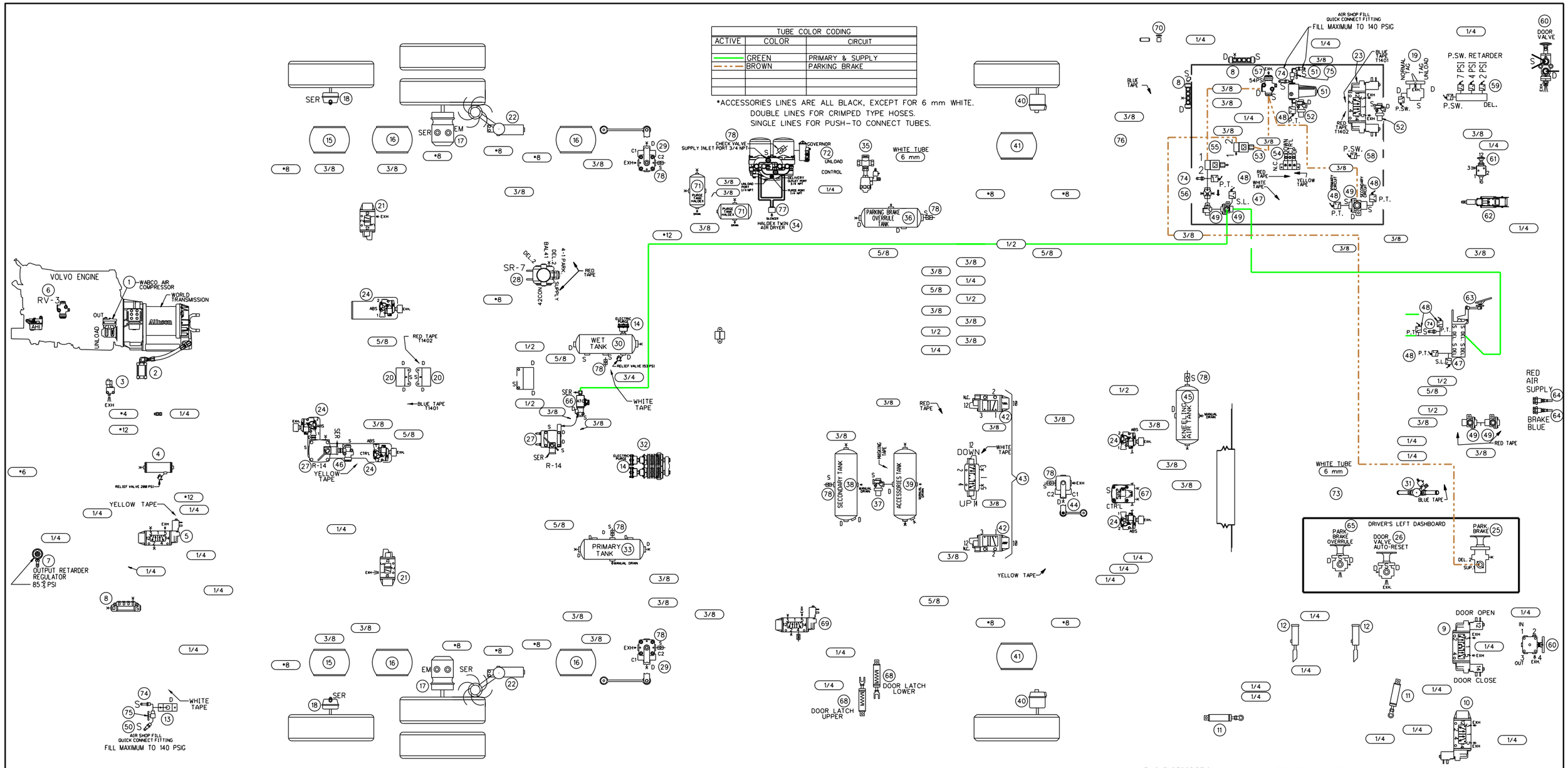
REV.: A

DATE: 2020/09/28

PAGE: D140445 P3

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	GREEN	PRIMARY & SUPPLY
	BROWN	PARKING BRAKE

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT.SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-LB GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA.X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-T":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORIE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)	"-||-":	DRAIN
				"-Ω-":	SOLENOIDE
				"-▭-":	SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCT
ENTRANCE DOOR AND WHEEL CHAIR LIFT INTERLOCK

