



AUSTRALIA, BAHAMAS, BOLIVIA, BRAZIL, BELIZE, CANADA, CHILE, TAIWAN, COLOMBIA, COSTA RICA, DOMINICAN REPUBLIC, ECUADOR, EL SALVADOR, TRINIDAD AND TOBAGO, UNITED STATES, URUGUAY, VENEZUELA, ARUBA, NICARAGUA, PERU, PUERTO RICO, Curaçao, GUAM, GUATEMALA, GUYANA, HAITI, HONDURAS, JAMAICA, KOREA, SOUTH KOREA, PANAMA, SOUTH AFRICA

**Countries:** Document ID: IK0800074

**Availability:** ISIS, FleetISIS, Body Builder, IsSIR **Revision:** 10

**Major System:** ELECTRICAL SYSTEM **Created:** 11/20/2006

**Current Language:** English **Last Modified:** 11/2/2021

**Other Languages:** [Français](#), [Español](#) **Author:** Sean McGannon

**Viewed:** 4786

[Less Info](#)

Hide Details

Coding Information

Copy Link	Copy Relative Link	Bookmark <a href="#">View My Bookmarks</a>	Add to Favorites	Print	Provide Feedback	Helpful 505	Not Helpful 605
-----------	--------------------	---	------------------	-------	------------------	----------------	--------------------

**Title:** Dual Drive Cab Throttle Position Harness for APS/IVS Throttle Pedals

**Applies To:** 2000 4000 4300 4400 7400 with APS/IVS Pedals Only

## CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

06/11/2020 - Added change log. Updated author. Added schematic information for 2506825C91. Added clarification for applies to.

## DESCRIPTION

International has developed a throttle position harness to assist in the conversion of 2000, 4000, 4300 and 4400 Models to both left and right hand drive with APS/IVS (5 - wire) sensors. The new harness eliminates the need to cut and splice into the existing cab harness to connect the electronic throttle position sensor.

For information on dual track (6 - wire) APP sensors, refer to the information found in [IK0800166 - Fontaine Righthand Standup Drive Parts and Service Manual](#).

### NOTE:

Refer to [TSI 10-08-01](#) The NEW STYLE SENSOR will not work in dual pedal applications. The old style part number sensor must be installed in the left and right side position.

## SYMPTOMS

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

- No Crank
- Possible excessive clutch pedal effort to allow engine to crank

## SPECIAL TOOLS / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Not Applicable			

## SERVICE PARTS INFORMATION

Kit Description	Part	Quantity	Notes

	Number	Required	
Harness conv dual pedal- switch vertical	2506825C91	1	For APS/IVS sensors only

## SERVICE PROCEDURE

**WARNING:**

To prevent unexpected movement of the vehicle and possible serious personal injury or death, park the vehicle on a flat, level surface, set the parking brake, turn the engine off and chock the wheels to prevent vehicle from moving in both directions.

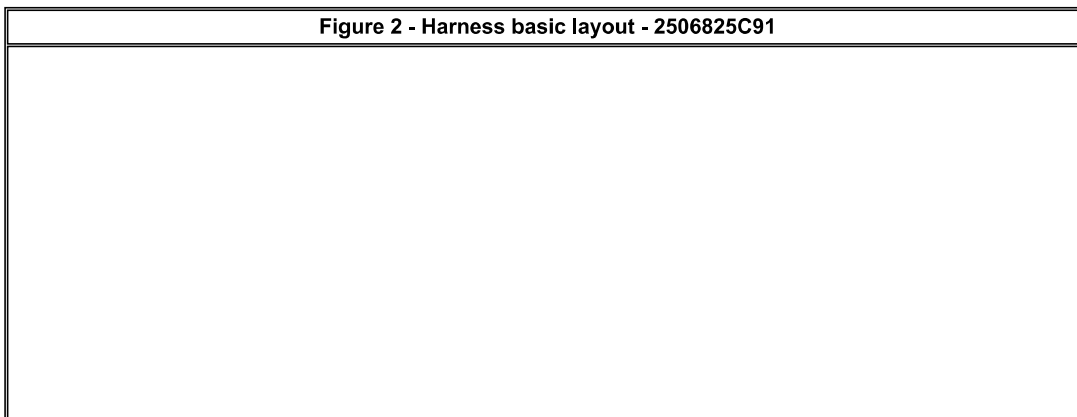
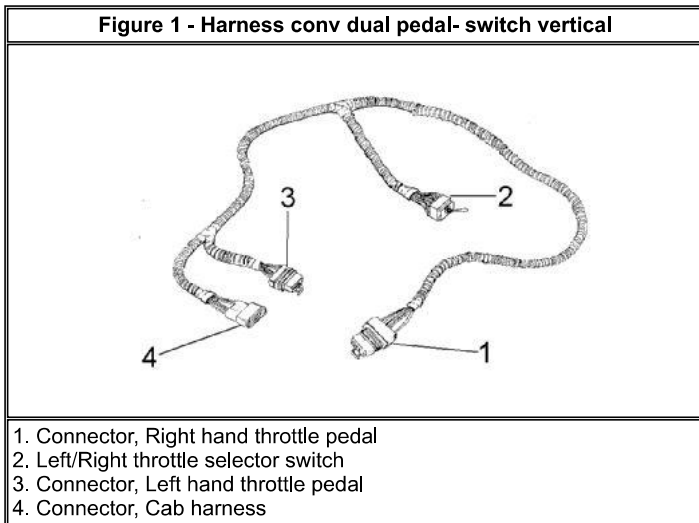
**WARNING:**

