

**ROI Cabmate®**  
Cab Suspension

**LINK®**

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# INSTALLATION INSTRUCTIONS

## ROI Integration Kits

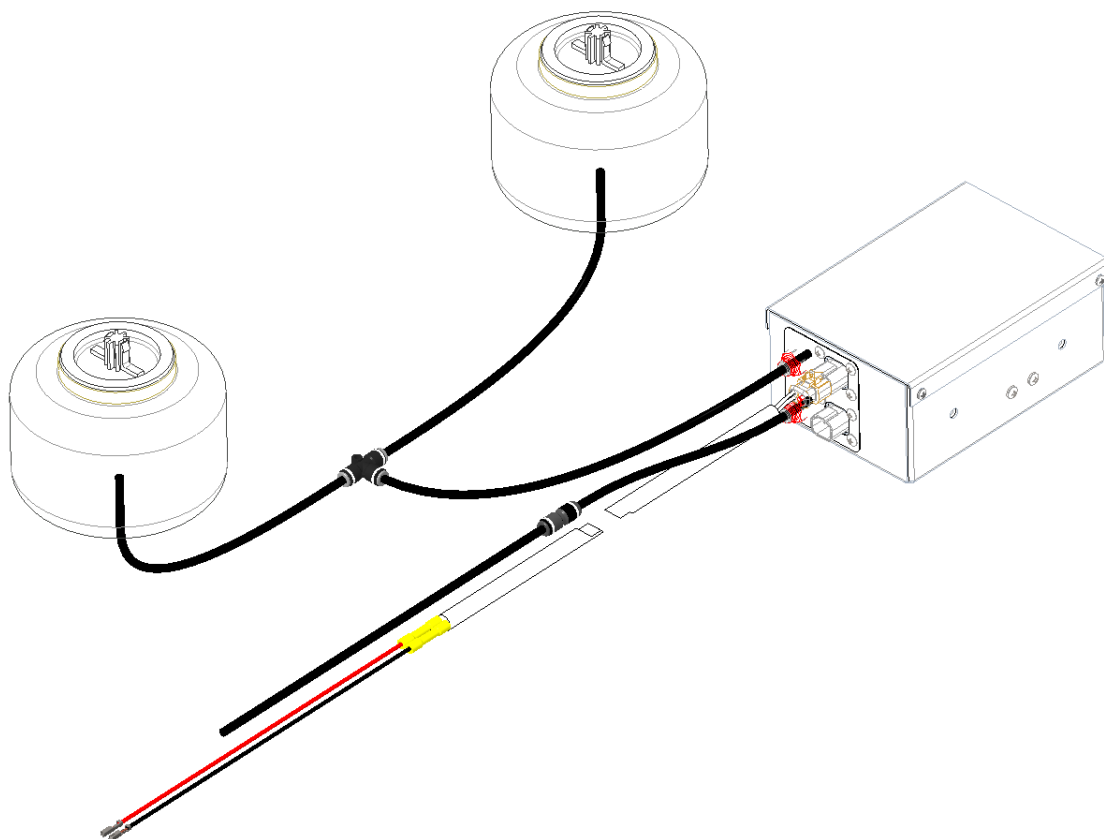
**LINK PART NO:**

Freightliner Cascadia **26303001**

International LT Series **26303002**

Peterbilt 579/Kenworth T680 **26303003**

Volvo VNL & VNR Series **26303004**



## PLUMBING AND WIRING IINSTRUCTIONS

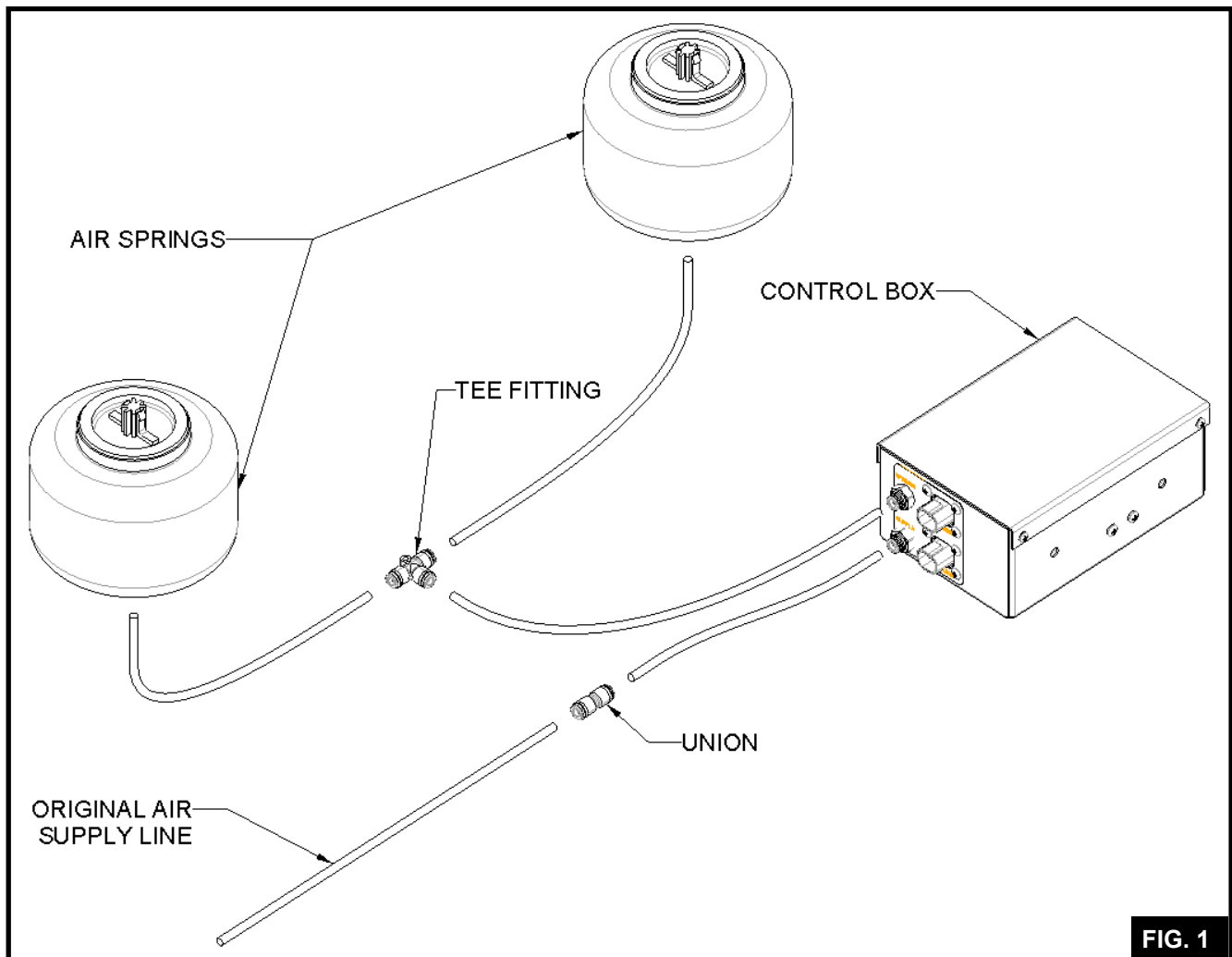
**⚠WARNING** FOR SAFETY PURPOSES THE ROI CABMATE MUST BE SUPPLIED FROM A PRESSURE PROTECTED CIRCUIT. IN THE EVENT OF AN AIR LEAK IN THE CAB SUSPENSION, FAILURE TO PROVIDE A PRESSURE PROTECTED CIRCUIT MAY CAUSE LOSS OF AIR PRESSURE TO VITAL SYSTEMS ON THE VEHICLE.

**⚠WARNING** LOSS OF AIR PRESSURE TO THE ROI CABMATE WILL CAUSE SUDDEN MOVEMENT OF THE CAB. PRIOR TO INSTALLING OR PERFORMING MAINTENANCE, BLOCK UP THE CABMATE TO PREVENT THE POSSIBILITY OF INJURY.

