



Mack Chassis - Air System Schematics For Models - MRU, LEU And (LR) Using The Same Schematic As the LEU



> Internal Content

For more information on the Mack Chassis models MRU, LEU, (LR) (using the same schematic as the LEU) Air System Schematic, Air System Piping Diagrams click [here](#).



Tags

[k77323517](#)

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Related links and attachments

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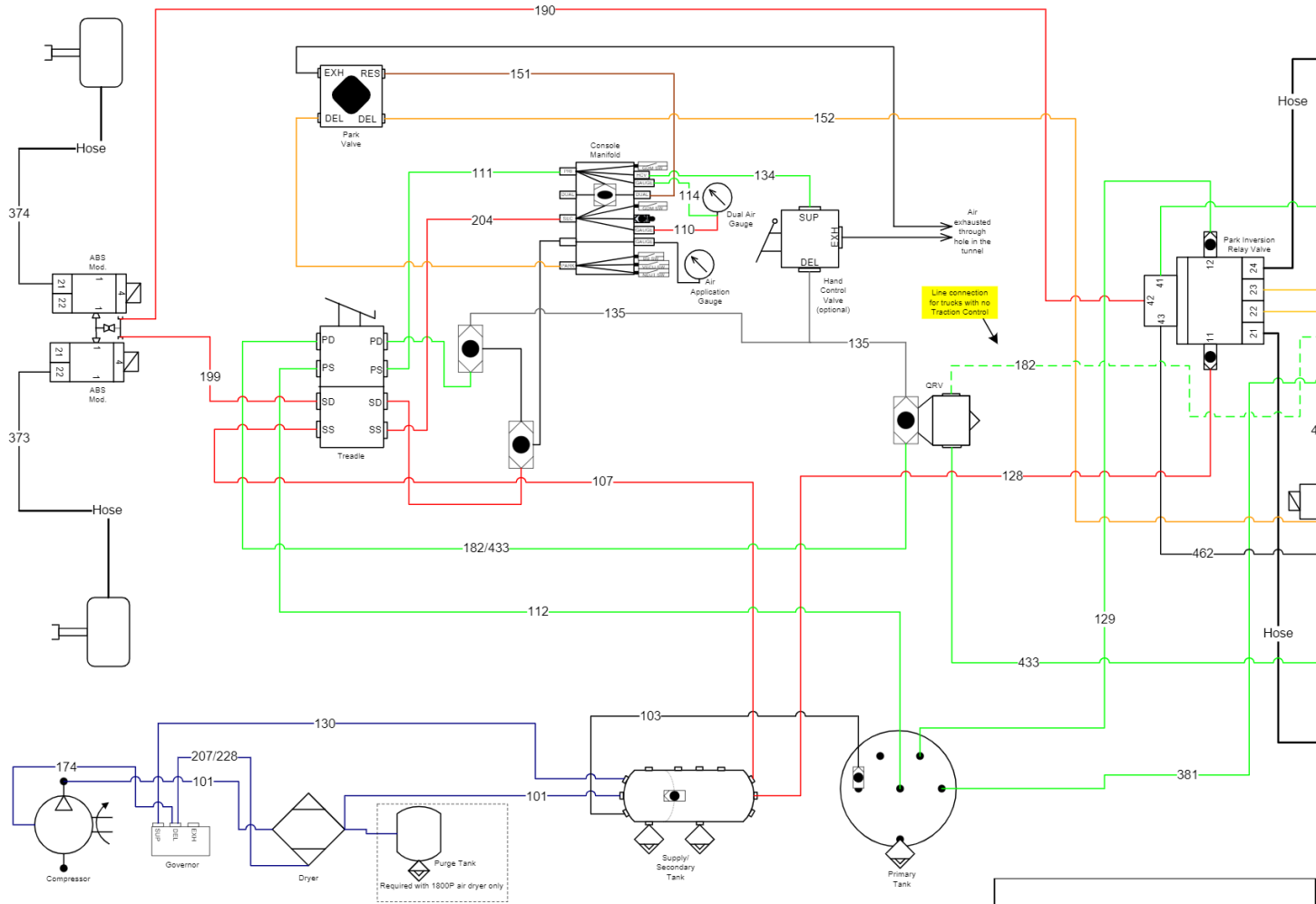
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D-15592-92					Date	Modification Count																		
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<p>VOLVO Group Trucks Technology</p>			<p>Document Type LAYOUT</p>																					
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<p>Document No 22281402</p>		<p>Issue Index 01</p>	<p>Volume No 01</p>	<p>Page No 1(11)</p>																				

