



Introduction

This document contains information about the cab, instrument panel in Volvo vehicles.

Note: We have attempted to cover as much information as possible. However, this information does not cover all the unique variations that a vehicle may present. Note that illustrations are typical but may not reflect all the variations of assembly.

All data provided is based on information that was current at time of release. However, **this information is subject to change without notice.**

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Instrument Panel

Tell-tales

A tell-tale is a display that indicates the actuation of a device, a correct or defective condition, or a failure to function. The operator should become familiar with these symbols in order to recognize and react (if necessary) to the indicated condition. Tell-tale symbols are shown in the instrument panel illustrations on the following pages.

Colors

To promote visual recognition internationally, specific colors for tell-tales have been established. Unless governmental regulations (in the area where the vehicle is to be used) or engineering directives specify otherwise, the standard colors are:

- **Steady Blue** — high-beam headlights
- **Flashing Green** — turn signals
- **Flashing Red** — hazard condition involving the safety of personnel
- **Steady Green** — system in operation
- **Steady Red** — warning, immediate action required
- **Amber** — early warning, such as low fuel or Anti-Lock Brake System (ABS) malfunction

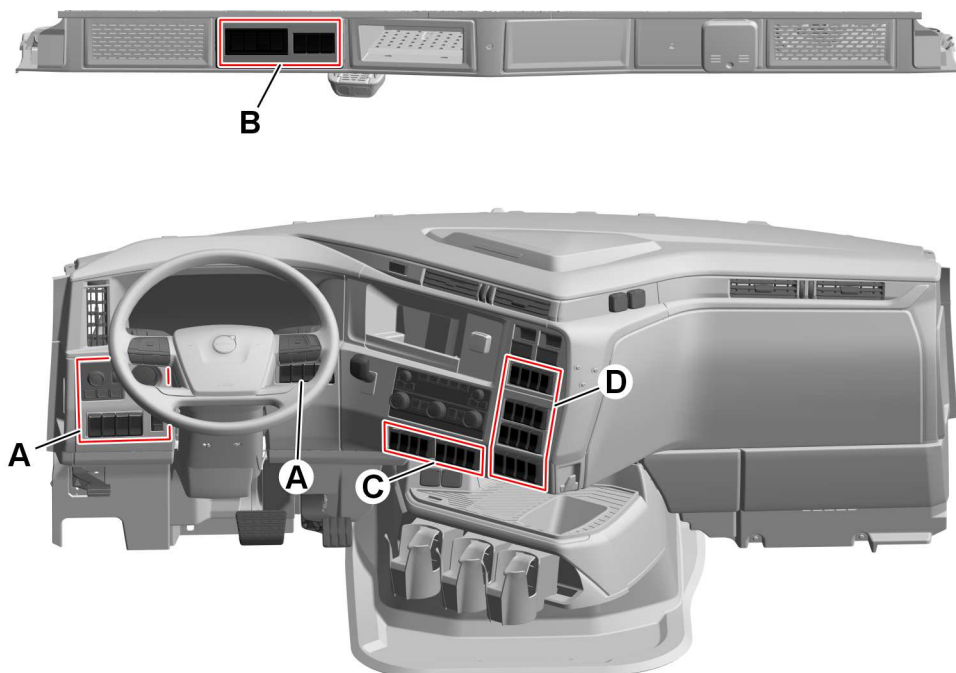
Panel Arrangement

Your view from the driver seat should look something like the illustrations shown on the next page. The layout is designed to provide the operator with a good view of the gauges and controls (which are placed so they are within easy reach). The instrument panel, as shown in the following drawing, is broken down into several main sections. For easy identification we refer to them as Panels A, B, C and D.

Note: This section shows the instruments and controls available for this vehicle at the time of publication. However, depending on options, your vehicle may not have all the instruments and controls shown here, and they may not be in the same position.

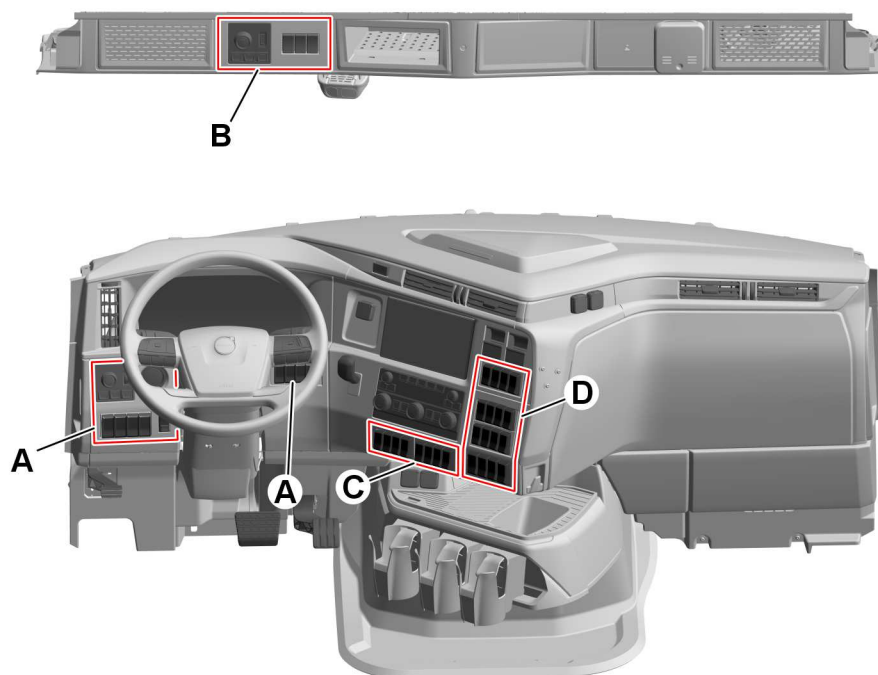
Notes

Instrument Panel Layout - without Secondary Information Display (SID)



