



## 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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## **Contents:**

- “Instrument Panel”, page 3
- “Instrument Panel Layout - without Secondary Information Display (SID)”, page 4
- “Panel A”, page 5
- “Panel B”, page 7
- “Panel C”, page 8
- “Panel D”, page 13
- “Panel E”, page 14
- “Instrument Cluster”, page 17
- “Switches and Controls”, page 17

# 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

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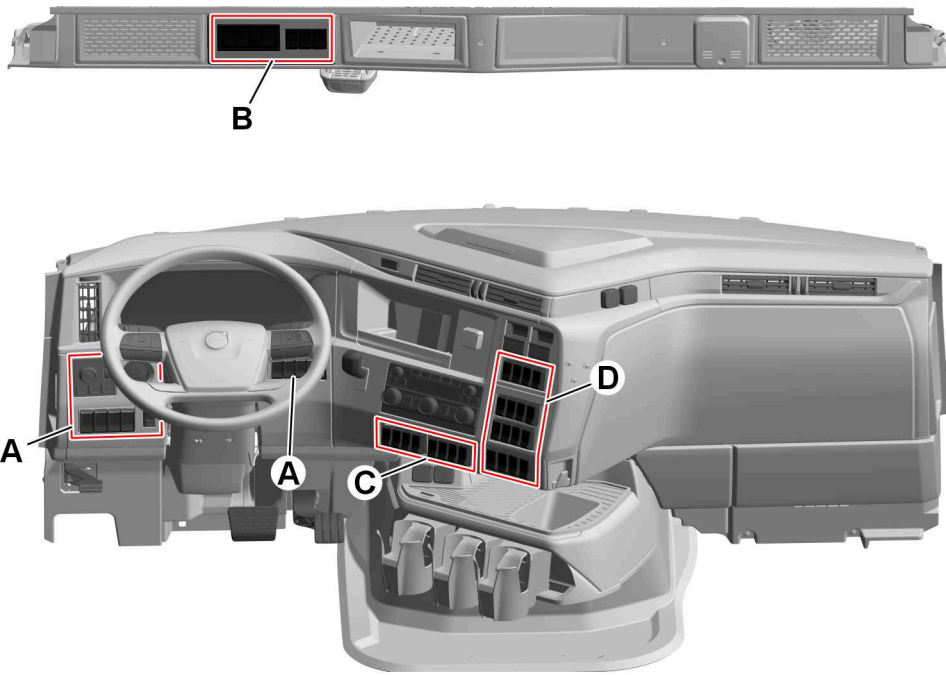
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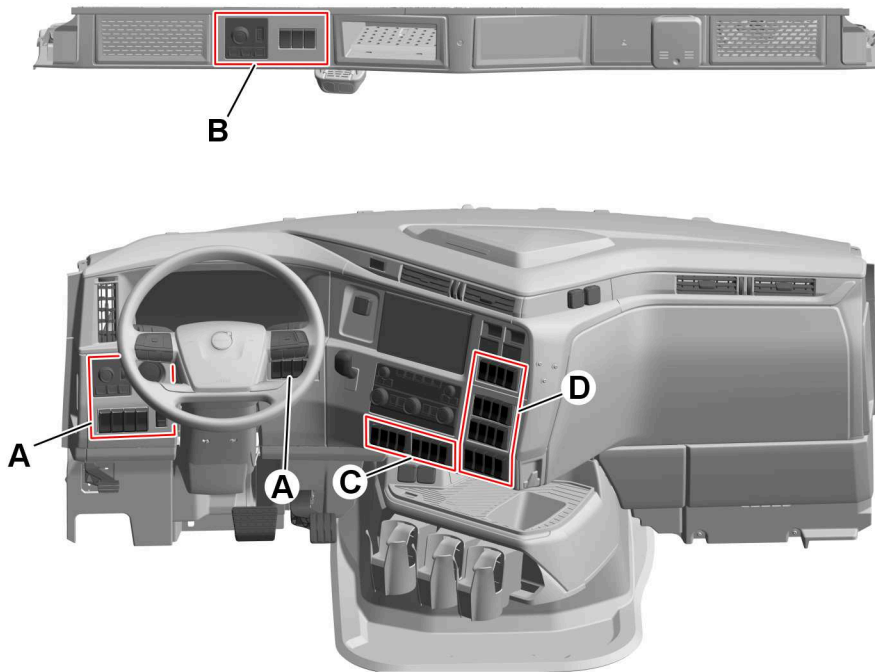
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## Instrument Panel Layout - without Secondary Information Display (SID)