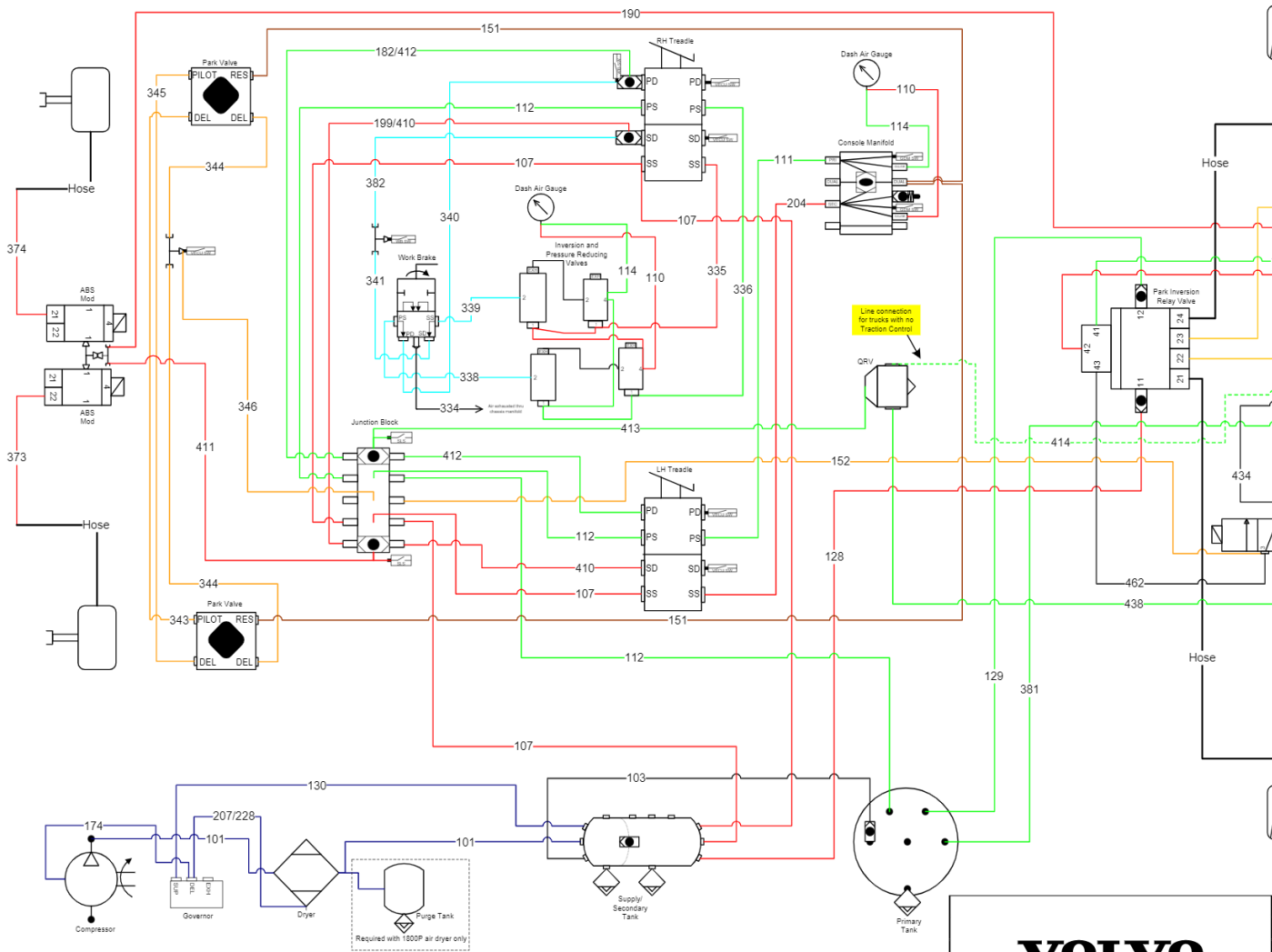
1. MRU



* Assume a Bendix front axle modulator arrangement for this page, and subsequent pages
 * Assume a Meritor Wabco ATC arrangement for this page, and subsequent pages.