Batteries expel explosive gases. Keep spark, flames, burning cigarettes or other ignition sources away at all times. Always wear safety glasses and a face shield when working near batteries to avoid personal injury or death.

**NOTE:**

When converting a vehicle to dual drive, the throttle pedal being added must be model specific (match the existing throttle pedal)

1. Disconnect the negative cable from the battery.
2. Disconnect the cab throttle position harness at the throttle pedal.
3. Connect the new throttle position harness connectors to the cab harness and the left side throttle pedal as shown in Figure 1 and Figure 2.
4. Connect the remaining harness connector to the right side throttle pedal as shown in Figure 1 and Figure 2.
5. Mount the switch in a location convenient for left or right hand driver positions.
6. Secure the new harness with tie straps.



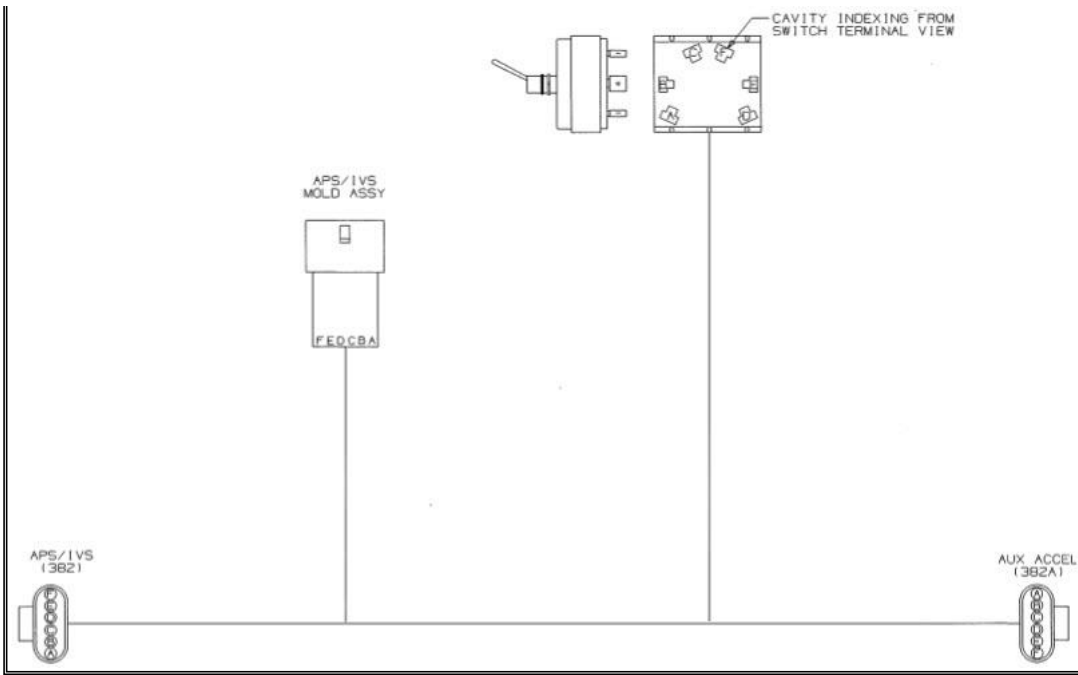
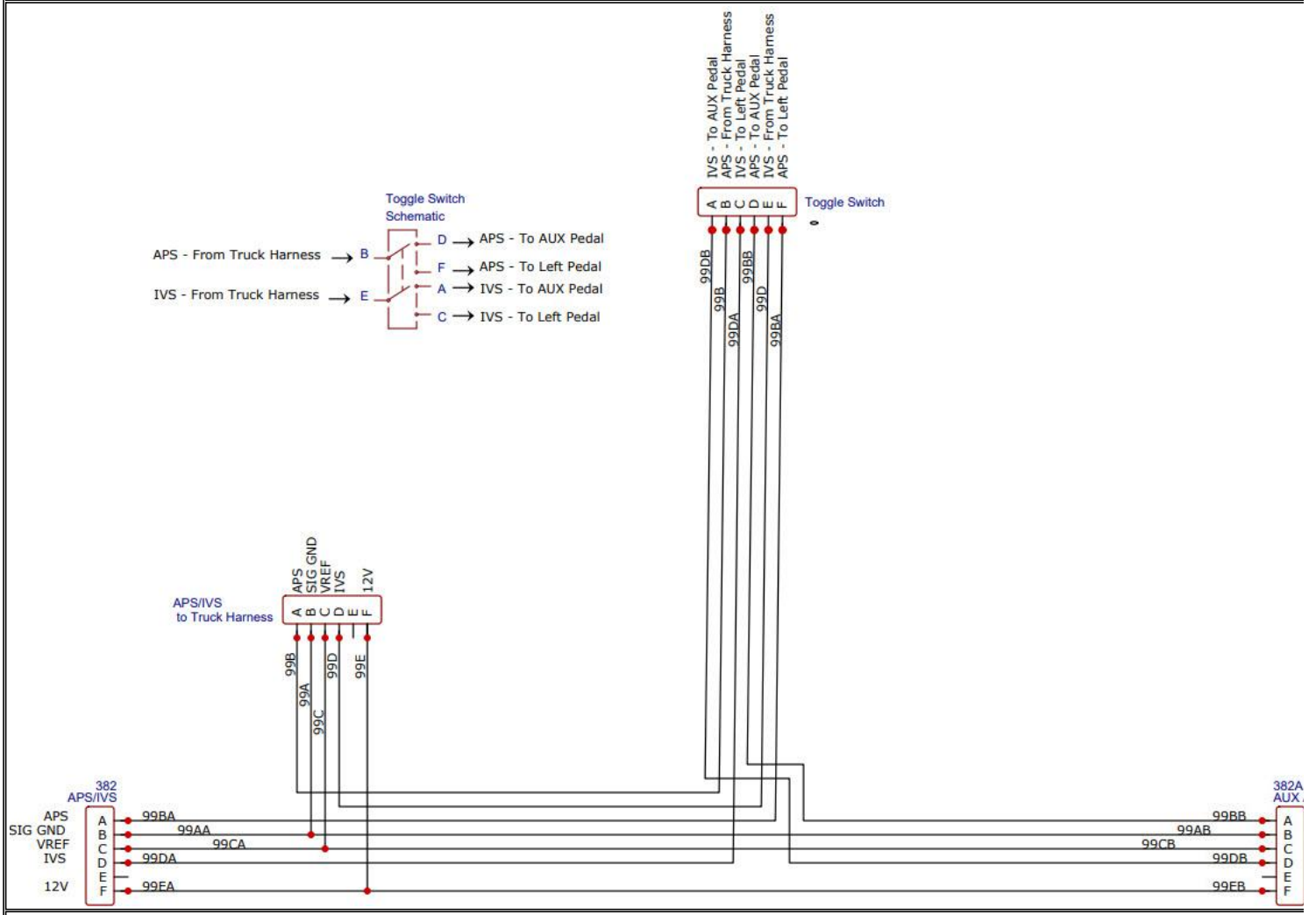


Figure 3 - 2506825C91 Wiring Schematic



[Printable PDF of Wiring Schematic](#)

## WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

**Standard Repair Time(s):**

Refer to the [SRT Manual](#) for Repair Times

---

## **OTHER RESOURCES**

[Master Service Information Site](#)

[IK0800392 - APS Diagnostics by Engine](#)

[IK1200416 - Dual Throttle Pedal Harness Troubleshooting](#)

[IK0800166 - Fontaine Righthand Standup Drive Parts and Service Manual](#)

 Hide Details

Feedback Information

Viewed: 4785  
Helpful: 505  
Not Helpful: 605

No Feedback Found