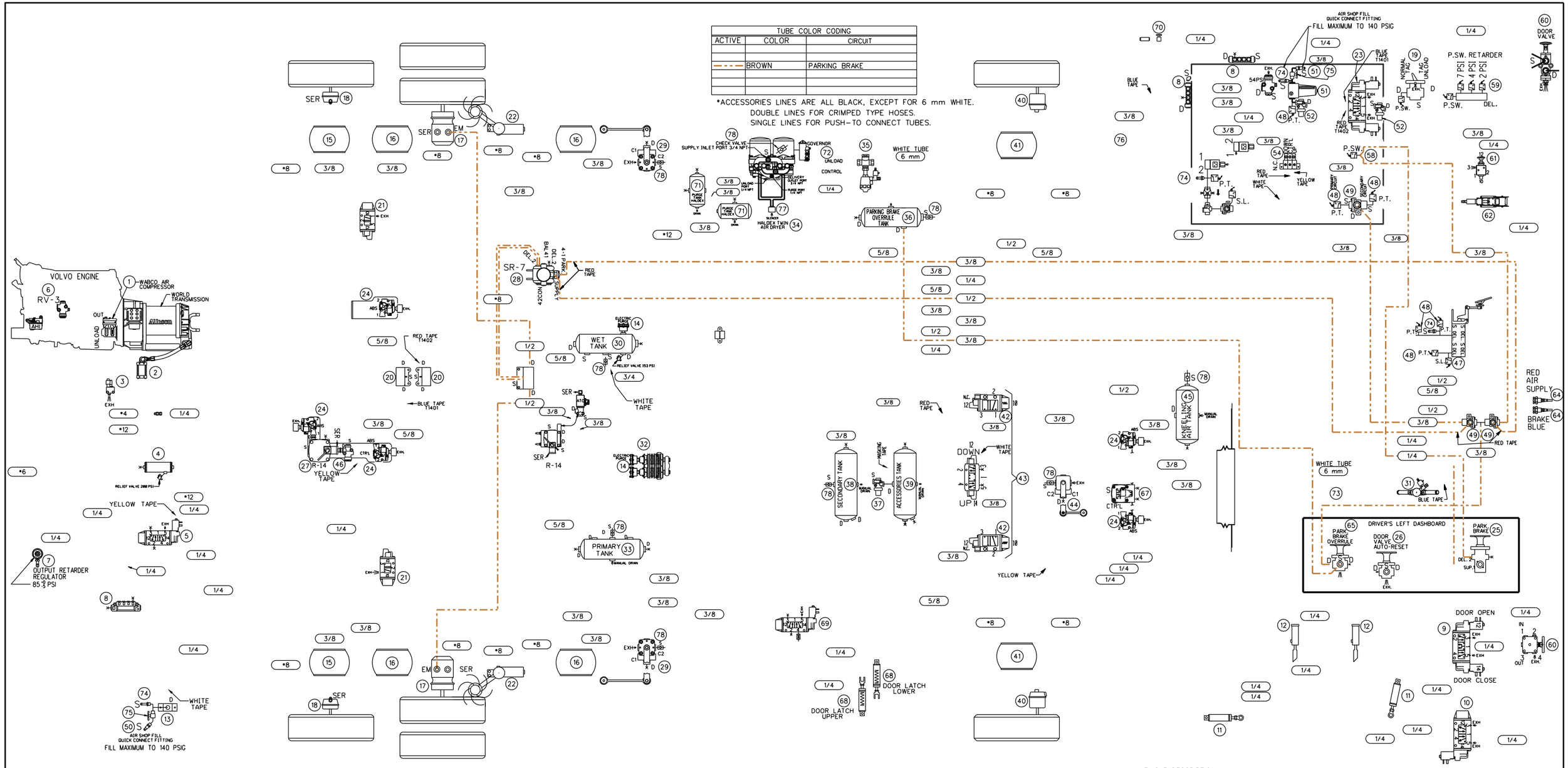
REV.: A

DATE: 2020/09/28

PAGE: D140445 P4

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
— — —	BROWN	PARKING BRAKE

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT.SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-LB GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-T":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSOIRE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)		DRAIN
					SOLENOIDE
					SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCT
EMERGENCY AND PARKING BRAKE

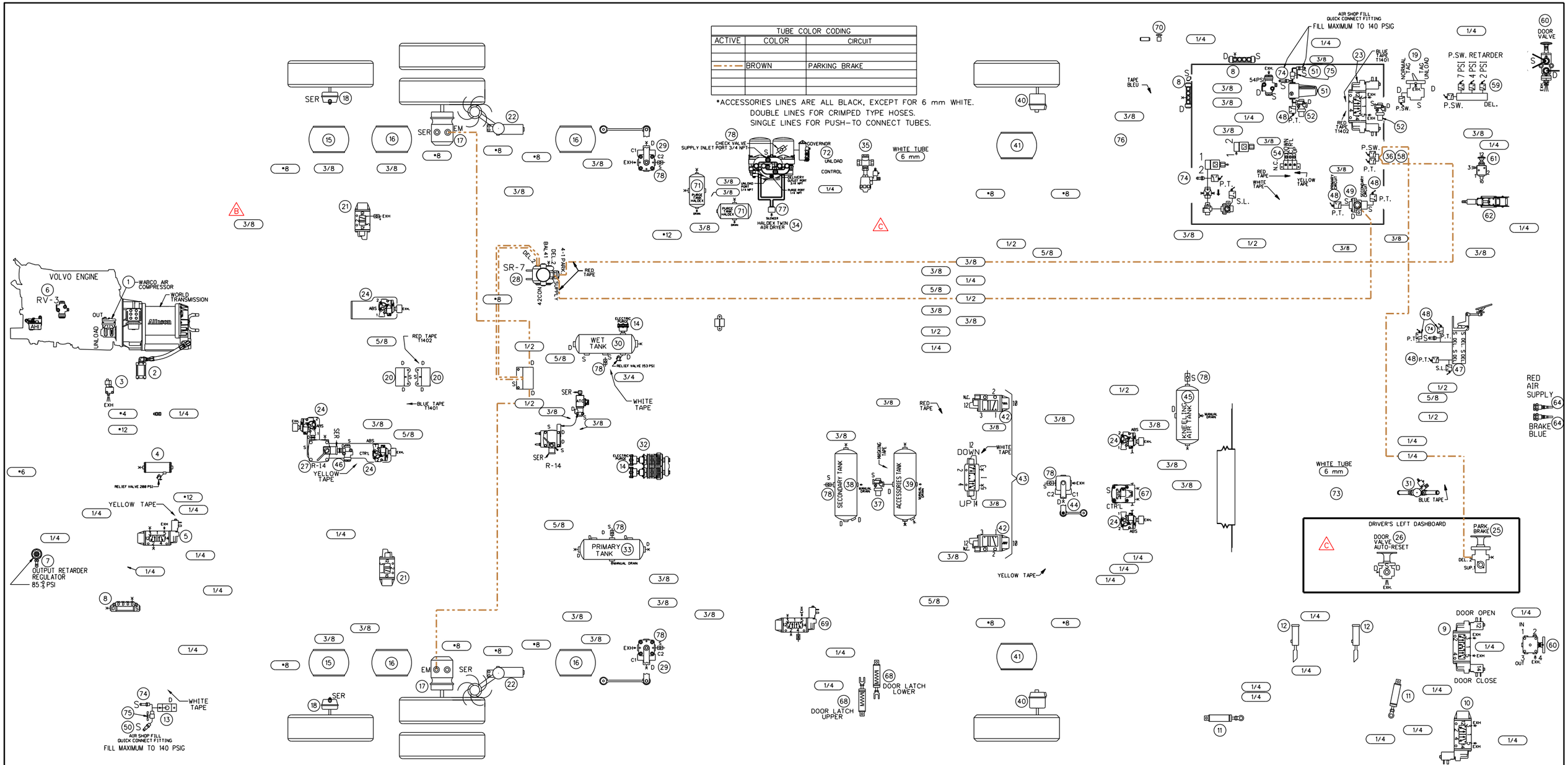
REV.: A

DATE: 2020/09/28

PAGE: D140445 P5

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	BROWN	PARKING BRAKE

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PRESSURE TRANSDUCER (0-12 BAR)	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO. SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-QR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER"=	SERVICE	"RES-T"=	RESERVOIR SERVICE	"S.L."=	STOP LIGHT SWITCH
"EM"=	EMERGENCY	"P"=	PRESSION (ALIMENTATION)	"N.C."=	NORMALY CLOSE
"EXH"=	EXHAUST	"A"=	ACCESSORIE (IDEL)	"P.S."=	PRESSURE SWITCH
"BAL"=	BALANCE	"D"=	DELIVERY(CYL. OU DEL.)	"D"=	DRAIN
		"S"=	ALIMENTATION (SUPPLY)	"D"=	SOLENOIDE
				"SP"=	SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCT EMERGENCY AND PARKING BRAKE