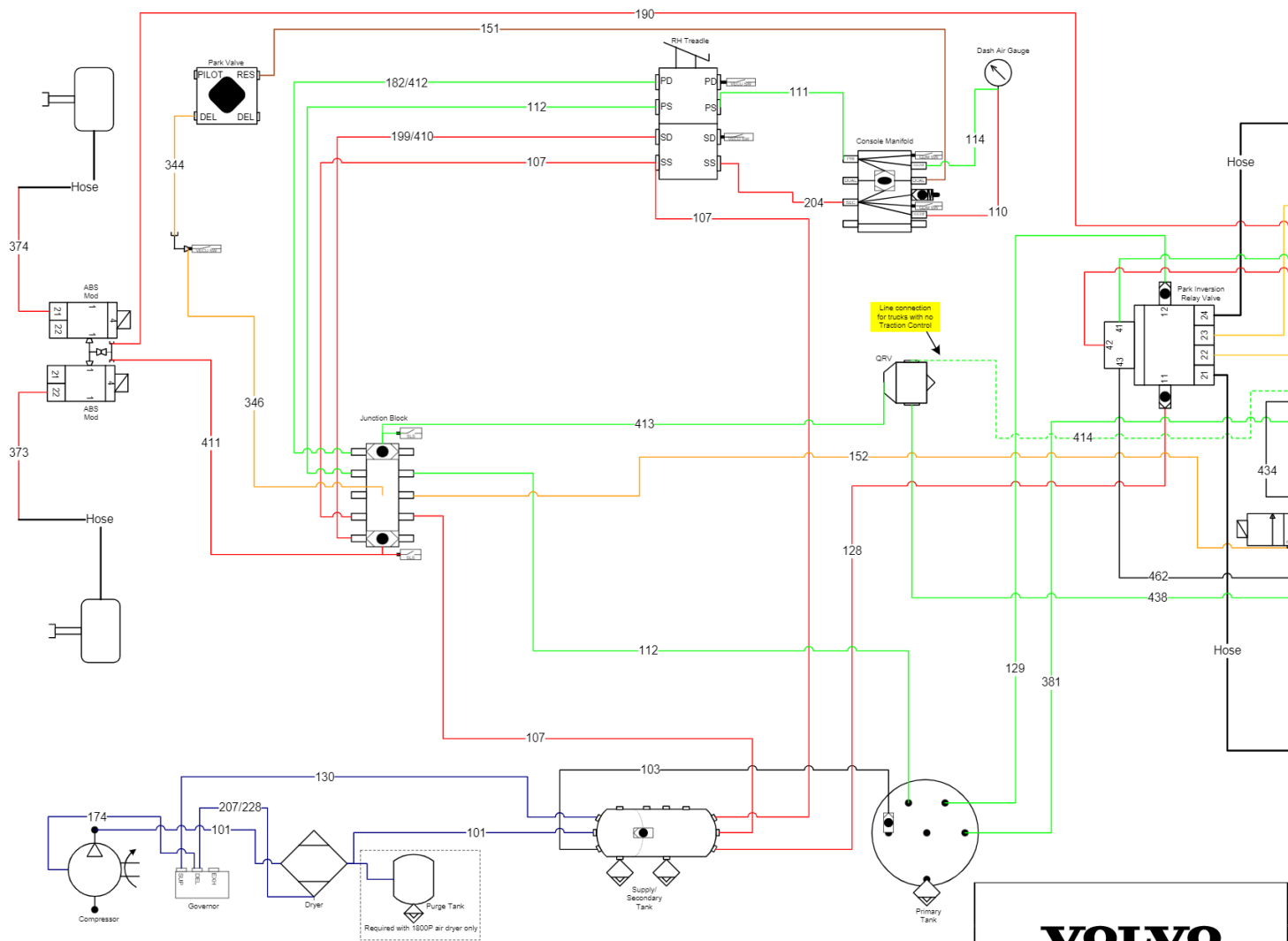
2. LEU with Work Brake, with Dual Driving Positions