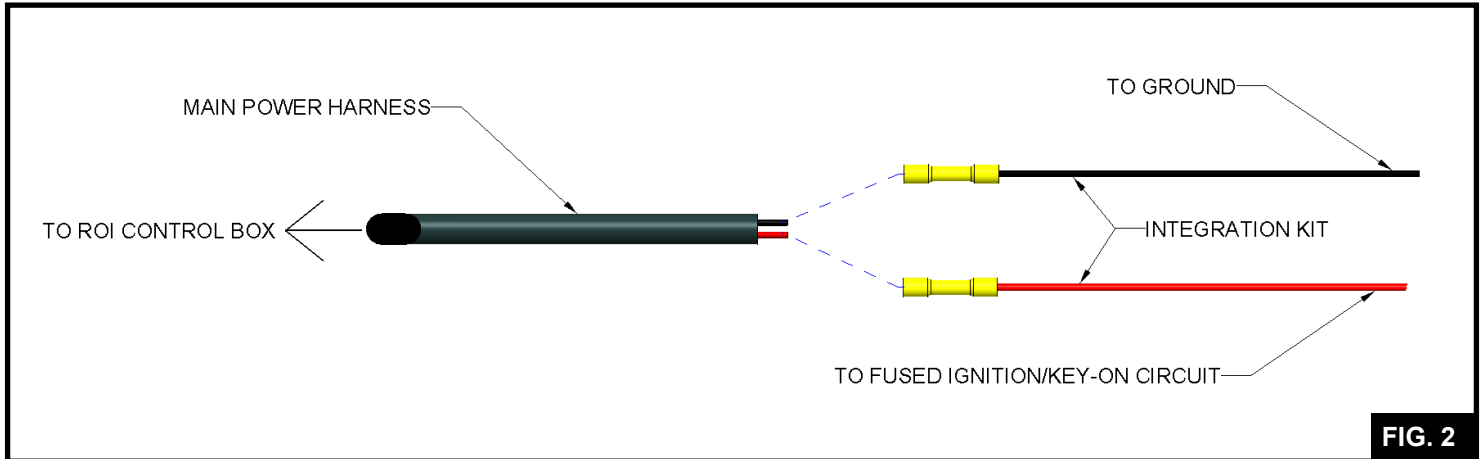
Your Link ROI CabMate Integration kit contains the commodity components necessary to complete a typical installation. Refer to your ROI CabMate Installation Instructions for further information on appropriate installation procedures . The following instructions are intended to support section 8 of your ROI CabMate Installation instructions.

**Step 1:** Make sure all safety precautions have been taken per the ROI CabMate installation instructions.

**Step 2:** Use the provided airline and airline fittings to connect the vehicle air supply to the control box and air springs as shown in Figure 1.



**Step 3:** After running the main power harness into the cab, route the harness through the dash and to the tie-in location. Loop and strap any excess harness. Strip the wires at the ends of the extension harness. Crimp to the mating color wire in the Integration kit as shown in Figure 2.