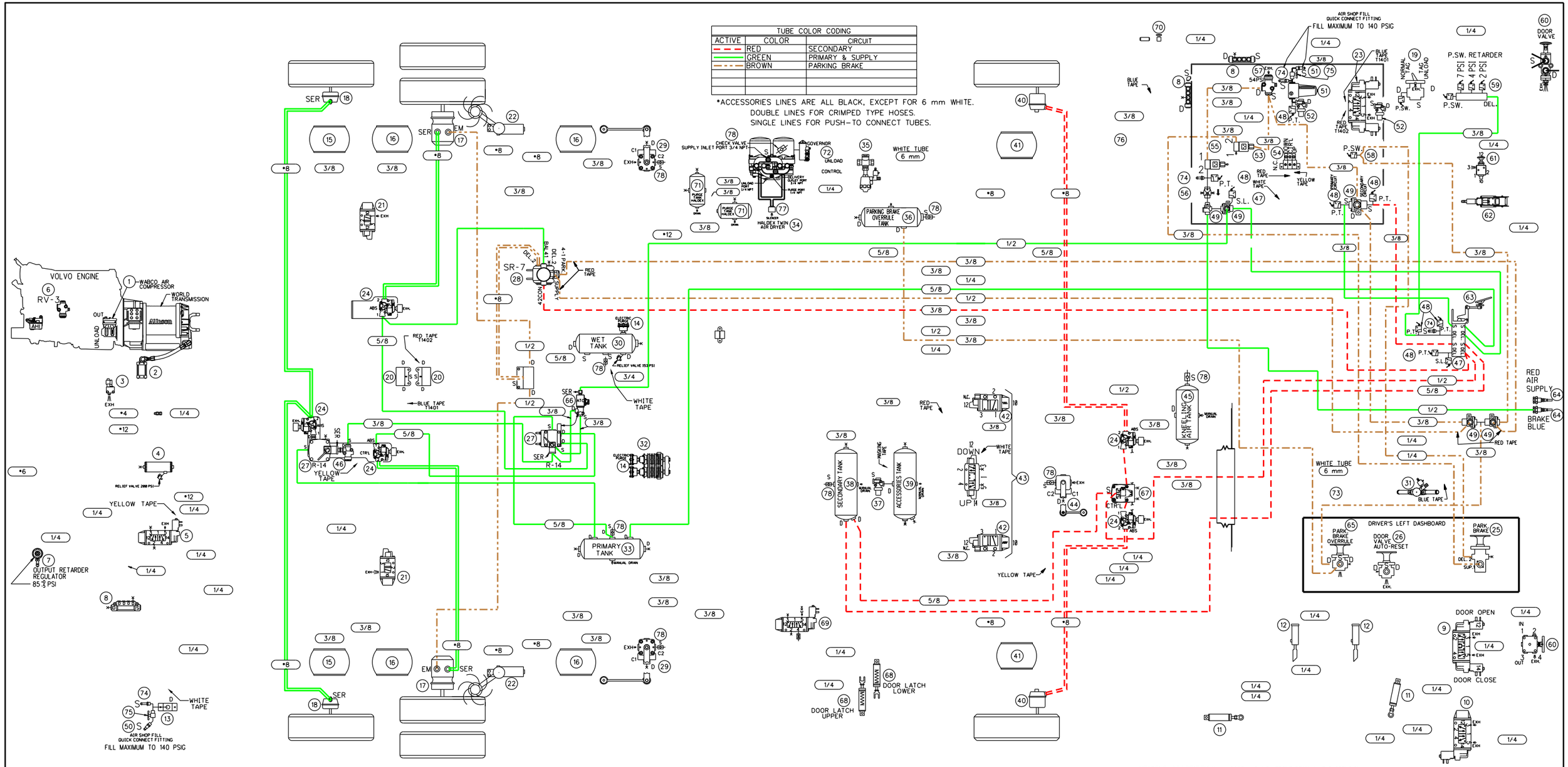
REV.: B

DATE: 2020/09/28

PAGE: D140445 P5

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

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT.SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO. SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-QR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:					
"SER":	SERVICE	"RES-T":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORIE (OEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)		DRAIN
					SOLENOIDE
					SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCT
COMPLETE AIR BRAKE SYSTEM