T3198995

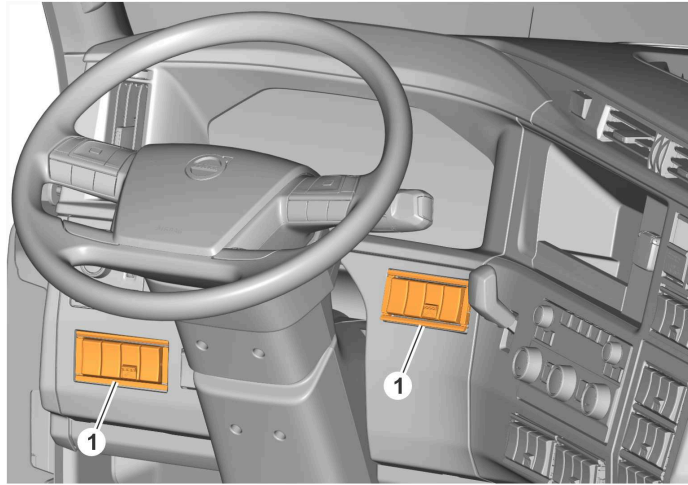
## Instrument Panel Layout - with Secondary Information Display (SID)



T3199020

- A = Panel A
- B = Panel B
- C = Panel C
- D = Panel D


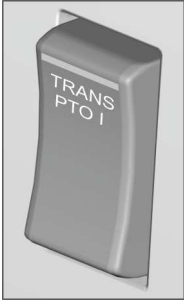

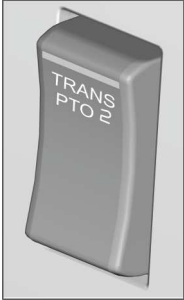
# Panel A



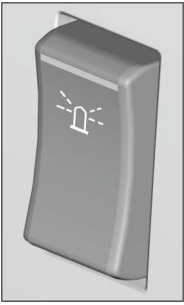






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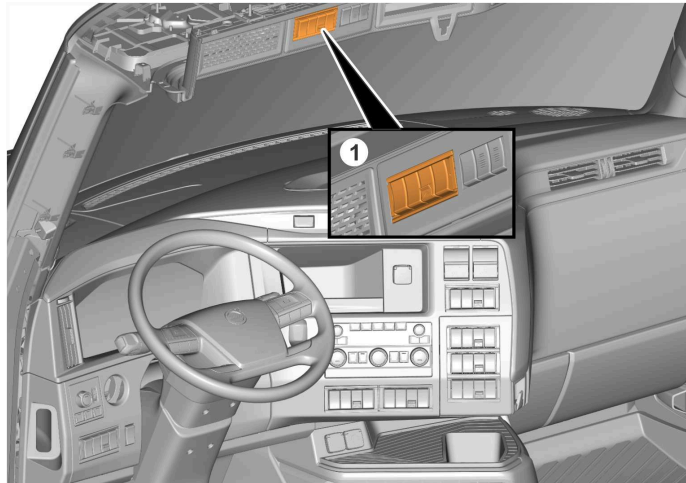
- 1: Flexible switches

**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
 <p>T3199509</p>	Engine stop-runway protection	 <p>T3199508</p>	Transmission PTO 1
 <p>T3199511</p>	Heated windscreen	 <p>T3199507</p>	Transmission PTO 2

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




# Panel B



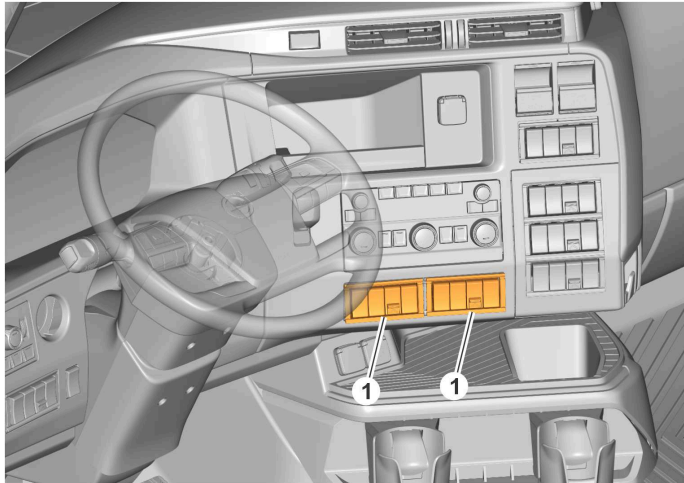
T3198999

- **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
 <p>T3199557</p>	Cab dome and floor	 <p>T3199559</p>	Sleeper dome
 <p>T3199558</p>	Door enable		

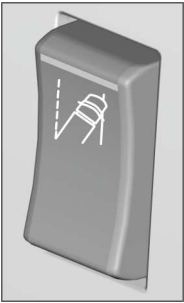
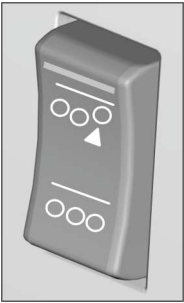
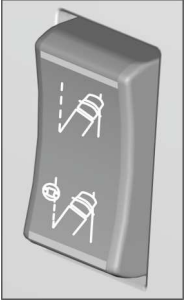
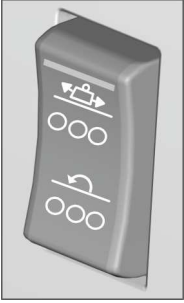
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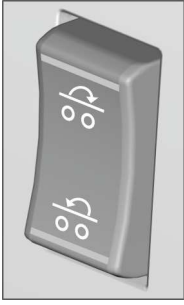