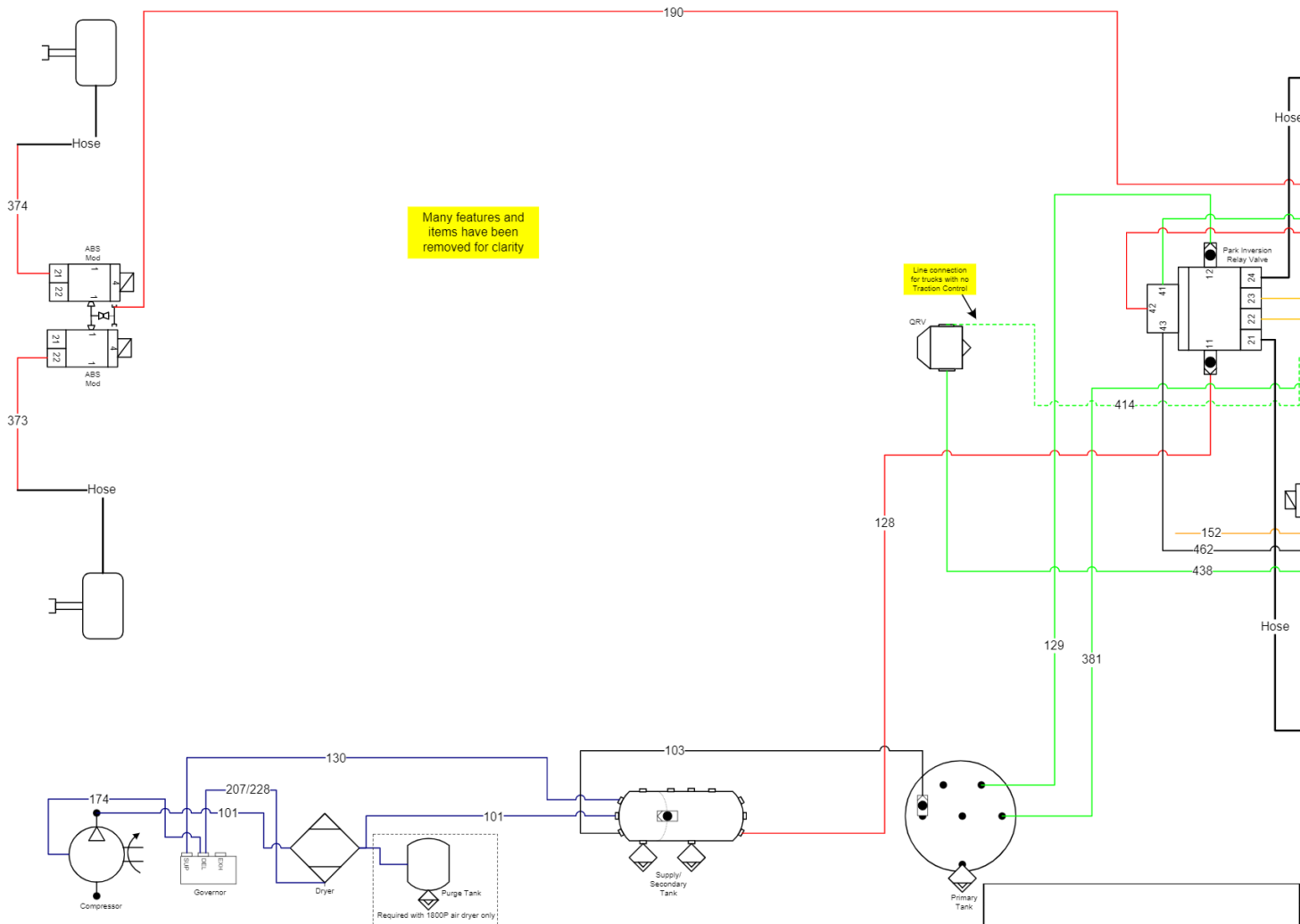
Line connection for trucks with no Traction Control

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5. LEU without Work Brake, with Single Driving Position