T3198995

Instrument Panel Layout - with Secondary Information Display (SID)



T3199020

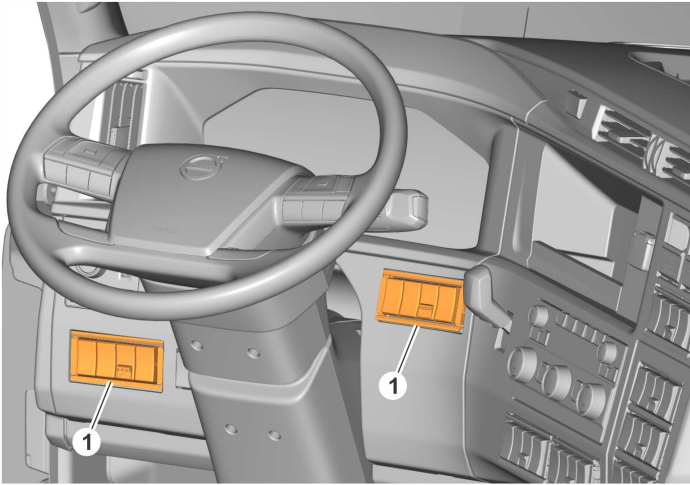
A = Panel A

B = Panel B

C = Panel C

D = Panel D


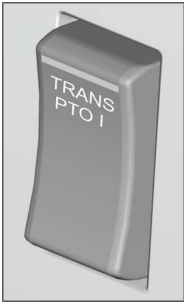

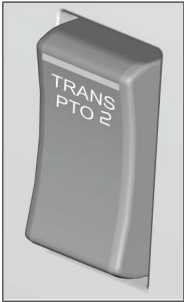
Panel A



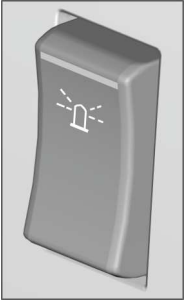



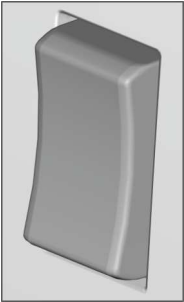


T3198996

• 1: Flexible switches

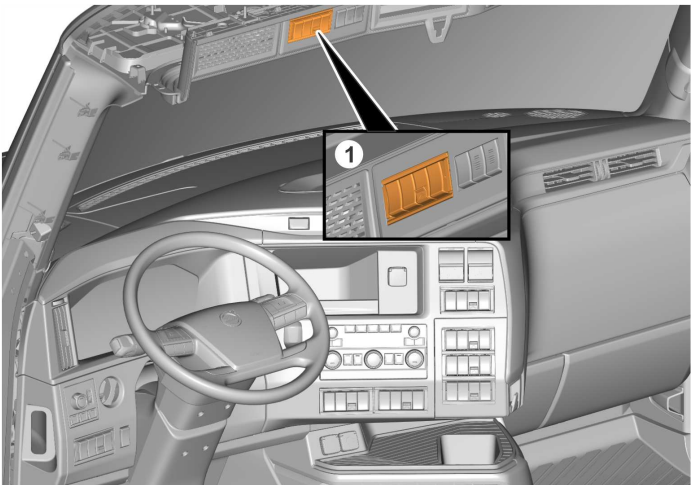
Note: If the switches on the panel A is filled, the remaining switches are moved to the panel D based on the priority.

Flexible switches	Switch name	Flexible switches	Switch name
 T3199509	Engine stop-runway protection	 T3199508	Transmission PTO 1
 T3199511	Heated windscreen	 T3199507	Transmission PTO 2

 <p>T3199516</p>	Daytime Running Light (DRL) override	 <p>T3199512</p>	Side working lamp/auto
 <p>T3199515</p>	Beacon lamp	 <p>T3199510</p>	Auto engine start/stop (for battery 2)
 <p>T3199513</p>	Snow plow lamp	 <p>T3199514</p>	Remote start enable
 <p>T3199594</p>	Dummy flexible switch		

Notes




Panel B



T3198999

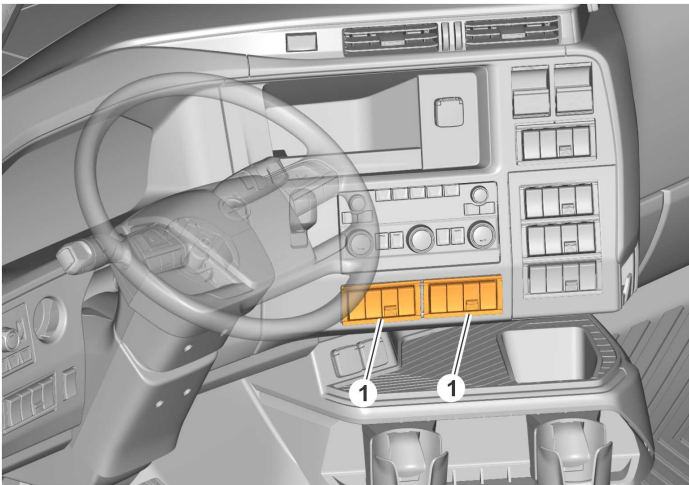
• 1: Flexible switches

Note: If the vehicle does not have an Interior Light Control Panel (ILCP), one FSP is available.