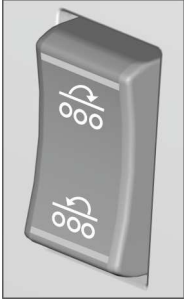

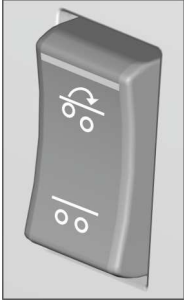










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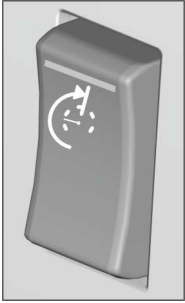
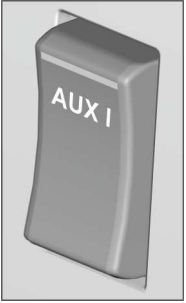


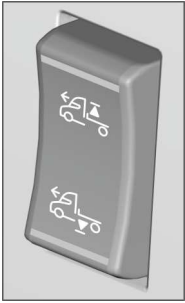





- **1: Flexible switches**

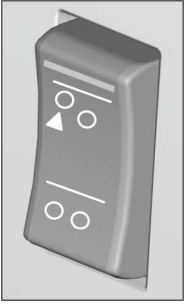

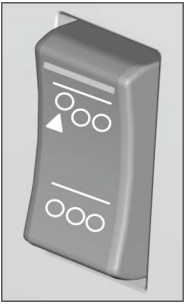

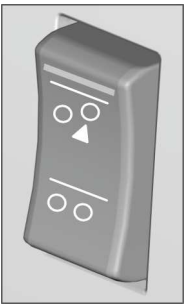

**Note:** If the switches on the panel C is filled, the remaining switches are moved to the panel D based on the priority.

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

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

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

 <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>T3199725</p>	<p>Air suspension dump</p>	 <p>T3199551</p>	<p>Auxiliary 5—momentary</p>

 <p>T3199720</p>	<p>Forward lift axle</p>	 <p>T3199550</p>	<p>Auxiliary 6-momentary</p>
 <p>T3199718</p>	<p>Tridem pusher axle</p>	 <p>T3199549</p>	<p>Auxiliary 7-momentary</p>
 <p>T3199719</p>	<p>Rear lift axle</p>	 <p>T3199610</p>	<p>Auxiliary 8-momentary</p>

**Notes**

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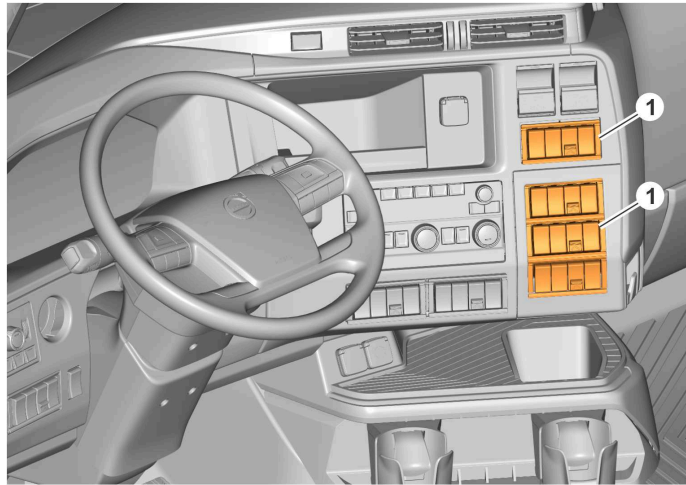


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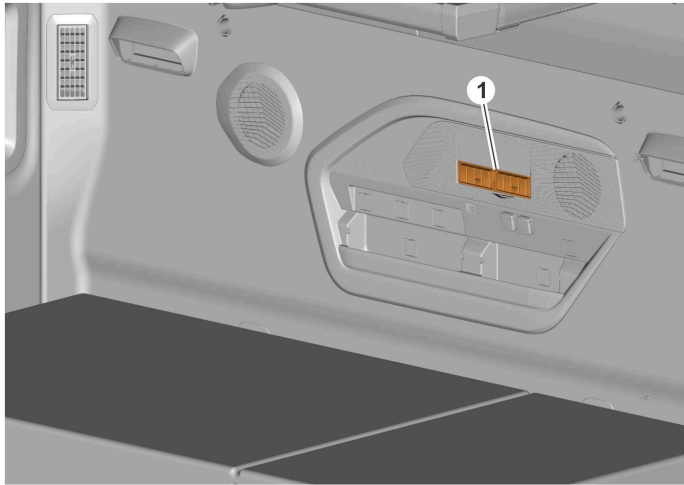