**FIG. 2**

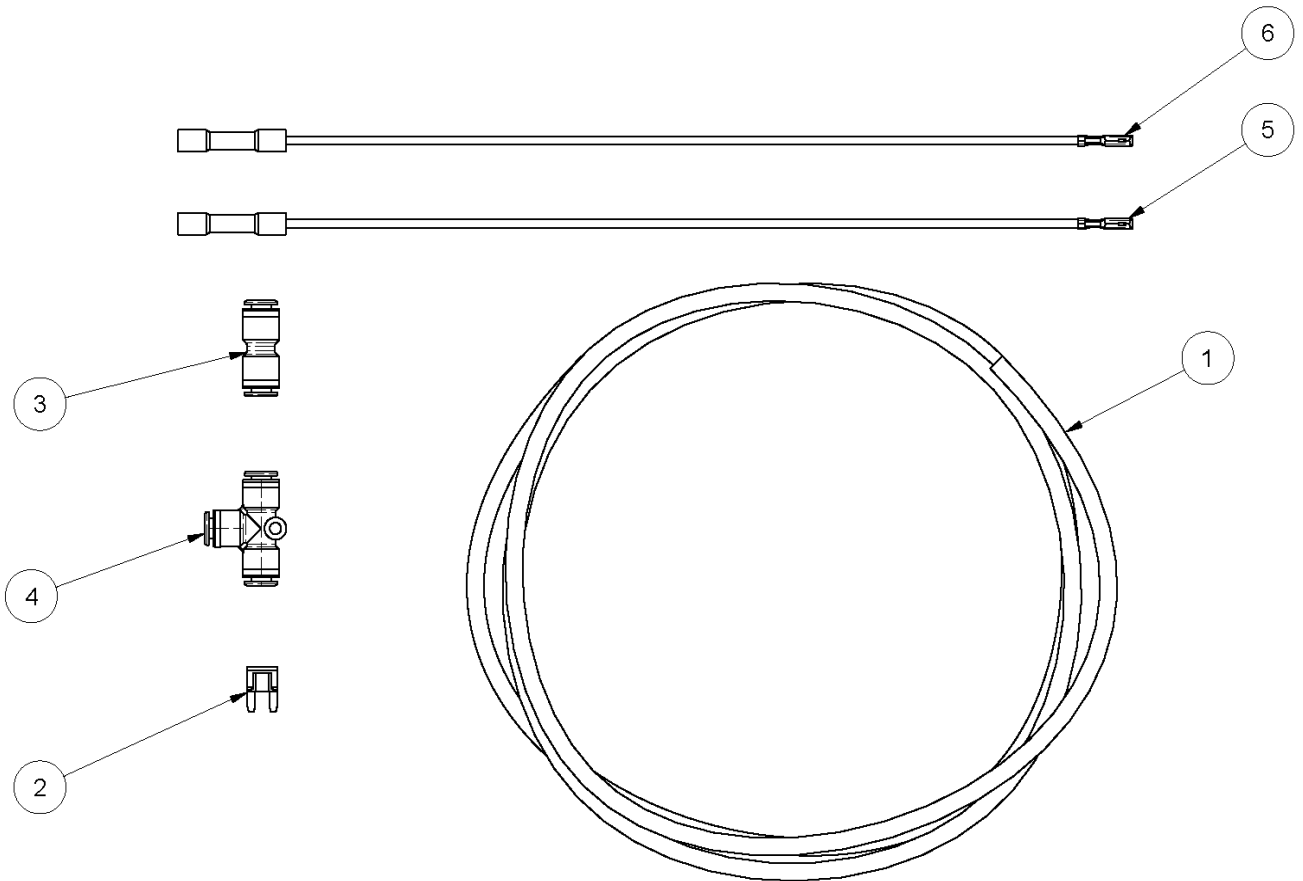
**Step 4:** Insert the red wire into the tie-in location in an available ignition/key-on circuit and fuse at 10 amps using the fuse provided. If there are no open circuits, an existing circuit may need to be spliced. Be sure the overall circuit rating is appropriate and fused to handle both loads. Fuse each branch independently, using the 10 amp fuse provided and an inline fuse holder (not provided) for the ROI CabMate branch. Fuse the other branch per the equipment manufacturer's instructions. See Table 1 for possible tie-in locations.

**Step 5:** Insert the black wire into the tie-in location in an available ground location. See Table 1 for possible tie-in locations

<b>TABLE 1: Possible Vehicle Connection locations</b>		
The information below is provided as reference and was populated based on successful installations of the ROI CabMate. An appropriate tie-in location on your vehicle will need to be determined, which may be different than what is provided below. Link Manufacturing does not accept responsibility for failures caused due to inappropriate connection to vehicle electrical circuits.		
<b>Model</b>	<b>Description of Ignition Tie-in</b>	<b>Description of Ground Tie-in</b>
Freightliner New Cascadia	Back of fuse panel, connector J6, Pin F3. Fused at F74.	Back of Fuse panel, connector J6, pin A11
International LT	Underneath fuse panel, B9-R location.	Steel tube near fuse panel.
Peterbilt 579	Body builder connector P096 behind driver's side kick panel. Wire labeled Ignition Fuse 1. Fuse K13.	Ground splice pack behind driver side kick panel (near grounding stud)
Kenworth T680	Body builder connector P096 behind driver's side kick panel. Wire labeled Ignition Fuse 1. Fuse K13.	Ground splice pack behind driver side kick panel (near grounding stud)
Volvo VN Series	F32-D Connector Beneath fuse panel	F32-D Connector Beneath fuse panel