Flexible switches	Switch name	Flexible switches	Switch name
 T3199557	Cab dome and floor	 T3199559	Sleeper dome
 T3199558	Door enable		

Notes


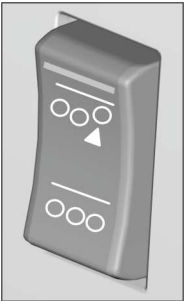
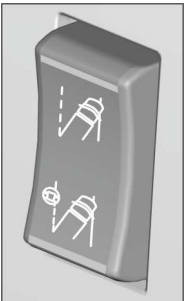
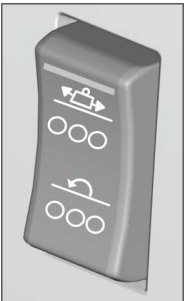
Panel C


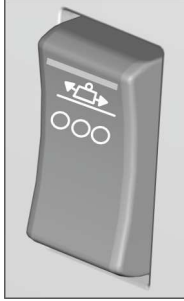

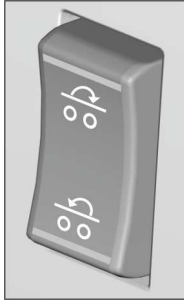

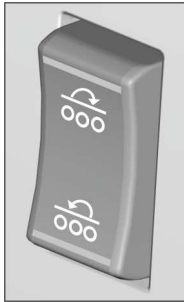

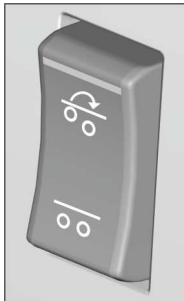



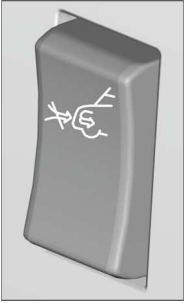






T3198997


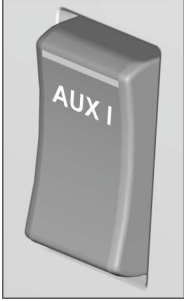
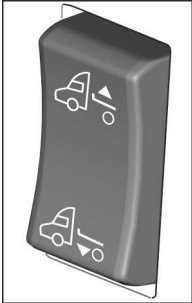

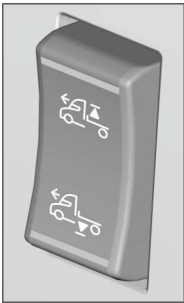


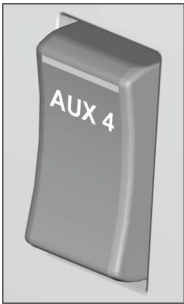


• 1: Flexible switches

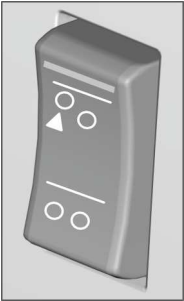

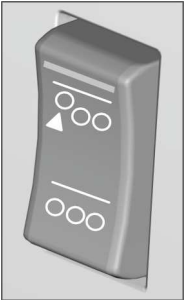

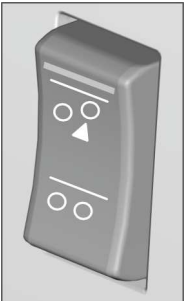

Note: If the switches on the panel C is filled, the remaining switches are moved to the panel D based on the priority.

Flexible switches	Switch name	Flexible switches	Switch name
 T3199517	Lane Change Support (LCS) system, departure warning	 T3199721	Tridem tag axle lift
 T3199518	LCS departure warning continuous steering	 T3199726	Ratio ALD

 <p>T3199544</p>	Lane Change Support (LCS)	 <p>T3199727</p>	Tridem ALD
 <p>T3199521</p>	Forward Collision Warning (FCW)	 <p>T3199542</p>	Ratio, double drive axle
 <p>T3199717</p>	Driver Alert Support, warning	 <p>T3199728</p>	Tridem ratio, double drive
 <p>T3199722</p>	ECO-ROLL disable	 <p>T3199543</p>	Lift axle and maximum TR push

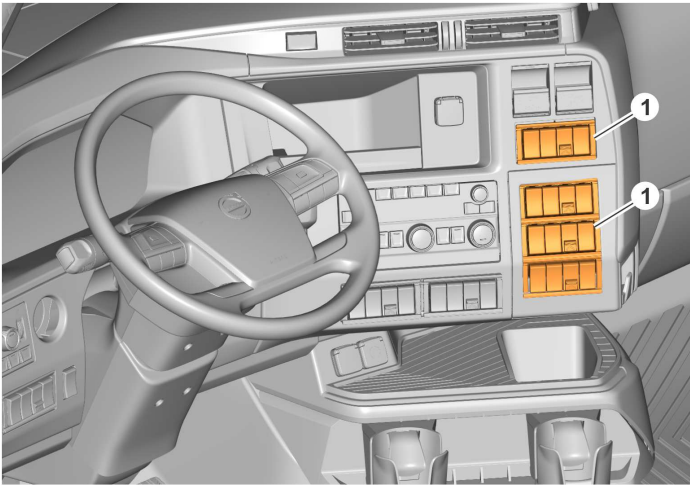
 <p>T3199751</p>	Hill start assist disable	 <p>T3199530</p>	Inside/outside engine air tank
 <p>T3199527</p>	Fifth wheel slide	 <p>T3199729</p>	Engine fan override
 <p>T3199528</p>	Fifth wheel unlock	 <p>T3199730</p>	Trailer auxiliary
 <p>T3199525</p>	Automatic Traction Control (ATC) mud/snow ATC off	 <p>T3199556</p>	International Organization for Standardization (ISO) trailer auxiliary