T3198998

- 1: Flexible switches

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

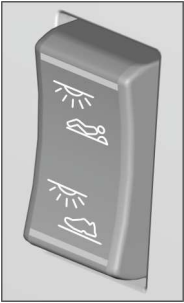
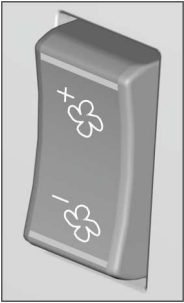

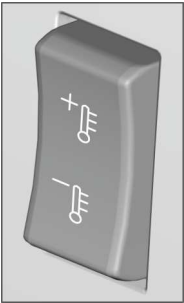
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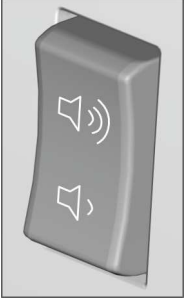



T3199000

- **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
 <p>T3199560</p>	Sleeper doom and floor	 <p>T3199564</p>	Sleeper fan speed
 <p>T3199561</p>	Inverter	 <p>T3199565</p>	Sleeper temperature

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

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.

**Notes**

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# 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

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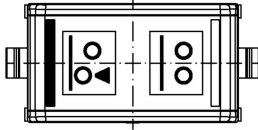
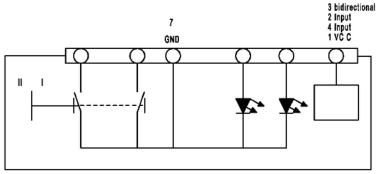
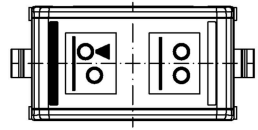
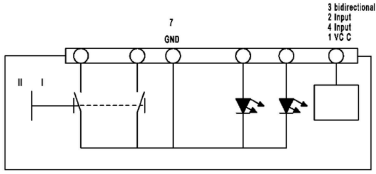
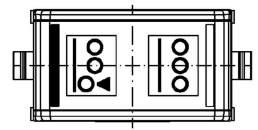
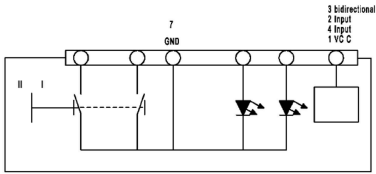
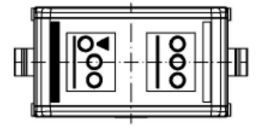
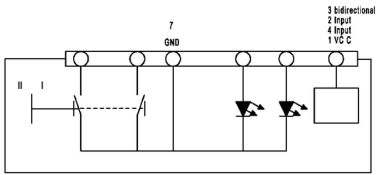
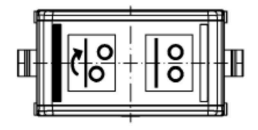
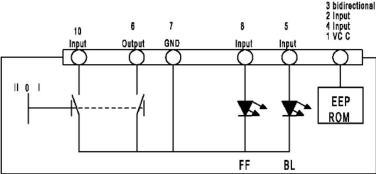
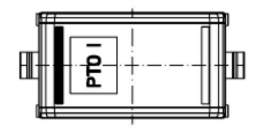
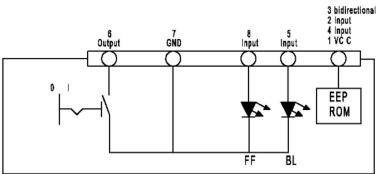
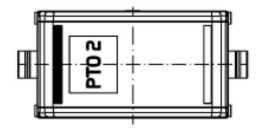
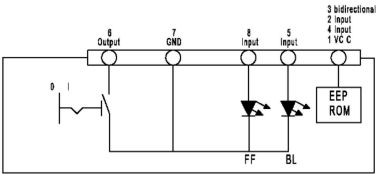
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# Instrument Cluster