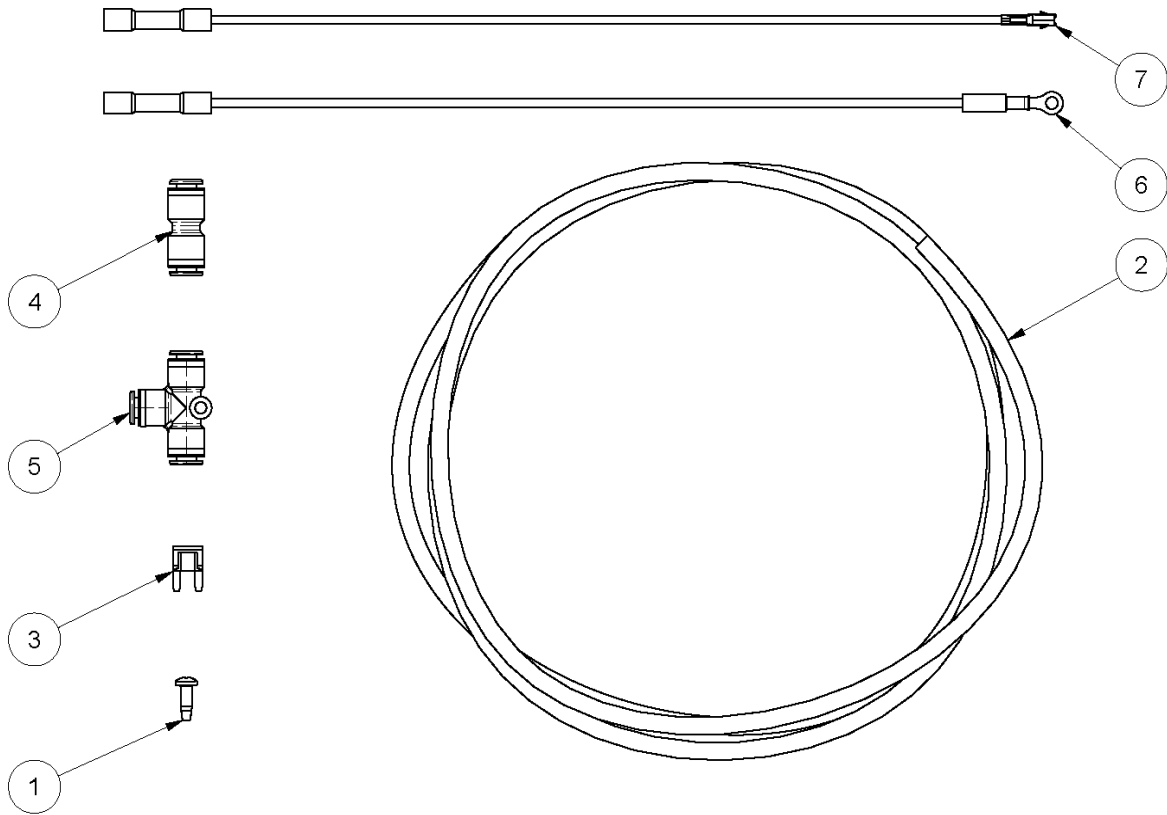
**Step 6:** Verify the installation per your ROI CabMate kit instructions.

# 26303001 Freightliner Cascadia Integration Kit



26303001 - ROI INSTALLATION ACCESSORIES, FREIGHTLINER		
ITEM	DESCRIPTION	QTY
1	AIRLINE-NYLON, .250 O.D., BULK (FEET)	10
2	FUSE-MINI AUTOMOTIVE, 10 AMP	1
3	UNION H, 1/4 TB	1
4	UNION TEE, 1/4 TB	1
5	WIRE-NEGATIVE, FL NC/ PACCAR	1
6	WIRE-POSITIVE, FL NC	1