 <p>T3199724</p>	<p>Temporary Road Speed Limiter (RSL)</p>	 <p>T3199555</p>	<p>Auxiliary 1—momentary</p>
 <p>T3199539</p>	<p>Height level adjustment</p>	 <p>T3199554</p>	<p>Auxiliary 2—momentary</p>
 <p>T3199538</p>	<p>Drive level Electronically Controlled Suspension (ECS)</p>	 <p>T3199553</p>	<p>Auxiliary 3—momentary</p>
 <p>T3199540</p>	<p>Ride height recall</p>	 <p>T3199552</p>	<p>Auxiliary 4—momentary</p>
	<p>Air suspension dump</p>		<p>Auxiliary 5—momentary</p>

<div>T3199725</div> <div>  </div> <div>T3199720</div>	Forward lift axle	<div>T3199551</div> <div>  </div> <div>T3199550</div>	Auxiliary 6–momentary
<div>T3199718</div> <div>  </div> <div>T3199718</div>	Tridem pusher axle	<div>T3199549</div> <div>  </div> <div>T3199549</div>	Auxiliary 7–momentary
<div>T3199719</div> <div>  </div> <div>T3199719</div>	Rear lift axle	<div>T3199610</div> <div>  </div> <div>T3199610</div>	Auxiliary 8–momentary







Notes

Panel D



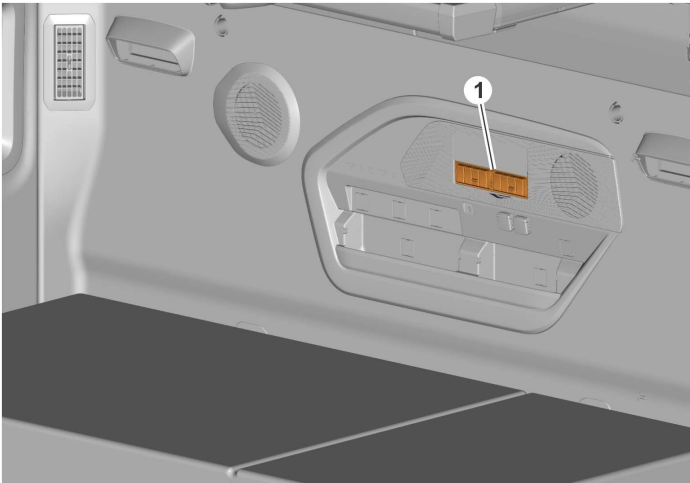
T3198998

• 1: Flexible switches

Flexible switches	Switch name	Flexible switches	Switch name
 T3199531	Vision cameras	 T3199548	Differential lock interwheel, front
 T3199545	Differential lock inter-axle	 T3199547	Differential lock interwheel, rear
 T3199546	Differential lock interwheel	 T3199617	Differential lock interwheel, automatic

Notes

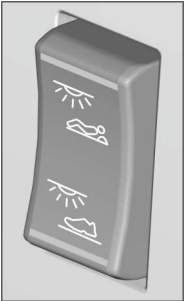
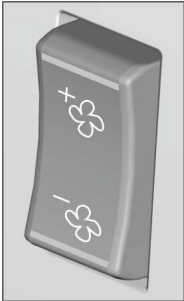

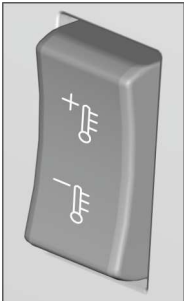
Panel E



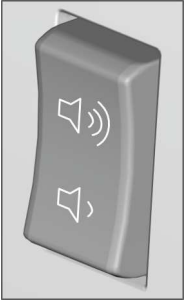



T3199000

• 1: Flexible switches

Note: If the vehicle does not have a Living Environment Control Module (LECM), two FSP are available.

Flexible switches	Switch name	Flexible switches	Switch name
 T3199560	Sleeper doom and floor	 T3199564	Sleeper fan speed
 T3199561	Inverter	 T3199565	Sleeper temperature

 <p>T3199562</p>	Radio on/off	 <p>T3199566</p>	Cab lock
 <p>T3199563</p>	Radio volume	 <p>T3199567</p>	Panic

Before driving this vehicle, locate the instruments and controls and become thoroughly familiar with their operation. After starting and when driving, ensure that the instrument readings are normal.

Note: The instruments and controls shown were available for this vehicle at the time of publication. Depending on the options selected, all gauges and tell-tales may not be used in all vehicles.

Note: The dashboard layout is the same for all Volvo vehicles. However, the switches and certain switch positions are different depending on vehicle options.

Dashboard switches

General

Switches that may be fitted in the truck are in the above pages. The available switches in the truck are dependent on the truck's equipment.

Movable switches

The location of most the switches can be easily adapted to the driver's requirements. A few switches cannot be moved for safety reasons.