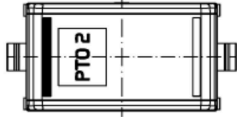
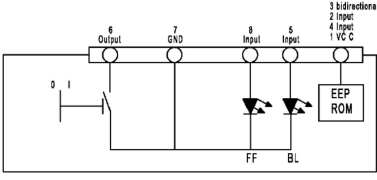
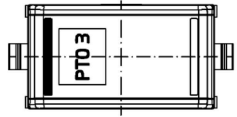
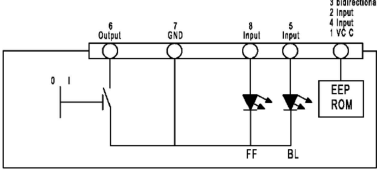
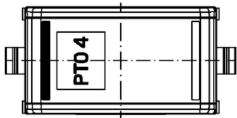
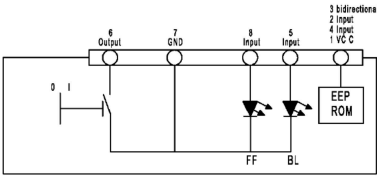
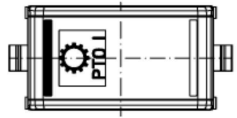
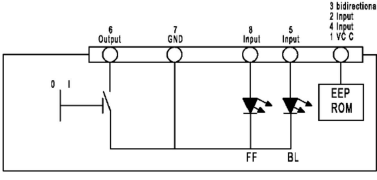
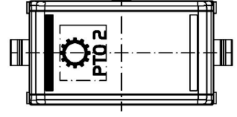
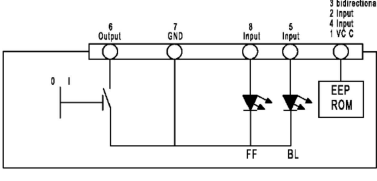
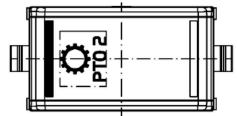
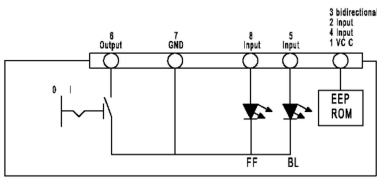
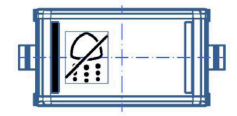
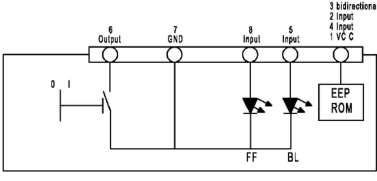
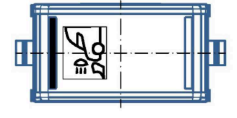
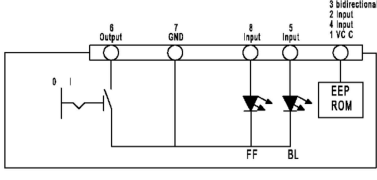
**Note:** Refer to owners manual for instrument cluster and Driver Information Display (DID)

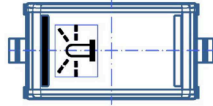
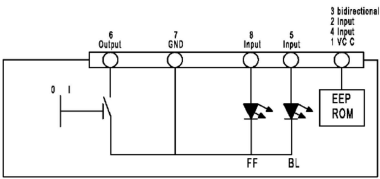
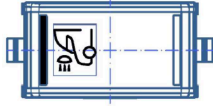
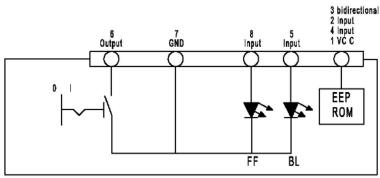
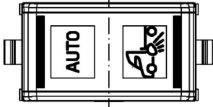
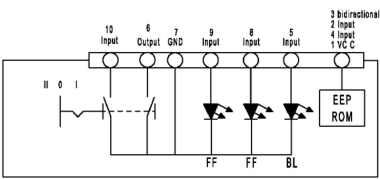
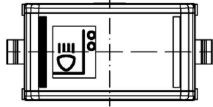
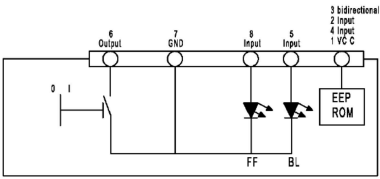
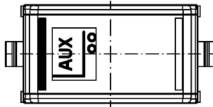
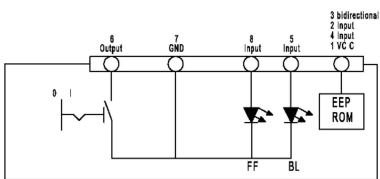
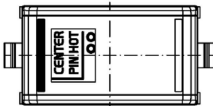
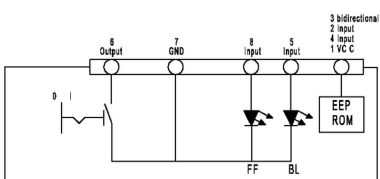
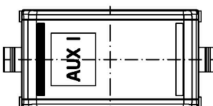
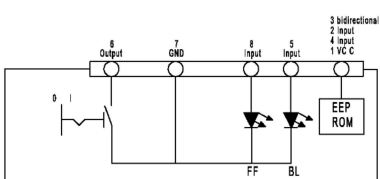
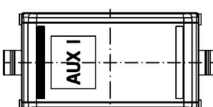
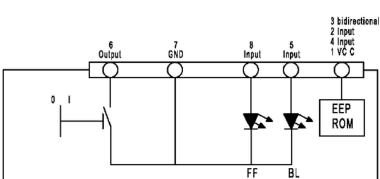
## Switches and Controls