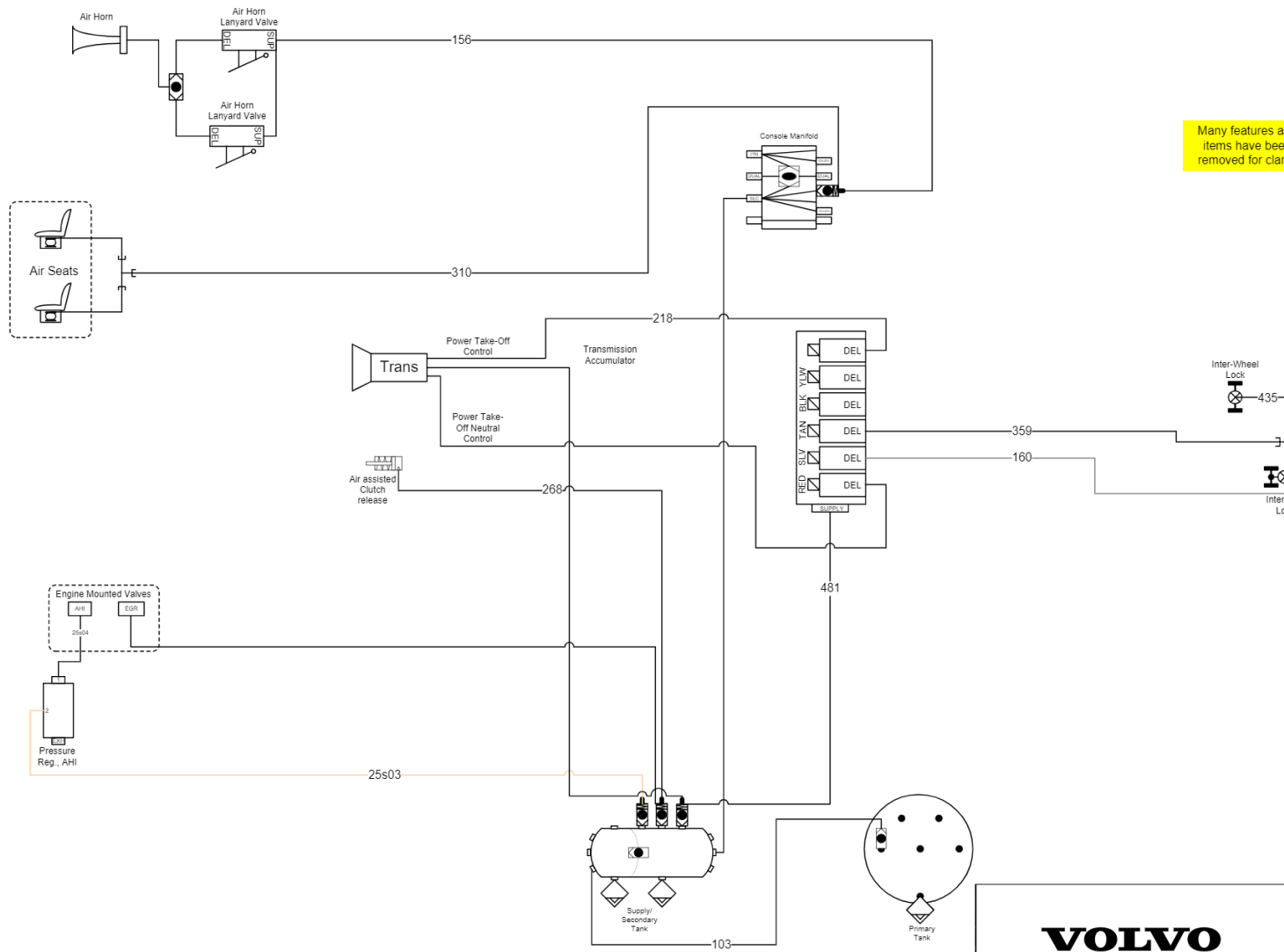


6. 6S/6M



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7. Auxiliary Systems on Pressure Protected Circuits



Many features and items have been removed for clarity



8. Air Line Numbers and Description

Line No.	Description	Color	Line Size
101	Compressor to Supply Reservoir	Blue	3/4"
103	Supply Reservoir to Primary Reservoir	Black	1/2"
107	Secondary Reservoir to Brake Valve, Supply	Red	1/2"
110	Secondary Reservoir to Low Pressure Indicator & Air Gauge	Red	1/4"
111	Supply from Primary Reservoir to Manifold	Green	3/8"
112	Primary Reservoir to Brake Valve, Supply	Green	1/2"
114	Primary Reservoir to Low Pressure Indicator & Air Gauge	Green	1/4"
122	Relay Valve Delivery to Rear Axle Spring Brake Tee	-	3/8"
126	Front Rear Axle Spring Brake Tee to Brake Chamber	-	3/8"
127	Rear Rear Axle Spring Brake Tee to Brake Chamber	-	3/8"
128	Secondary Reservoir to Parking Control Valve w/ Check Valve	Red	1/2"
129	Primary Air Reservoir to Parking Control Valve w/ Check Valve	Green	1/2"
130	Supply Reservoir to Governor Reserve Port	-	3/8"
134	Primary or Secondary Reservoir to Hand Control Valve, Supply	Green	3/8"
135	Hand Control Valve Delivery to Double Check Valve	Grey	3/8"
151	Primary or Secondary Reservoir Double Check Valve to Parking Brake Control Valve, Supply	Brown	3/8", 1/4"