Notes

Instrument Cluster

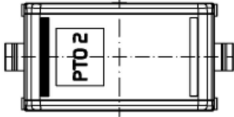
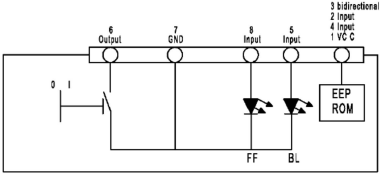
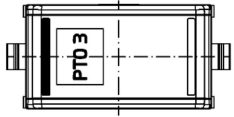
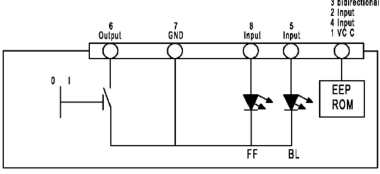
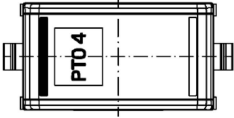
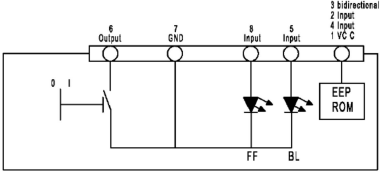
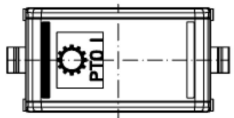
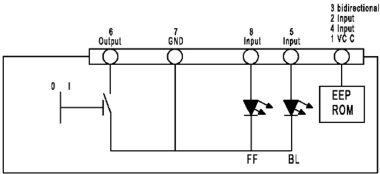
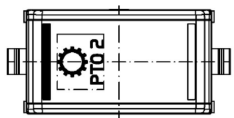
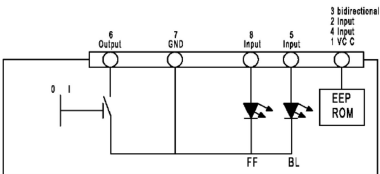
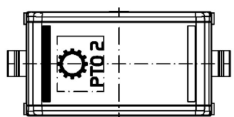
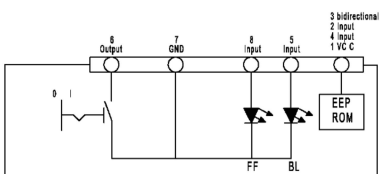
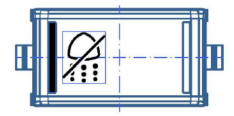
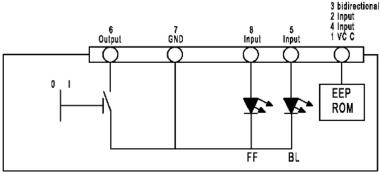
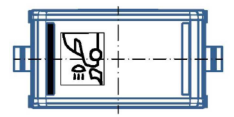
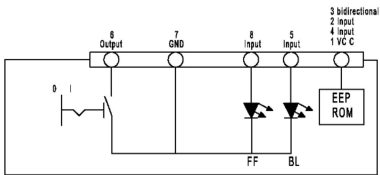
Note: Refer to owners manual for instrument cluster and Driver Information Display (DID)

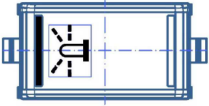
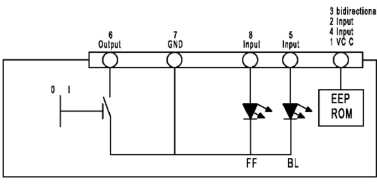
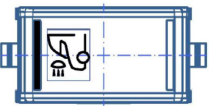
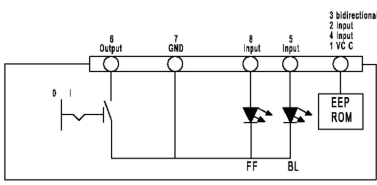
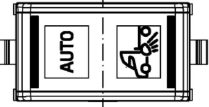
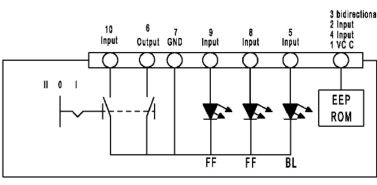
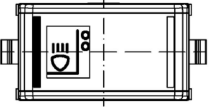
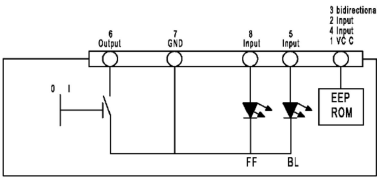
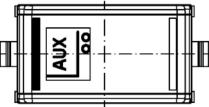
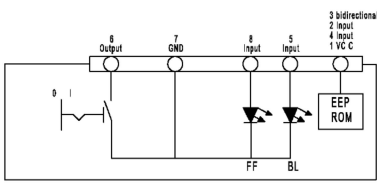
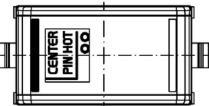
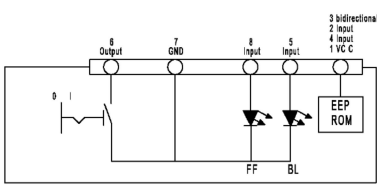
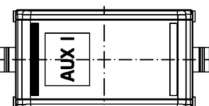
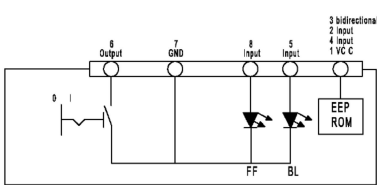
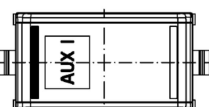
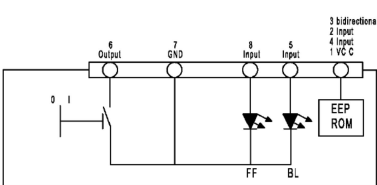
Switches and Controls