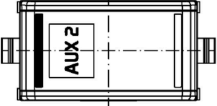
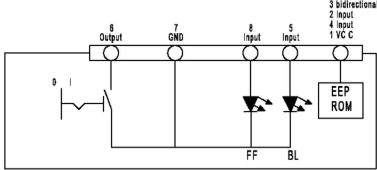
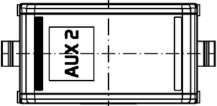
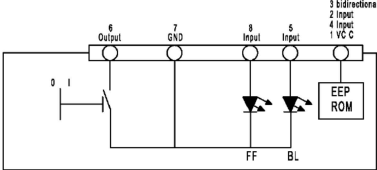
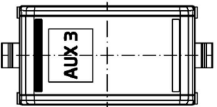
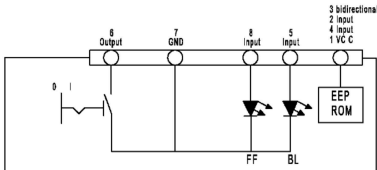
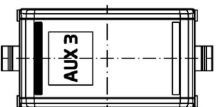
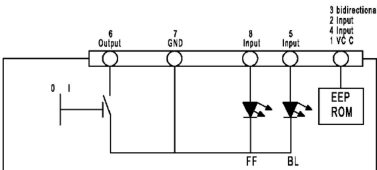
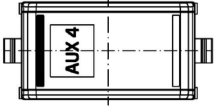
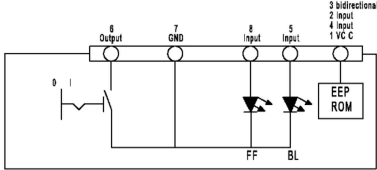
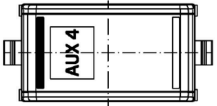
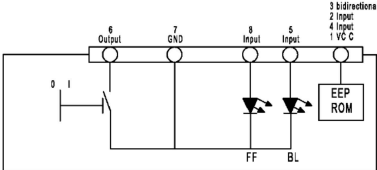
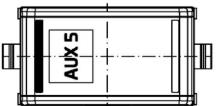
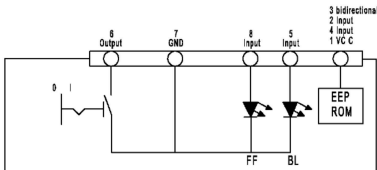
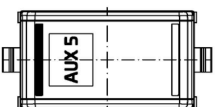
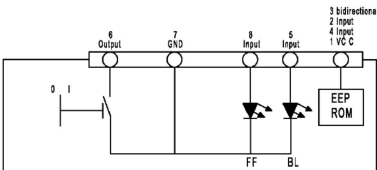
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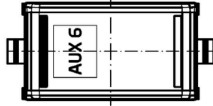
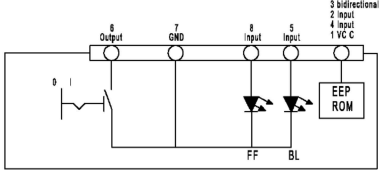
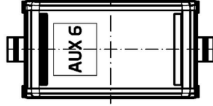
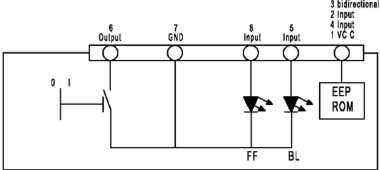
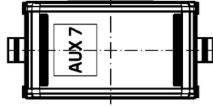
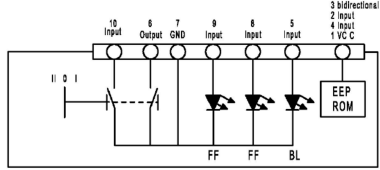
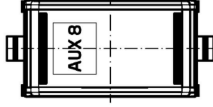
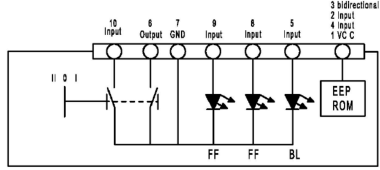
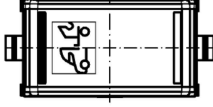
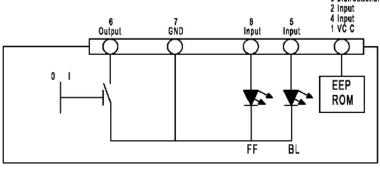
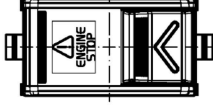
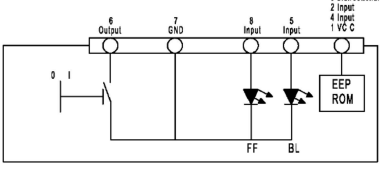
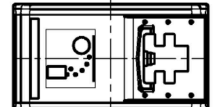
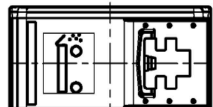
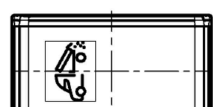
Description	Part number	Symbol	Circuit diagram	Comment
Forward Lift Axle Function ID 41	23702095			I: NO - Momentary II: NO - Latching 2x 1-pole
Rear Lift Axle Function ID 42	23702096			I: NO - Momentary II: NO - Latching 2x 1-pole
Tridem Pusher Axle Lift Function ID 44	23702099			I: NO - Momentary II: NO - Latching 2x 1-pole
Tridem Tag Axle Lift Function ID 45	23702100			I: NO - Momentary II: NO - Latching 2x 1-pole
Lift Axle and Maximum Tridem Push Function ID 40	23702102			I: NO - Momentary II: NO - Latching 2x 1-pole
PTO1 Function ID 50	23702104			NO - Latching 1-pole
PTO2 Function ID 51	23702106			NO - Latching 1-pole