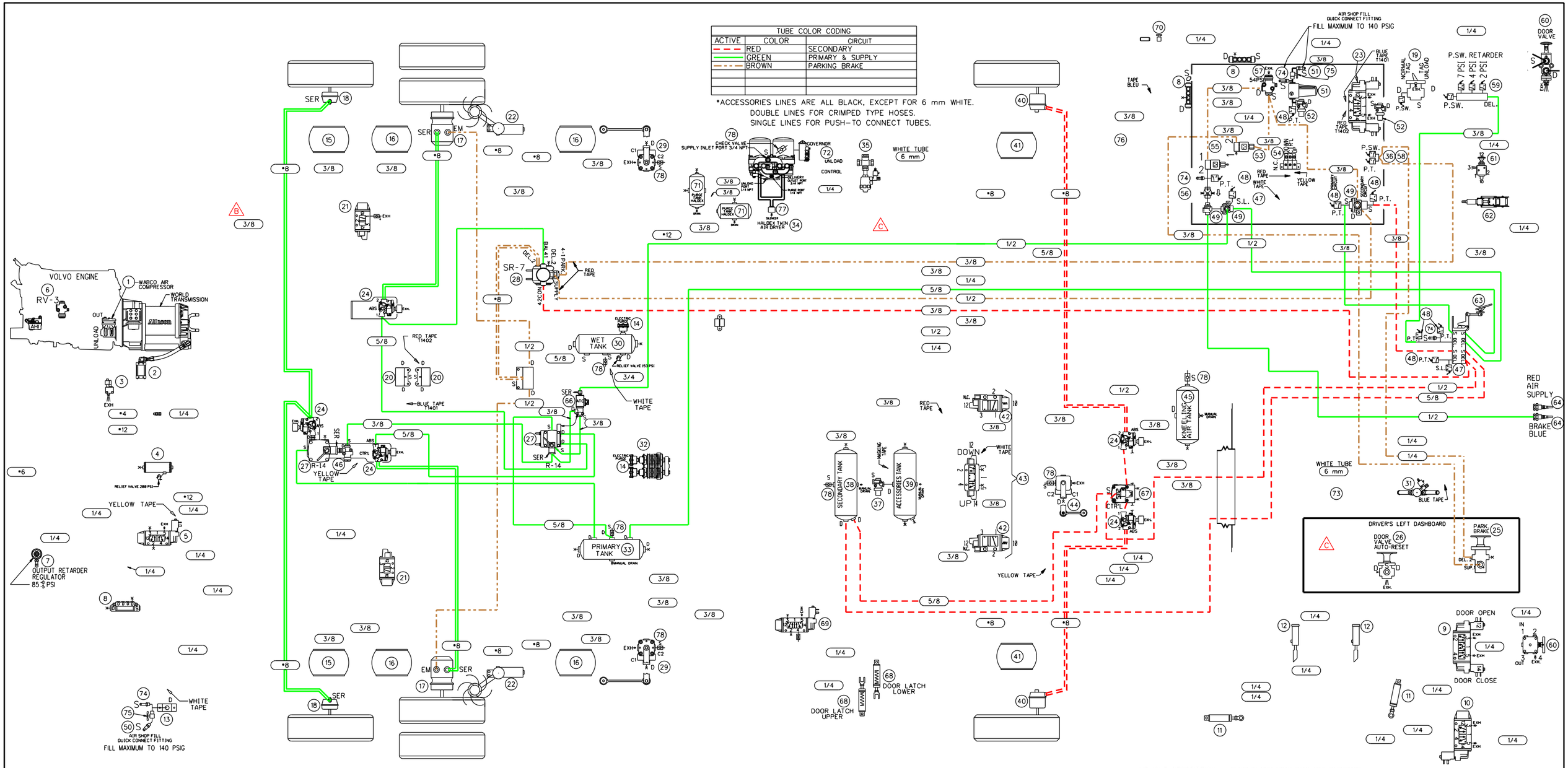
REV.: A

DATE: 2020/09/28

PAGE: D140445 P6

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

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PRESSURE TRANSDUCER (0-12 BAR)	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO. SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-QR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:			
"SER"= SERVICE	"RES-1"= RESERVOIR SERVICE	"S.L."= STOP LIGHT SWITCH	
"EM"= EMERGENCY	"P"= PRESSION (ALIMENTATION)	"N.C."= NORMALY CLOSE	
"EXH"= EXHAUST	"A"= ACCESSORE (DEL)	"P.T."= PRESSURE TRANS.	
"BAL"= BALANCE	"D"= DELIVERY(CYL. OU DEL.)	"P.S."= PRESSURE SWITCH	
	"S"= ALIMENTATION (SUPPLY)	"Ø"= DRAIN	
		"S"= SOLENOIDE	
		"SP"= SPRING	

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCT COMPLETE AIR BRAKE SYSTEM

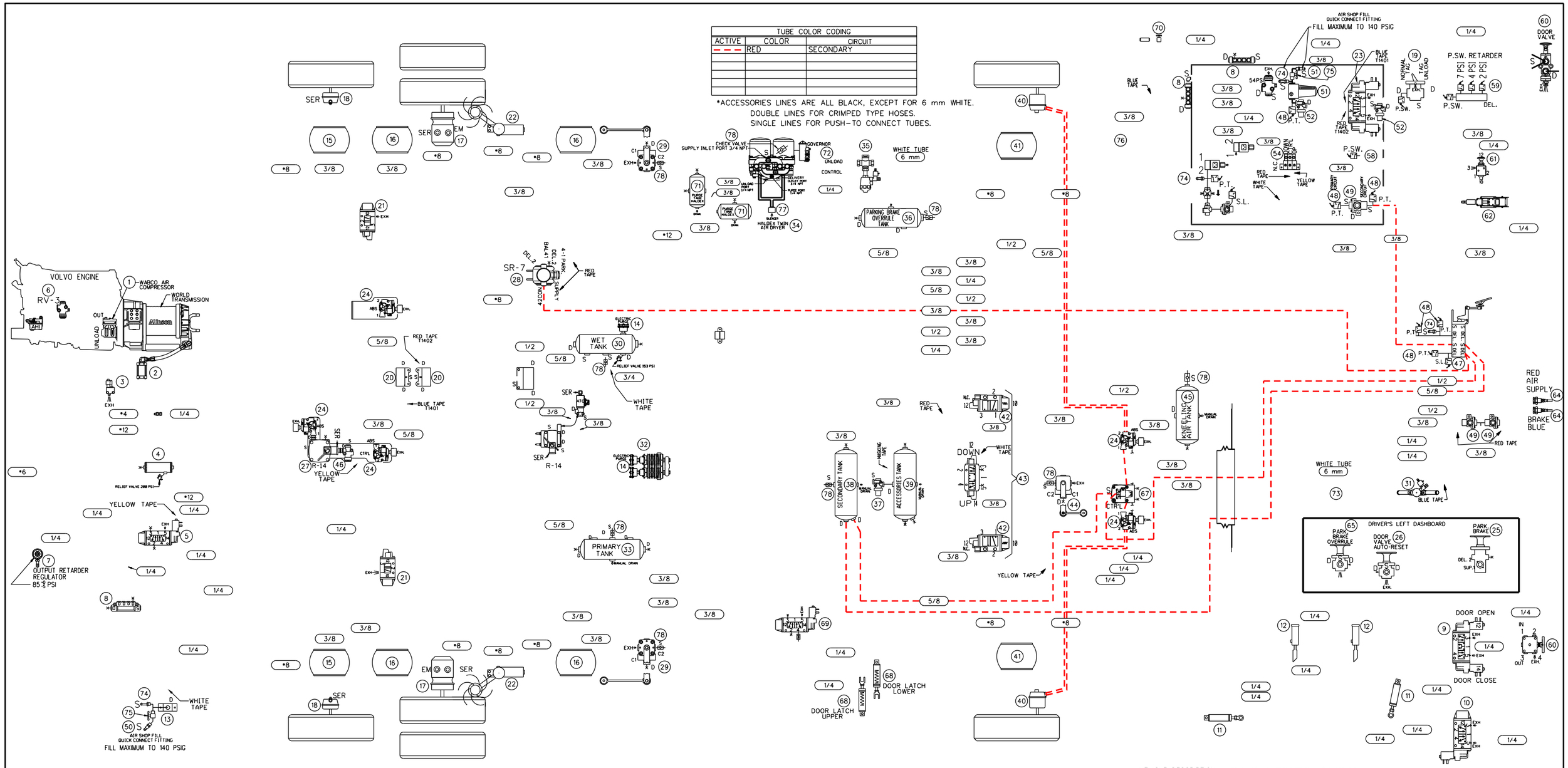
REV.: B

DATE: 2020/09/28

PAGE: D140445 P6

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
— — —	RED	SECONDARY

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT.SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-LB GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-T":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORIE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)		DRAIN
					SOLENOIDE
					SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCTA
FRONT BRAKE,SECONDARY RED COLOR TUBES