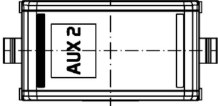
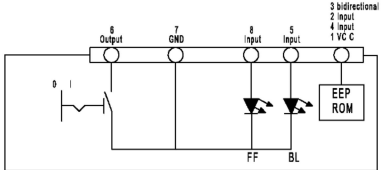
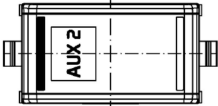
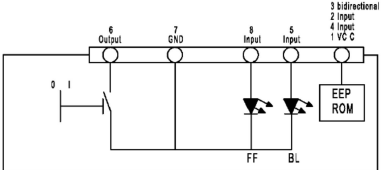
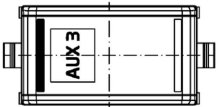
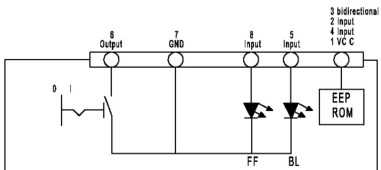
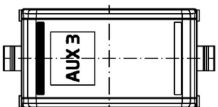
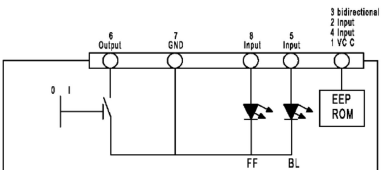
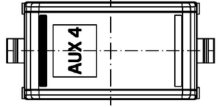
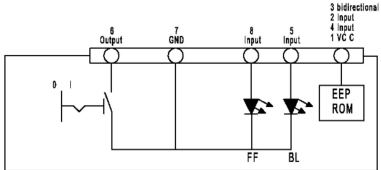
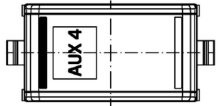
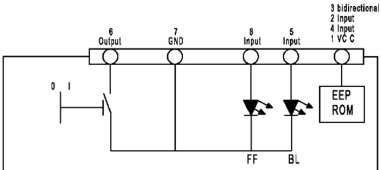
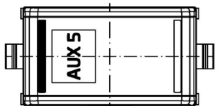
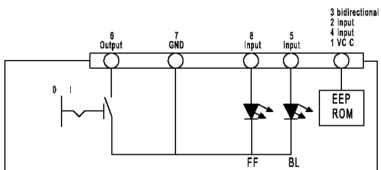
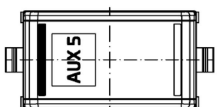
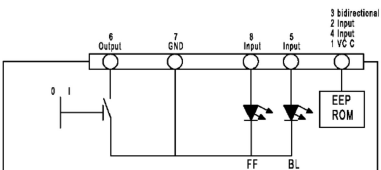
Flexible Rocker Switches

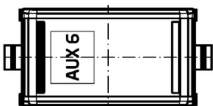
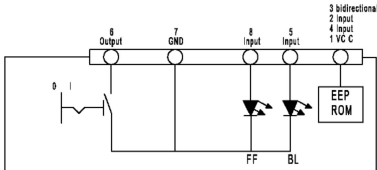
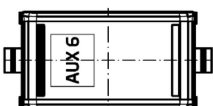
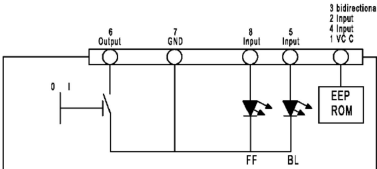
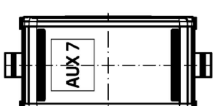
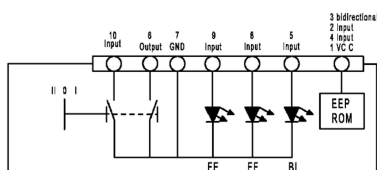
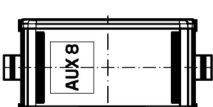
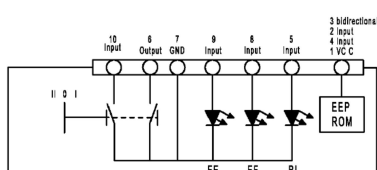
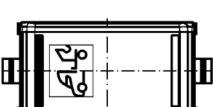
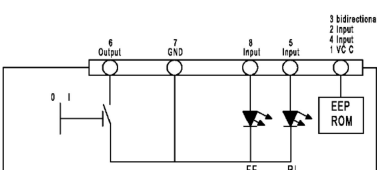
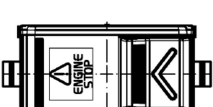
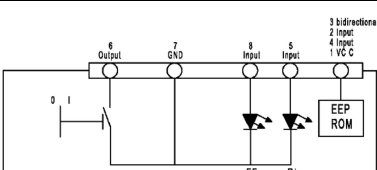
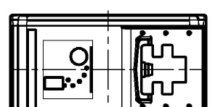
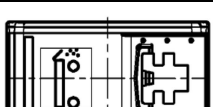
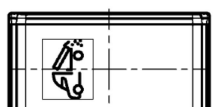
Description	Part number	Symbol	Circuit diagram	Comment
Forward Lift Axle	23702095			I: NO - Momentary II: NO - Latching 2x 1-pole
Rear Lift Axle	23702096			I: NO - Momentary II: NO - Latching 2x 1-pole
Tridem Pusher Axle Lift	23702099			I: NO - Momentary II: NO - Latching 2x 1-pole
Tridem Tag Axle Lift	23702100			I: NO - Momentary II: NO - Latching 2x 1-pole
Lift Axle and Maximum Tridem Push	23702102			I: NO - Momentary II: NO - Latching 2x 1-pole
PTO1	23702104			NO - Latching 1-pole
PTO2	23702106			NO - Latching 1-pole

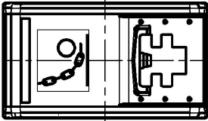
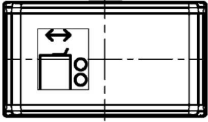
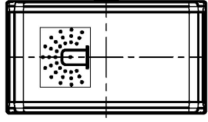