Line No.	Description
152	Parking Brake Delivery to Spring Supply
156	Air Horn Supply
160	Power Divider Lock-Out
174	Governor to Com
182	Brake Valve Delivery (Primary) to Application
184	Service Relay Valve, Delivery to Valve, Balance (Anti-C
190	Brake Valve Delivery (Secondary Control Valve, C
199	Brake Valve Delivery (Secondary Release Valve (S
204	Secondary Supply to C
207	Air Governor Unloader Port to A
218	P.T.O. Control Valve
228	Air Compressor Unloader Port Valve Control
268	Supply to Transmissio
310	Air Supply to Air Su
334	Work Brake Control V
335	Secondary Reservoir (Supply) to Reducing Valve

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8. Air Line Numbers and Description (cont.)

Line No.	Description	Color	Line Size
336	Primary Reservoir (Supply) to Work Brake Pressure Reducing Valve Supply	-	3/8"
338	Work Brake Pressure Reducing Valve Delivery to Work Brake Control Valve Supply (Primary)	-	3/8"
339	Work Brake Pressure Reducing Valve Delivery to Work Brake Control Valve Supply (Secondary)	-	3/8"
340	Work Brake Control Valve Primary Delivery to Double Check Valve Supply	-	3/8"
341	Work Brake Control Valve Secondary Delivery to Spring Brake Solenoid (In)	-	3/8"
343	RH Parking Brake Control Valve Delivery to LH Parking Brake Control Valve Control (Dual Drive only)	-	1/4"
344	Parking Brake Control Valve Delivery to Parking Brake Double Check Valve Supply	-	1/4"
345	LH Parking Brake Control Valve Delivery to RH Parking Brake Control Valve Control (Dual Drive only)	-	1/4"
346	Parking Brake Double Check Valve Delivery to Spring Brake Control Valve	-	1/4"
359	Inter-Wheel Power Divider Control Valve Delivery to Rear Axle	-	1/4"
373	LH ABS Modulator Valve Delivery to Front Axle Brake Chamber	Red	1/2"
374	RH ABS Modulator Valve Delivery to Front Axle Brake Chamber	Red	1/2"

Line No.	Description
375	Service Brake Relay Valve L Modulator Valve
376	Service Brake Relay Valve R Modulator Valve
377	LH ABS Modulator Valve Delivery to Service Brake C
378	RH ABS Modulator Valve Delivery to Service Brake C
379	LH ABS Modulator Valve Delivery to Service Brake C
380	RH ABS Modulator Valve Delivery to Service Brake C
381	Primary Reservoir to Service Brake
382	Work Brake Control Valve Secondary Double Check
410	Brake Valve/Double Check Valve Junction Block/Double Check Valve
411	Junction Block/Double Check Valve to Front Axle Quick Release
412	Brake Valve/Double Check Valve Junction Block/Double Check Valve
413	Junction Block/Double Check Valve Rear Axle Signal Quick Release

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8. Air Line Numbers and Description (cont.)

Line No.	Description	Color	Line Size
414	Quick Release Valve Delivery to Rear Axle Service Relay Valve Application	-	1/2"
433	Treadle Valve Delivery (Primary) to Traction Control Solenoid	Green	1/2", 3/8"
434	Traction Control Solenoid Delivery to Rear Axle Service Relay Valve Application	-	1/2", 3/8"
435	Inter-Wheel Diff Loc Control Solenoid to Front Rear Axle Diff Loc Port	Black	1/4"
436	Inter-Wheel Diff Loc Control Solenoid to Rear Rear Axle Diff Loc Port	Brown	1/4"

Line No.	Description
438	Quick Release Valve Delivery Control Solenoid
462	Spring Brake Inversion Valve Solenoid
481	Secondary Reservoir to Pneumatic Control Solenoid
25s03	AHI Regulator Valve
25d04	AHI Regulator Valve Delivery

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