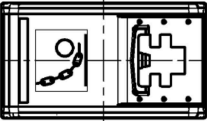
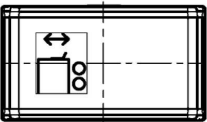
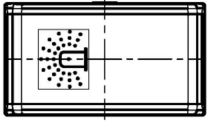

Description	Part number	Symbol	Circuit diagram	Comment
Fifth Wheel Unlock Function ID 100	23702112			NO - Momentary 1-pole
Fifth Wheel Slide Function ID 09	23702113			NO - Latching 1-pole
Remote Start Enable Function ID 101`	23702114			NO - Latching 1-pole
Temporary RSL Function ID 28	23702115			NO - Momentary 1-pole
Gearbox PTO1 Function ID 50	23702116			NO - Latching 1-pole
Inside/Outside Engine Air Intake Function ID 103	23702118			NO - Latching 1-pole
Cross Country Cruise Control Function ID 37	23702119			NO - Momentary 1-pole
PTO1 Function ID 50	23702121			NO - Momentary 1-pole

Description	Part number	Symbol	Circuit diagram	Comment
PTO2 Function ID 51	23702122			NO - Momentary 1-pole
PTO3 Function ID 52	23702123			NO - Momentary 1-pole
PTO4 Function ID 53	23702124			NO - Momentary 1-pole
Gearbox PTO1 Function ID 50	23702125			NO - Momentary 1-pole
Gearbox PTO2 Function ID 51	23702126			NO - Momentary 1-pole
Gearbox PTO2 Function ID 51	23702129			NO - Latching 1-pole
DRL Override Function ID 108	23702132			NO - Momentary 1-pole
Plow Lamps Function ID 20	23702134			NO - Latching 1-pole

Description	Part number	Symbol	Circuit diagram	Comment
Beacon Light Function ID 16	23702135			NO - Momentary 1-pole
Spot Light Front Function ID 18	23702140			NO - Latching 1-pole
Side Working Light/ Auto Function ID 21	23702144			NO - Latching 1-pole
Trailer Body Light Function ID 22	23702145			NO - Momentary 1-pole
ISO Trailer AUX Function ID 114	23702151			NO - Latching 1-pole
Trailer AUX Function ID 115	23702152			NO - Latching 1-pole
AUX1 Function ID 54	23702153			NO - Latching 1-pole
AUX1-Momentary Function ID 54	23702154			NO - Momentary 1-pole

Description	Part number	Symbol	Circuit diagram	Comment
AUX2 Function ID 55	23702155			NO - Latching 1-pole
AUX2-Momentary Function ID 55	23702156			NO - Momentary 1-pole
AUX3 Function ID 56	23702157			NO - Latching 1-pole
AUX3-Momentary Function ID 56	23702158			NO - Momentary 1-pole
AUX4 Function ID 57	23702159			NO - Latching 1-pole
AUX4-Momentary Function ID 57	23702160			NO - Momentary 1-pole
AUX5 Function ID 58	23702161			NO - Latching 1-pole
AUX5-Momentary Function ID 58	23702162			NO - Momentary 1-pole

Description	Part number	Symbol	Circuit diagram	Comment
AUX6 Function ID 59	23702163			NO - Latching 1-pole
AUX6-Momentary Function ID 59	23702164			NO - Momentary 1-pole
AUX7-Momentary Function ID 116	23702165			NO - Momentary 1-pole
AUX8-Momentary Function ID 117	23702324			NO - Momentary 1-pole
Crane Function ID 27	23702816			NO - Momentary 1-pole
Engine Runaway Protection Function ID 119	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