Description	Part number	Symbol	Circuit diagram	Comment
Fifth Wheel Unlock	23702112			NO - Momentary 1-pole
Fifth Wheel Slide	23702113			NO - Latching 1-pole
Remote Start Enable	23702114			NO - Latching 1-pole
Temporary RSL	23702115			NO - Momentary 1-pole
Gearbox PTO1	23702116			NO - Latching 1-pole
Inside/Outside Engine Air Intake	23702118			NO - Latching 1-pole
Cross Country Cruise Control	23702119			NO - Momentary 1-pole
PTO1	23702121			NO - Momentary 1-pole

Description	Part number	Symbol	Circuit diagram	Comment
PTO2	23702122			NO - Momentary 1-pole
PTO3	23702123			NO - Momentary 1-pole
PTO4	23702124			NO - Momentary 1-pole
Gearbox PTO1	23702125			NO - Momentary 1-pole
Gearbox PTO2	23702126			NO - Momentary 1-pole
Gearbox PTO2	23702129			NO - Latching 1-pole
DRL Override	23702132			NO - Momentary 1-pole
Plow Lamps	23702134			NO - Latching 1-pole

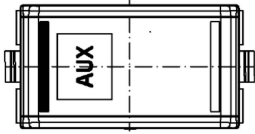
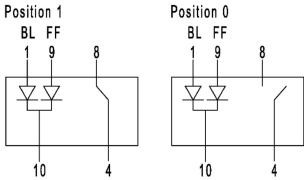
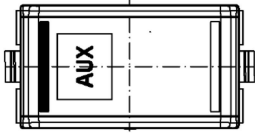
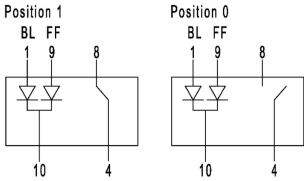
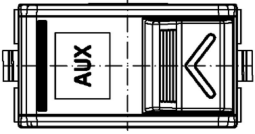
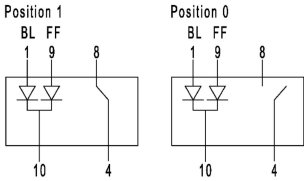
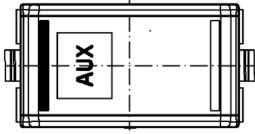
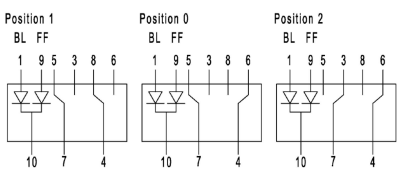
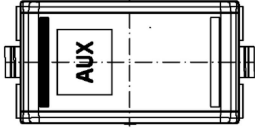
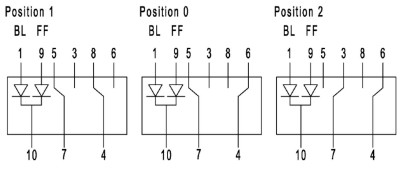
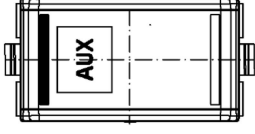
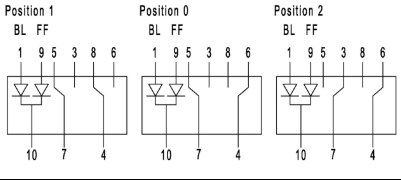
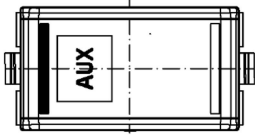
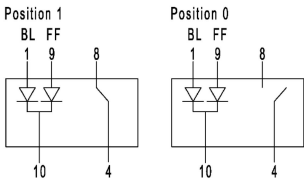
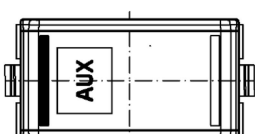
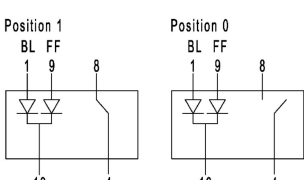
Description	Part number	Symbol	Circuit diagram	Comment
Beacon Light	23702135			NO - Momentary 1-pole
Spot Light Front	23702140			NO - Latching 1-pole
Side Working Light/ Auto	23702144			NO - Latching 1-pole
Trailer Body Light	23702145			NO - Momentary 1-pole
ISO Trailer AUX	23702151			NO - Latching 1-pole
Trailer AUX	23702152			NO - Latching 1-pole
AUX1	23702153			NO - Latching 1-pole
AUX1-Momentary	23702154			NO - Momentary 1-pole

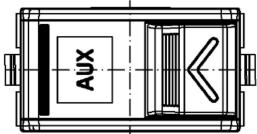
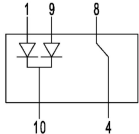
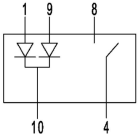
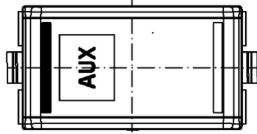
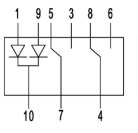
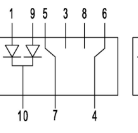
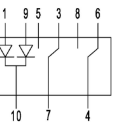
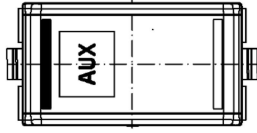
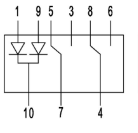
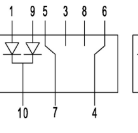
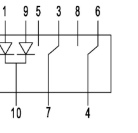
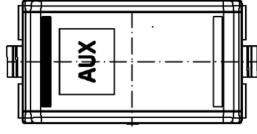
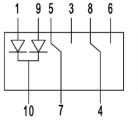
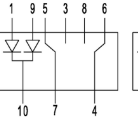
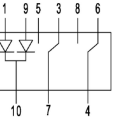