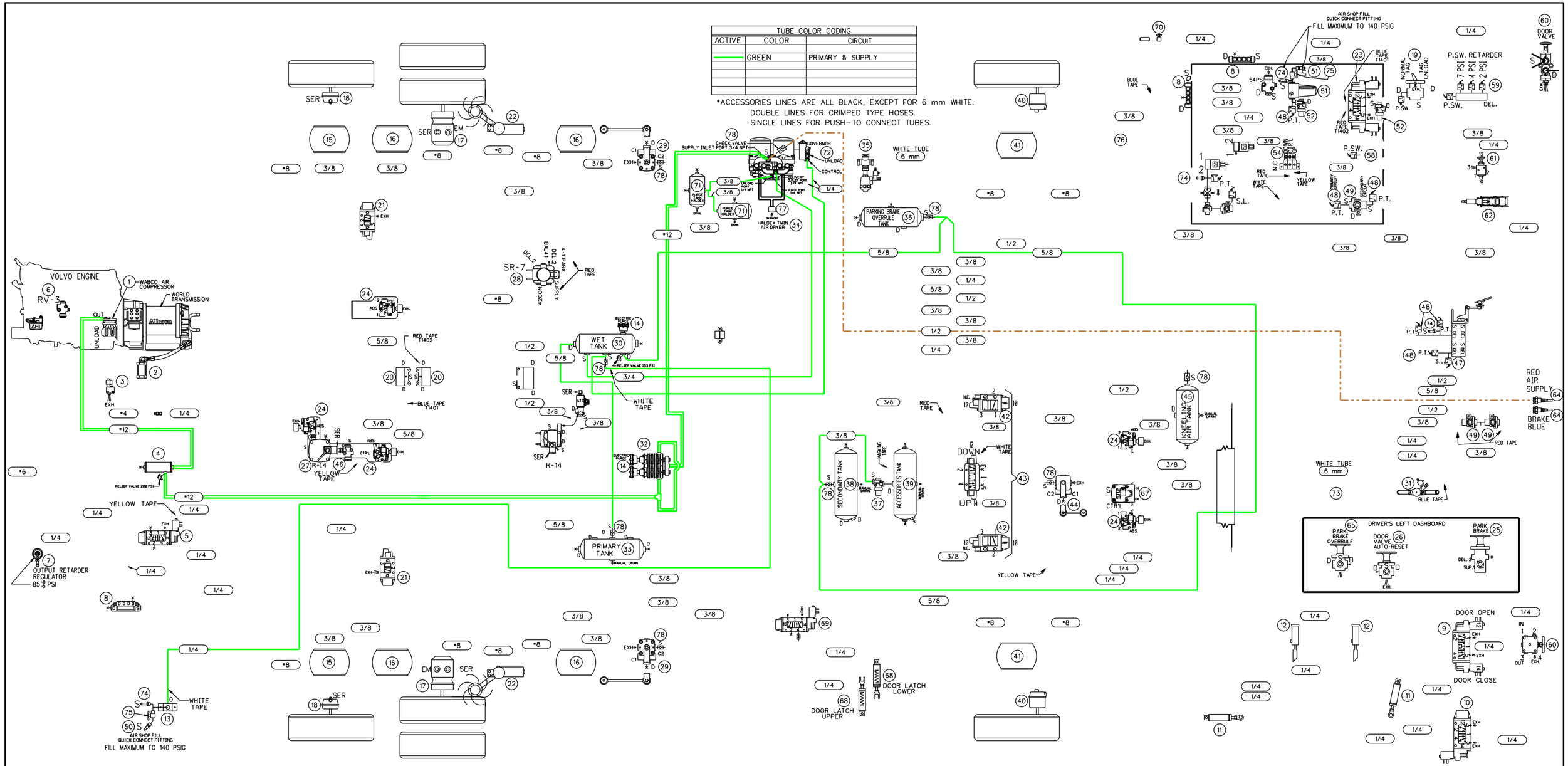
REV.: A

DATE: 2020/09/28

PAGE: D140445 P7

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	GREEN	PRIMARY & SUPPLY

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA.X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-1":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORIE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)	"":	DRAIN
				"":	SOLENOIDE
				"":	SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC COACH X3 NYCTA MAIN AIR SUPPLY

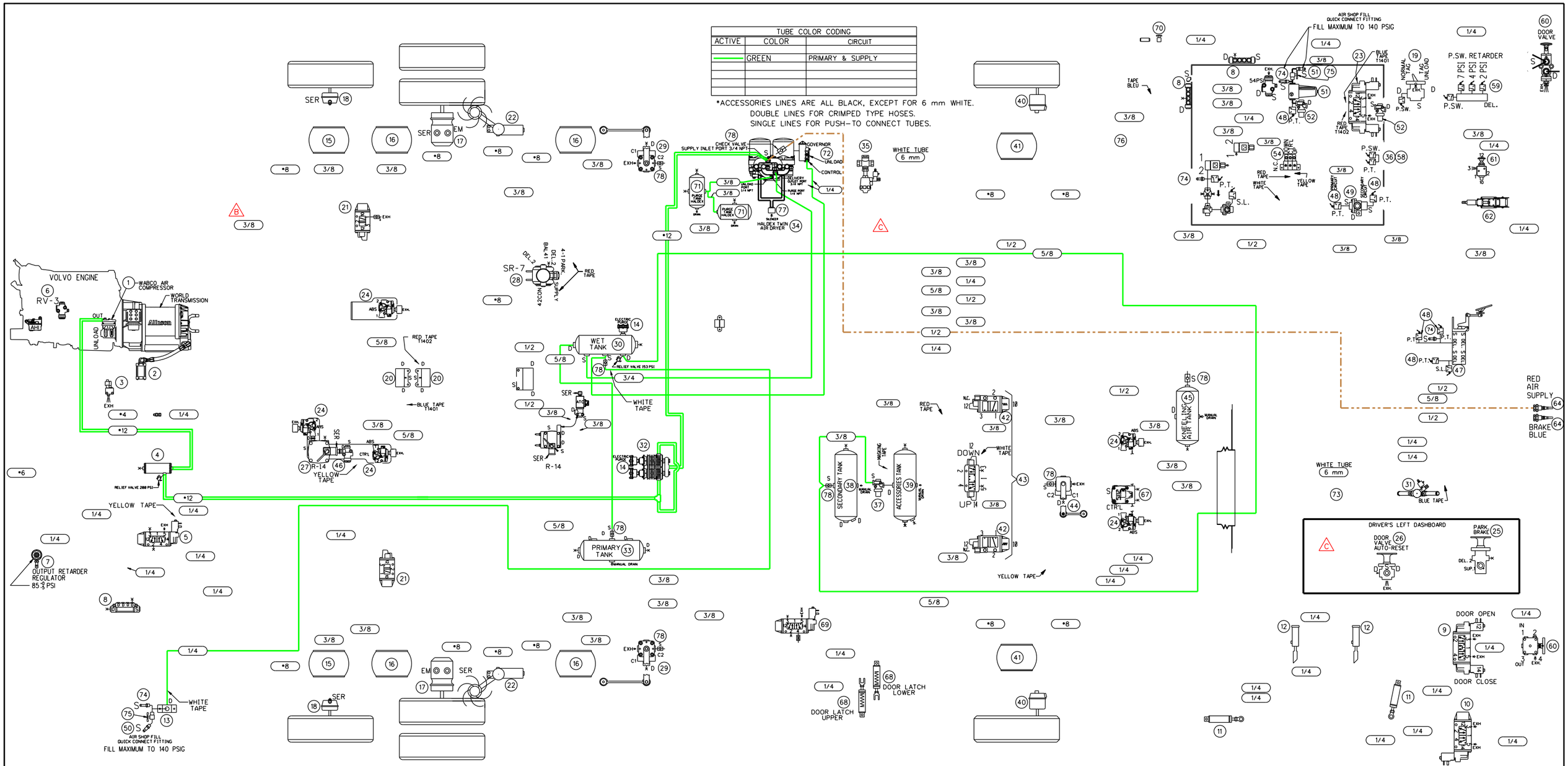
REV.: A

DATE: 2020/09/28

PAGE: D140445 P8

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	GREEN	PRIMARY & SUPPLY

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PRESSURE TRANSDUCER (0-12 BAR)	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO. SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-QR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS B BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER"=	SERVICE	"RES-1"=	RESERVOIR SERVICE	"S.L."=	STOP LIGHT SWITCH
"EM"=	EMERGENCY	"P"=	PRESSION (ALIMENTATION)	"N.C."=	NORMALY CLOSE
"EXH"=	EXHAUST	"A"=	ACCESSORIE (IDEL)	"P.T."=	PRESSURE TRANS.
"BAL"=	BALANCE	"D"=	DELIVERY(CYL. OU DEL.)	"P.S."=	PRESSURE SWITCH
		"S"=	ALIMENTATION (SUPPLY)	"D"=	DRAIN
				"S"=	SOLENOIDE
				"SP"=	SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC COACH X3 NYCTA
MAIN AIR SUPPLY