*Notes*

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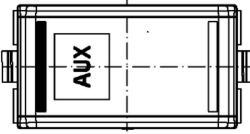
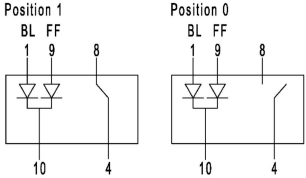
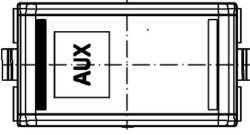
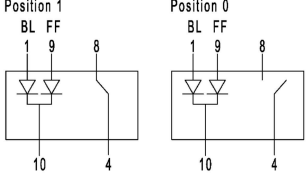
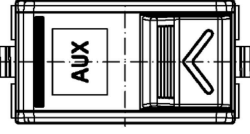
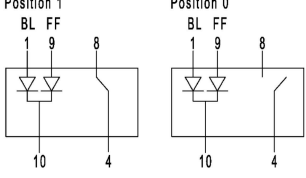
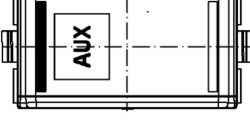
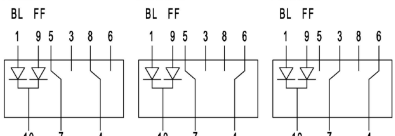
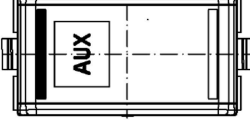
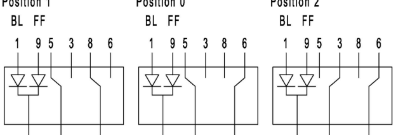
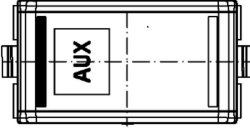
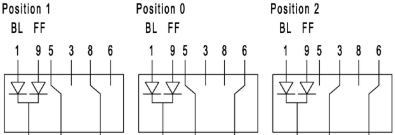
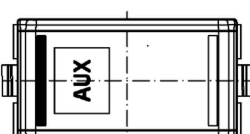
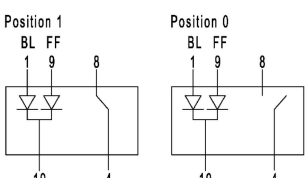
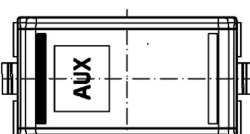
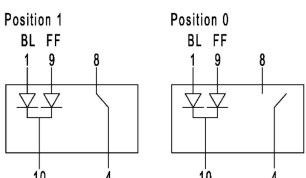


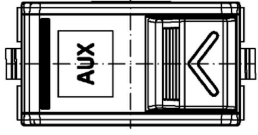
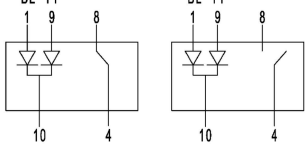
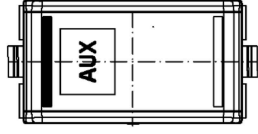
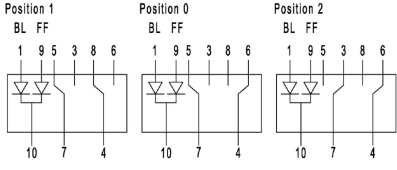
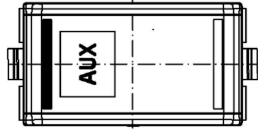
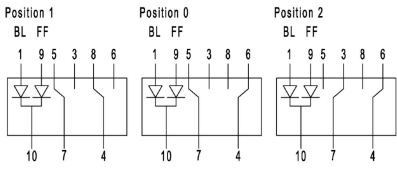
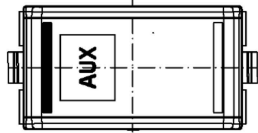
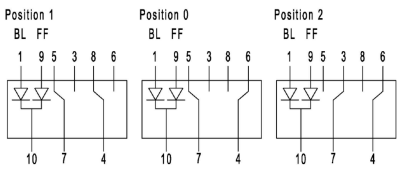

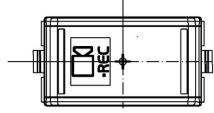
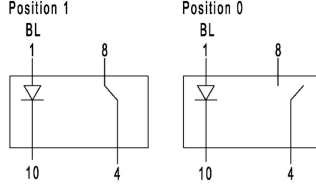
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





# 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		<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	24085756		<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-12V	24085761		<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-12V	24085763		<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
Blinder Cover (HW Switch Dummy)	24575772			Dummy
Bendix / LYTX Camera	24571871		<p>Position 1 BL 1 8 10 4</p> <p>Position 0 BL 1 8 10 4</p> 	NO - Momentary 1-pole

# Switch Functionality Legend

Refer the following table to identify switch functionality.

 <p>W3007476</p>	<p>On/Off Maintained</p>
 <p>W3007477</p>	<p>On/Off (Momentary On)</p>
 <p>W3007704</p>	<p>On/Off (Momentary Off)</p>
 <p>W3007479</p>	<p>On/Off Locking</p>
 <p>W3007480</p>	<p>On/Off Locking (Momentary On)</p>
 <p>W3007478</p>	<p>On/Off/On (Momentary, With Center Off Position)</p>



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