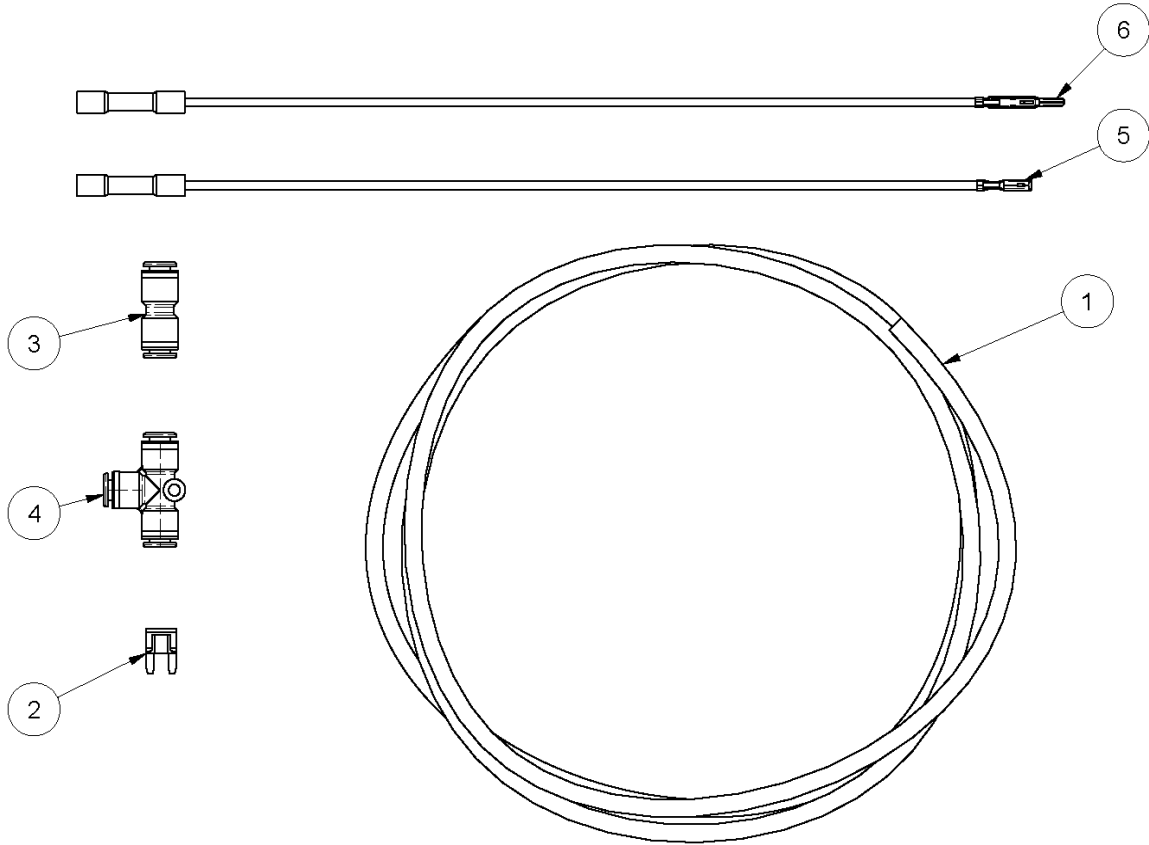
## 26303002 International LT Series Integration Kit



26303002 - ROI INSTALLATION ACCESSORIES, NAVISTAR		
ITEM	DESCRIPTION	QTY
1	#8-18 X 1/2 CR PAN HEAD SCREW (SELF DRILL)	1
2	AIRLINE-NYLON, .250 O.D., BULK (FEET)	10
3	FUSE-MINI AUTOMOTIVE, 10 AMP	1
4	UNION H, 1/4 TB	1
5	UNION TEE, 1/4 TB	1
6	WIRE-NEGATIVE, NS LT	1
7	WIRE-POSITIVE, NS LT	1