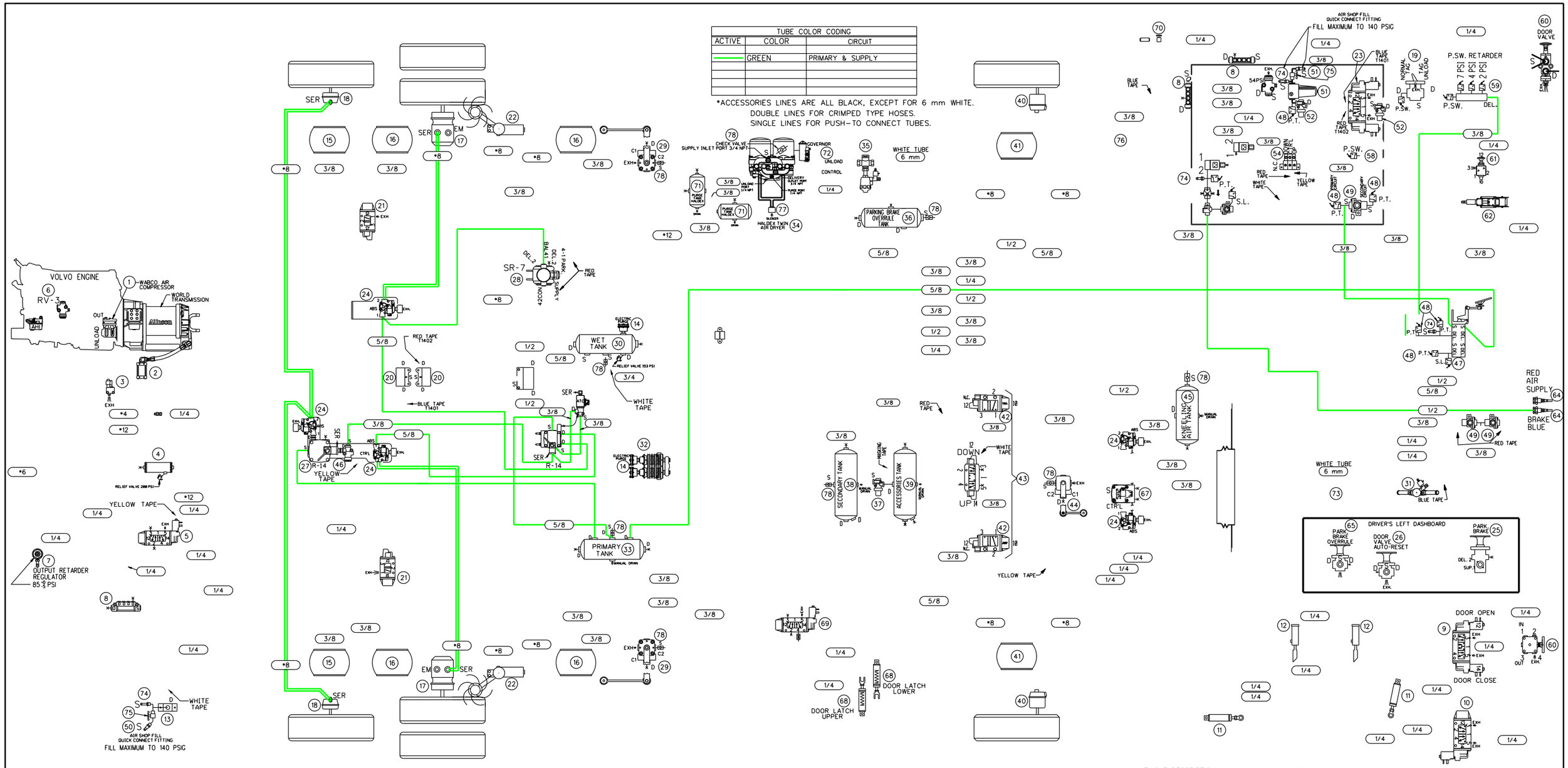
REV.: B

DATE: 2020/09/28

PAGE: D140445 P8

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	GREEN	PRIMARY & SUPPLY

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT.SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-LB GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-T":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSOIRE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)		DRAIN
					SOLENOIDE
					SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCTA
REAR BRAKE , PRIMARY GREEN COLOR TUBES