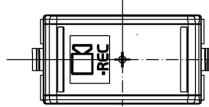
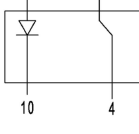
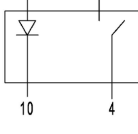
Description	Part number	Symbol	Circuit diagram	Comment
AUX2	23702155			NO - Latching 1-pole
AUX2-Momentary	23702156			NO - Momentary 1-pole
AUX3	23702157			NO - Latching 1-pole
AUX3-Momentary	23702158			NO - Momentary 1-pole
AUX4	23702159			NO - Latching 1-pole
AUX4-Momentary	23702160			NO - Momentary 1-pole
AUX5	23702161			NO - Latching 1-pole
AUX5-Momentary	23702162			NO - Momentary 1-pole

Description	Part number	Symbol	Circuit diagram	Comment
AUX6	23702163			NO - Latching 1-pole
AUX6-Momentary	23702164			NO - Momentary 1-pole
AUX7-Momentary	23702165			NO - Momentary 1-pole
AUX8-Momentary	23702324			NO - Momentary 1-pole
Crane	23702816			NO - Momentary 1-pole
Engine Runaway Protection	24041730			NO - Momentary 1-pole
Sander Device	23702377			Cap Lock Switch
Flap Release	23702380			Cap Lock Switch
Flap Release	23702381			Cap

Description	Part number	Symbol	Circuit diagram	Comment
Automatic Snow Chain	23702382			Cap Lock Switch
Giloutine	23702383			Cap
Strobe	23905006			Cap
Blind Cover (Dummy switch)	23664626			Dummy



Hardwire Rocker Switch





Description	Part number	Symbol	Circuit diagram	Comment
AUX	23702242		 <p>Position 1: BL FF 1 9 8 10 4</p> <p>Position 0: BL FF 1 9 8 10 4</p>	NO - Latching 1-pole
AUX	23702244		 <p>Position 1: BL FF 1 9 8 10 4</p> <p>Position 0: BL FF 1 9 8 10 4</p>	NO - Momentary 1-pole
AUX	23702245		 <p>Position 1: BL FF 1 9 8 10 4</p> <p>Position 0: BL FF 1 9 8 10 4</p>	NO - Latching 1-pole
AUX	23702246		 <p>Position 1: BL FF 1 9 5 3 8 6 10 7 4</p> <p>Position 0: BL FF 1 9 5 3 8 6 10 7 4</p> <p>Position 2: BL FF 1 9 5 3 8 6 10 7 4</p>	NO - Latching 2x1-pole
AUX	23702247		 <p>Position 1: BL FF 1 9 5 3 8 6 10 7 4</p> <p>Position 0: BL FF 1 9 5 3 8 6 10 7 4</p> <p>Position 2: BL FF 1 9 5 3 8 6 10 7 4</p>	I: NO - Latching II: NO - Momentary 2x1-pole
AUX	23702248		 <p>Position 1: BL FF 1 9 5 3 8 6 10 7 4</p> <p>Position 0: BL FF 1 9 5 3 8 6 10 7 4</p> <p>Position 2: BL FF 1 9 5 3 8 6 10 7 4</p>	NO - Momentary 2x1-pole
AUX-12V	24085736		 <p>Position 1: BL FF 1 9 8 10 4</p> <p>Position 0: BL FF 1 9 8 10 4</p>	NO - Latching 1-pole
AUX-12V	24085739		 <p>Position 1: BL FF 1 9 8 10 4</p> <p>Position 0: BL FF 1 9 8 10 4</p>	NO - Momentary 1-pole

AUX-12V	24085750		<div>Position 1</div> <div>BL FF</div>  <div>Position 0</div> <div>BL FF</div> 	NO - Latching 1-pole
AUX-12V	24085756		<div>Position 1</div> <div>BL FF</div>  <div>Position 0</div> <div>BL FF</div>  <div>Position 2</div> <div>BL FF</div> 	NO - Latching 2x1-pole
AUX-12V	24085761		<div>Position 1</div> <div>BL FF</div>  <div>Position 0</div> <div>BL FF</div>  <div>Position 2</div> <div>BL FF</div> 	I: NO - Latching II: NO - Momentary 2x1-pole
AUX-12V	24085763		<div>Position 1</div> <div>BL FF</div>  <div>Position 0</div> <div>BL FF</div>  <div>Position 2</div> <div>BL FF</div> 	NO - Momentary 2x1-pole
Blinder Cover (HW Switch Dummy)	24575772			Dummy
Bendix / LYTX Camera	24571871		<div>Position 1</div> <div>BL</div>  <div>Position 0</div> <div>BL</div> 	NO - Momentary 1-pole

Switch Functionality Legend

Refer the following table to identify switch functionality.

<div>1 0</div>  <div>W3007476</div>	On/Off Maintained
<div>1 0</div>  <div>W3007477</div>	On/Off (Momentary On)

 <p>W3007704</p>	On/Off (Momentary Off)
 <p>W3007479</p>	On/Off Locking
 <p>W3007480</p>	On/Off Locking (Momentary On)
 <p>W3007478</p>	On/Off/On (Momentary, With Center Off Position)

V O L V O

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