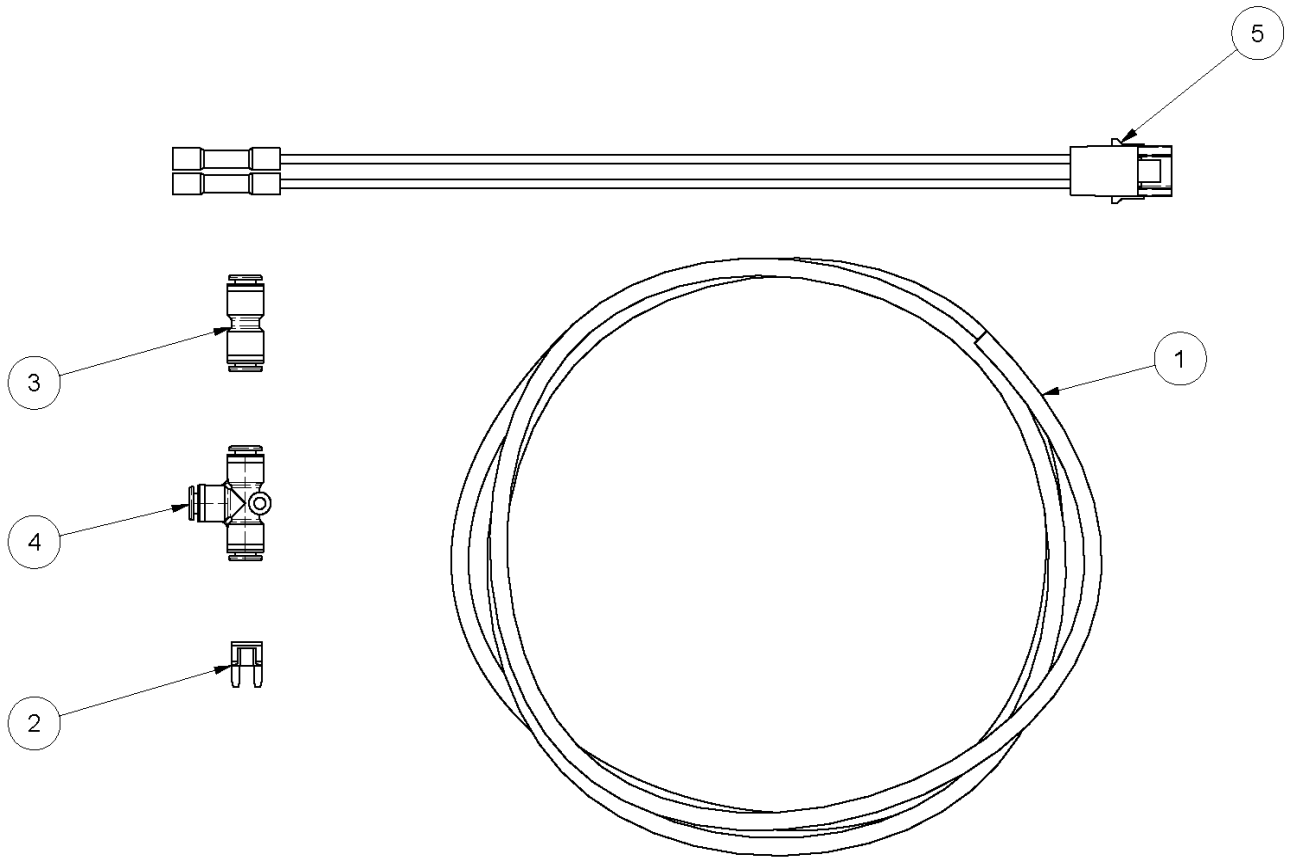
# 26303003 PACCAR Integration Kit

## Peterbilt 579 & Kenworth T680



26303003 - ROI INSTALLATION ACCESSORIES, PACCAR		
ITEM	DESCRIPTION	QTY
1	AIRLINE-NYLON, .250 O.D., BULK (FEET)	10
2	FUSE-MINI AUTOMOTIVE, 10 AMP	1
3	UNION H, 1/4 TB	1
4	UNION TEE, 1/4 TB	1
5	WIRE-NEGATIVE, FL NC/ PACCAR	1
6	WIRE-POSITIVE, PACCAR	1

# 26303004 Volvo VNL & VNR Series Integration Kit



26303004 - ROI INSTALLATION ACCESSORIES, VOLVO		
ITEM	DESCRIPTION	QTY
1	AIRLINE-NYLON, .250 O.D., BULK (FEET)	10
2	FUSE-MINI AUTOMOTIVE, 10 AMP	1
3	UNION H, 1/4 TB	1
4	UNION TEE, 1/4 TB	1
5	WIRE-HARNESS, VOLVO	1



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