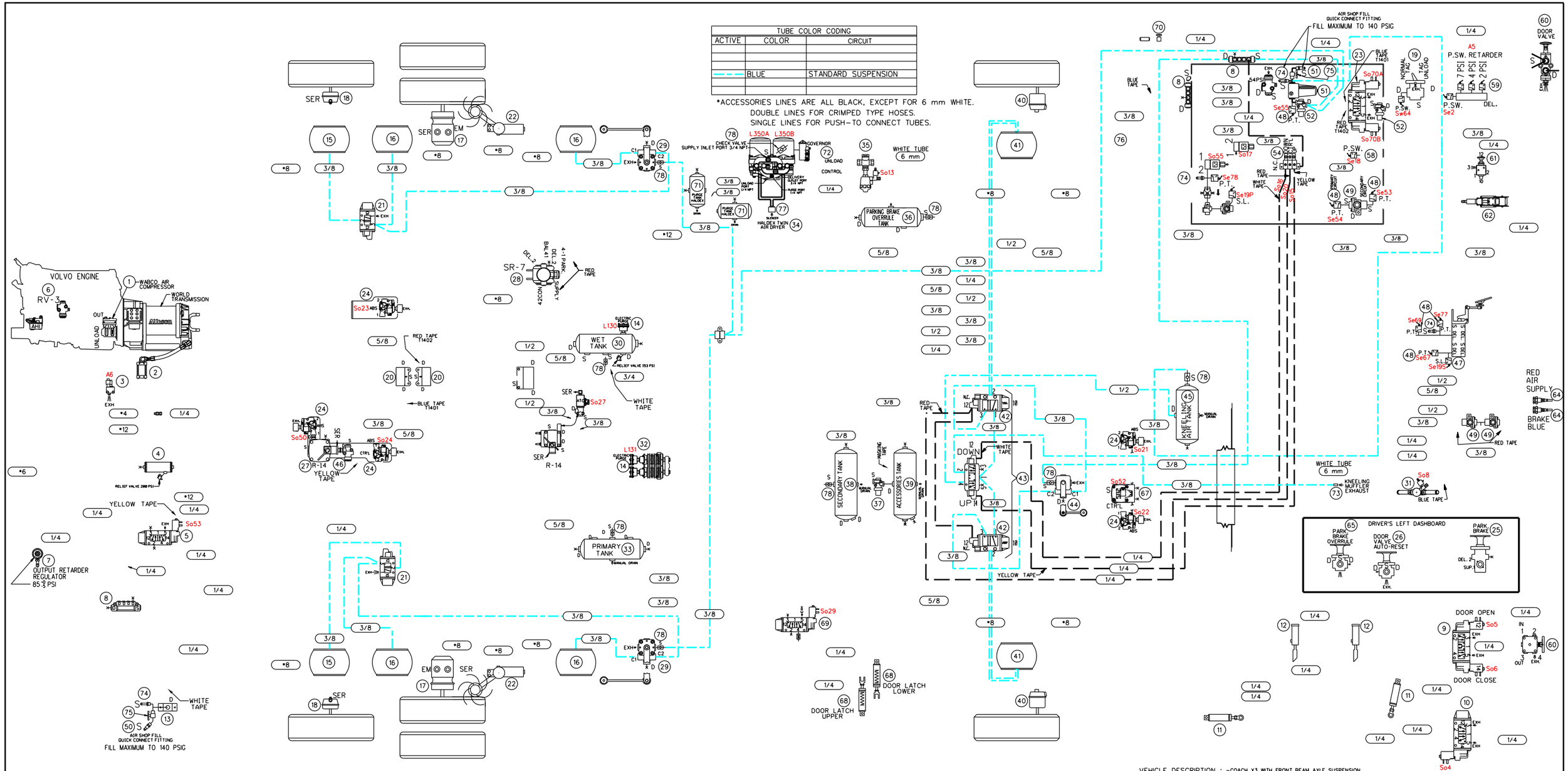
REV.: A

DATE: 2020/09/28

PAGE: D140445 P9

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

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O. ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C. KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK,JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, QR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT,SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-L8 GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA.X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-OR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:

"SER":	SERVICE	"RES-1":	RESERVOIR SERVICE	"S.L.":	STOP LIGHT SWITCH
"EM":	EMERGENCY	"P":	PRESSION (ALIMENTATION)	"N.C.":	NORMALY CLOSE
"EXH":	EXHAUST	"A":	ACCESSORE (DEL)	"P.T.":	PRESSURE TRANS.
"BAL":	BALANCE	"D":	DELIVERY(CYL. OU DEL.)	"P.S.":	PRESSURE SWITCH
		"S":	ALIMENTATION (SUPPLY)	"":	DRAIN
				"":	SOLENOIDE
				"":	SPRING

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCTA SUSPENSION SYSTEM ONLY

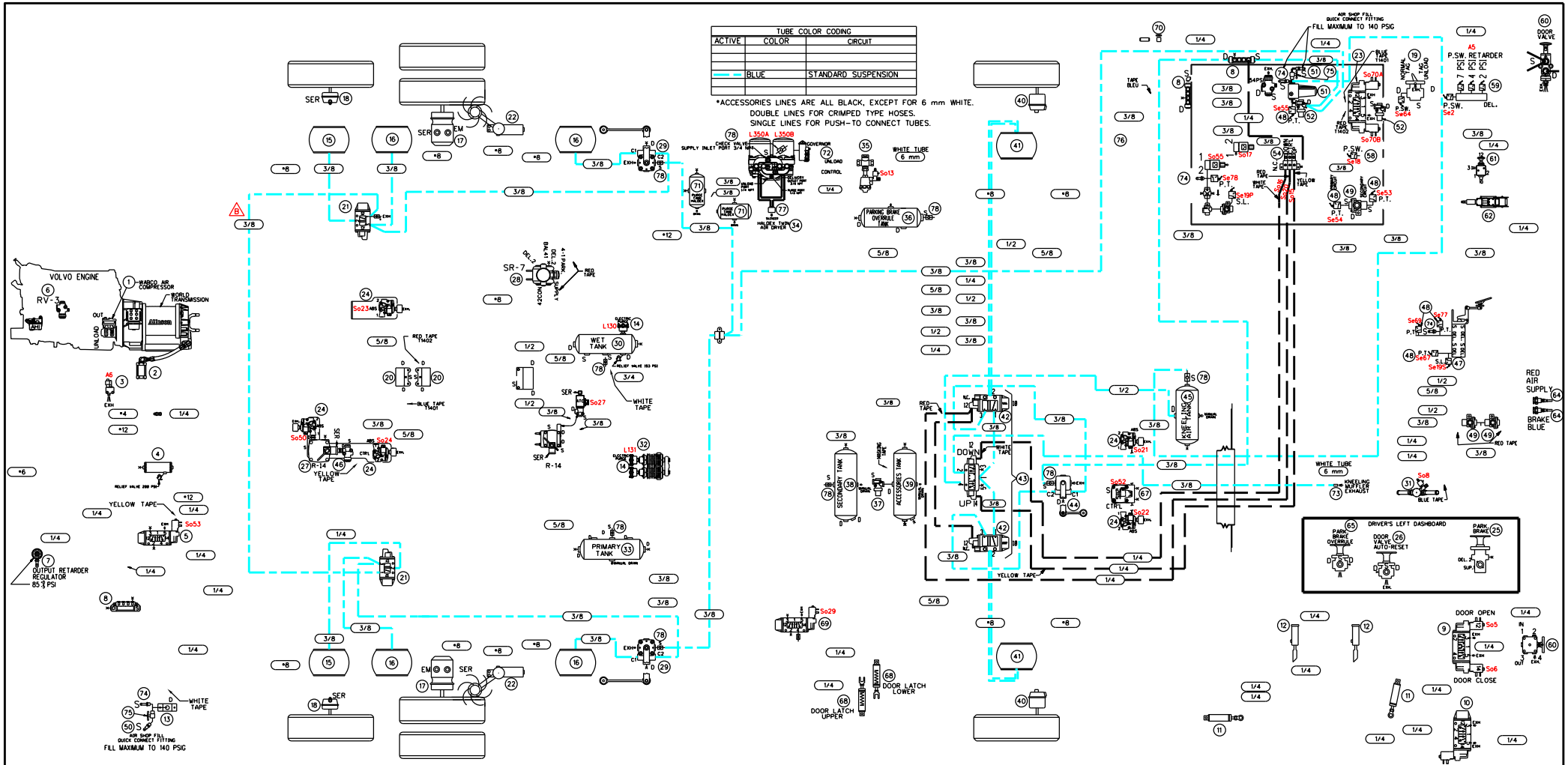
REV.: A

DATE: 2020/09/28

PAGE: D140445 P10

TUBE COLOR CODING		
ACTIVE	COLOR	CIRCUIT
	BLUE	STANDARD SUSPENSION

*ACCESSORIES LINES ARE ALL BLACK, EXCEPT FOR 6 mm WHITE.
DOUBLE LINES FOR CRIMPED TYPE HOSES.
SINGLE LINES FOR PUSH-TO CONNECT TUBES.



ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
020	ROTATIVE CHAIN SYSTEM BLOC MANIFOLD	040	FRONT BRAKE CHAMBER, KNORR TYPE 24	060	ENTRANCE DOOR MANUAL VALVE, NORGREN D-PRO V82	080	
019	LIFT TAG AXLE VALVE BENDIX, TW-1	039	ACCESSORIES AIR TANK, JOHNSON WELDING	059	PRESSURE SWITCH N.O, ALLISON	079	
018	TAG AXLE BRAKE CHAMBER KNORR, TYPE 14	038	SECONDARY AIR TANK, JOHNSON WELDING	058	PRESSURE SWITCH N.C, KLIXON	078	CHECK VALVE
017	DRIVE AXLE BRAKE CHAMBER, KNORR TYPE 24/24	037	PROTECTION VALVE, BENDIX PR-4, 85 PSI	057	PRESSURE REDUCING VALVE, BENDIX RV-3	077	SILENCER HALDEX AIR DRYER
016	DRIVE AXLE AIR SPRING GOODYEAR, TR11	036	PARKING BRAKE OVERRULE AIR TANK, JOHNSON WELDING	056	INLINE QUICK RELEASE VALVE BENDIX, OR-L	076	FLOATING TEE FITTING
015	TAG AXLE AIR SPRING GOODYEAR, TR12	035	3-WAYS HEATER VALVE SOLENOID BURKERT, SYSTEM 2006	055	SOLENOID ENTRANCE DOOR INTERLOCK PARKER 7131	075	AIR MANUAL VALVE ON-OFF
014	ELECTRIC PURGE HALDEX OIL SEPARATOR	034	HALDEX TWIN AIR DRYER	054	MANIFOLD VALVE NORGREN D0043	074	SCHRADER VALVE 645-LB GATES
013	REAR AIR FILL VALVE	033	PRIMARY AIR TANK, JOHNSON WELDING	053	PARKING BRAKE INTERLOCK, PARKER 7131	073	KNEELING MUFFLER EXHAUST
012	ENTRANCE DOOR LOCK CYLINDER BIMBA,7/8" DIA.X 5" STROKE	032	OIL SEPARATOR, HALDEX CONSEP	052	PROTECTION VALVE, BENDIX PR-4, 70 PSI	072	GOVERNOR FOR AIR COMPRESSOR WABCO
011	ENTRANCE DOOR CYLINDER BIMBA,2.5" DIA. X 5" STROKE	031	2-WAYS HEATER VALVE SOLENOID ASCO, SYSTEM 2014	051	AIR FILTER ASCO NUMATICS 71035	071	PURGE TANK HALDEX WITH MANUAL DRAIN VALVE
010	ENTRANCE DOOR LOCK SOLENOID VALVE NORGREN,V60	030	WET TANK, JOHNSON WELDING	050	QUICK CONNECT FITTING AIR HOSE	070	DRIVER AIR SEAT MANUAL VALVE
009	ENTRANCE DOOR BY-FOLD SOLENOID VALVE NORGREN,V60	029	REAR HEIGHT CONTROL VALVE, BARKSDALE 52341	049	DOUBLE CHECK VALVE, BENDIX DC-4	069	WHEEL CHAIR LIFT DOOR LOCK SOLENOID VALVE NORGREN,V60
008	AIR MANIFOLD BLOC, PARKER 24M	028	VALVE FOR PARKING BRAKE, BENDIX SR-7	048	PRESSURE TRANSDUCER, VOLVO	068	WHEEL CHAIR LIFT DOOR LOCK CYLINDER BIMBA,1.75" DIA.X 1" STROKE
007	REGULATOR OUTPUT RETARDER, NORGREN R06	027	VALVE FOR SERVICE BRAKE, BENDIX R-14	047	STOP LIGHT SWITCH, BENDIX	067	FRONT BRAKES VALVES, BENDIX RELAY VALVE ATR-6
006	PRESSURE REDUCTOR VALVE AHI, BENDIX RV-3	026	DOOR VALVE AUTO-RESET	046	INVERSION VALVE, BENDIX TR-3	066	BENDIX ATC VALVE
005	TAG UNLOAD VALVE, NORGREN V60	025	PARKING BRAKE VALVE BENDIX, PP-1	045	KNEELING AIR TANK, JOHNSON WELDING	065	EMERGENCY PARKING BRAKE OVERRULE VALVE,BENDIX RD-3
004	PING TANK, JOHNSON WELDING	024	ABS VALVE MODULATOR BENDIX M40-QR WITH SILENCER	044	FRONT HEIGHT CONTROL VALVE,BARKSDALE 52341	064	QUICK COUPLING PARKER, L2C
003	ALLISON SOLENOID VALVE	023	ROTATIVE CHAIN SYSTEM DRIVE AXLE SOLENOID	043	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	063	BRAKE VALVE PEDAL BENDIX, E-10P
002	ALLISON TRANSMISSION RETARDER CYLINDER	022	SWIVEL CHAIN UNIT WITH ARM ASSEMBLY	042	KNEELING SUSPENSION VALVE,NORGREN NUGGET 200	062	STEERING WHEEL COLUMN, ZF
001	AIR COMPRESSOR WABCO 636	021	REAR SUSPENSION VALVE NORGREN, NUGGET 200	041	FRONT AIR SPRING, GOODYEAR 1R12	061	ADJUSTABLE STEERING WHEEL MANUAL VALVE,MAC 1111A-032

NOTE 1 : SoXX AND SeXX ARE ELECTRIC CONNECTORS NAME TAG.

LEGENDE:			
"SER": SERVICE	"RES": RESERVOIR SERVICE	"S.L.": STOP LIGHT SWITCH	
"EM": EMERGENCY	"P": PRESSION ALIMENTATION	"N.O.": NORMALY OPEN	
"EXH": EXHAUST	"A": ACCESSORIES (ABS)	"N.C.": NORMALY CLOSE	
"BAL": BALANCE	"D": DEVERSOIR (AL DELL)	"P.T.": PRESSURE TRANS.	
	"S": ALIMENTATION (SUPPLY)	"P.S.": PRESSURE SWITCH	
		"A.S.": ANTI SLIP	
		"D.": DRIVER	
		"S.": SOLENOIDE	
		"SP.": SPRING	

VEHICLE DESCRIPTION :
- COACH X3 WITH FRONT BEAM AXLE SUSPENSION
- SUSPENSION FRONT KNEELING SYSTEM
- TRANSMISSION WORLD WITH "RETARDER"
- ABS 8 BRAKE SYSTEM WITH "PARKING BRAKES OVERRULE"
- HALDEX TWIN AIR DRYER WITH HALDEX OIL SEPARATOR
- TOWING QUICK CONNECT FRONT BUMPER
- BY-FOLD ENTRANCE DOOR WITH INTERLOCK BRAKE SYSTEM
- WITH WHEEL CHAIR LIFT DOOR AIR LOCK
- AIR COMPRESSOR WABCO DIRECT DRIVE ON VOLVO ENGINE
- UNLOAD TAG SUSPENSION SYSTEM

PREVOST®

DESCRIPTION:

PNEUMATIC SCHEMATIC X3 NYCTA
SUSPENSION SYSTEM ONLY

REV.: B

DATE: 2022/02/15

PAGE: D140445 P10