

FLA COE  
FLB COE  
FLD Conventional  
Business Class  
FLC 112 Conventional  
Century Class Conventional

Argosy COE  
Cargo  
Walk-In Van  
Recreational Vehicle  
Shuttle Bus  
School Bus

Saf-T-Liner C2  
S2  
Columbia  
Coronado  
Business Class M2  
> Cascadia

## Freightliner Parts Technical Bulletin

## General Information

Wiring harnesses on Cascadia vehicles are documented differently than harnesses on other vehicles. When a specification is released for production, all wiring for standard options are bundled into harnesses based on their location in the vehicle. Each bundled harness is known as a Procurement Assembly, and is listed in module 97M as an "M06-#####-#####" number. Listed beneath each Procurement Assembly are the standard harnesses that make up the procurement. For example, since the wiring for the headlamps is a standard option, the harness for the headlamps is bundled into the dash procurement assembly. See [Fig. 1](#).

The screenshot shows the PartsPro software interface. At the top, there is a menu bar with options like File, Product, Edit, View, Selection List, Bookmark, Search, Major Components, and Help. Below the menu is a toolbar with various icons. The main window displays the following information:

- Vehicle: Design Group 54A, Design Subgroup 97M, Bill of Materials: 97M-C06733, BOM Footnote
- Art ID: M000\_000006
- Parts List: 97M-C06733, MAIN WIRING HARNESSSES

Ref	SL	AD	Description	Qty	FN	SN	AN	Part No
			:HARN-HVAC,OL,ENG,CPRSR,P3	1				A06-64547-000
1			P3 DASH VENDOR OVERLAY	1				M06-00000-184
			:HARN-DIM,OL,DASH,ICU	1				A06-65669-000
			:HARN-BK_SRVCE,OL,DASH,PK BK	1				A06-67478-000
			:HARN-HVAC,OL,DASH,CTRL,P3	1				A06-53563-000
2			:HARN-ENG CTRL,OL,DASH,DDEC 6,	1				A06-56819-000
			:HRN-BK_SVCE,OL,DASH,LO AIR,2SW	1				A06-64449-000
			:HARN-STRG,OL,DASH	1				A06-65666-000
			:HARN-AUDIO,OL,DASH,DAYCAB,P3	1				A06-65938-000
			:HARN-ABS,OL,DASH,4S,P3	1				A06-62849-000
			:HARN-BAT,OL,DASH,LOW VOLT DISC	1				A06-64535-000
			:HARN-MIR,OL,DASH,MTR	1				A06-65676-000
3			:HARN-PWR_RCPT,OL,DASH 2 RCPT	1				A06-65769-000
			:HARN-MUX_CTRL,OL,DASH,GATEWAY	1				A06-53020-000
			:HARN-LT_TRN,OL,DASH,ICU,P3	1				A06-53525-000
			:HARN-WDO,OL,DASH	1				A06-65960-000
			<b>:HARN-LT_HDLP,OL,DASH,HDLP,P3</b>	<b>1</b>				<b>A06-54726-000</b>
			:HARN-ENG IND,OL,DASH,POS,LCL	1				A06-57252-000
			:HARN-LT_UTIL,OL,DASH,P3	1				A06-53039-000
			:HARN-MUX_CTRL,OL,DASH,MSTR	1				A06-53147-000
			:HARN-LT_HDLP,OL,DASH,HDLP SW	1				A06-58500-000
			:HARN-LT_BKUP,OL,DASH,XMSN SW	1				A06-62937-000
			:HARN-PWR,OL,DASH,EMERG POWER 1	1				A06-64569-000
			:HARN-DIM,OL,DASH,PANEL LP	1				A06-65941-000
			:KIT-ELEC,MAIN DASH COMMODITY	1				A06-56741-000
			:HARN-DL,OL,DASH,POS,DYCB,PREM	1				A06-66012-000

Below the table, there are fields for Part No. (A06-54726-000) and Alt Part No. At the bottom right, there are buttons for 'Add to Sel. List', 'Help', and 'Cancel'.

On the left side of the interface, there is a callout box with the following text:

To view a harness, schematic, or installation diagram using EZ Wiring, select the item in the Parts List, then click the EZ Wiring toolbar button .

NOTE: EZ Wiring access is security controlled.

Para ver diagramas de arnés, esquemáticos o de instalación mediante EZWiring, seleccione el ítem en la Lista de piezas, después haga clic en el botón "EZWiring" en la barra de herramientas .

NOTA: el acceso a EZWiring está protegido.

At the bottom of the screenshot, there are three numbered items:

1. Dash Harness Procurement Assembly
2. Harnesses for Standard Options
3. Headlamp Harness

**Fig. 1, PartsPro Start Page**

The 97M module includes the following harness procurement assemblies:

- Dash Harness

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- Frontwall Harness
- Forward Chassis Harness
- Aft Chassis Harness
- Engine Harness
- Overhead Harness
- Sleeper Harness

All individual harnesses for standard and optional options are specified by an "A06-#####-###" number and can be found in the corresponding module. Harnesses for standard options that are included in a Procurement Assembly also appear in module 97M.

All module bills of material that contain a wiring harness can be found in PartsPro by using the search feature. To locate module bills that contain a part with a wiring harness, enter "A06-\*" in the part number search field. Select each module bill to see the wiring harnesses contained in that module bill. See [Fig. 2](#).

NOTE: Some service parts have an "A06-#####-###" part number and will appear in the search results along with the harnesses.

A resource guide is available on AccessFreightliner to help identify module bills containing harnesses. To use the resource guide, log in to AccessFreightliner. On the "Applications" page, select "Tips and Tricks" under EZwiring, then select the "Subsystems Guide".

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File Product Edit View Selection List Bookmark Search Major Components Help -Report problems

Vehicle Design Group 54A Search

Search Criteria  
Tip: If you cannot find something, put an asterisk (\*) in front of it.

Part Description:

OR Part Description:

OR Part Description:

AND

Part Number:

OR Part Number:

OR Part Number:

Search Limits

Make:

Serial Number:

Module:

Search Results

DG	DSG	BOM	BOM Description
15	125	125-C07708	WIRING-ALTERNATOR/CHARGING
54C	127	127-C01830	WIRING-FUEL WATER SEPERATOR
54C	129	129-C03602	WIRING-RETARDER CONTROLS
01	149	149-C02400	CRUISE CONTROL-VEHICLE SPEED
54C	152	152-C05114	ENGINE PROT/ALARM/SHDN, WIRING, IND
15	156	156-C07127	STARTER CONTROL-MANUAL,DRIVER
54A	160	160-C02860	DIAGNOSTICS
54B	264	264-C02003	SWITCH-EMERGENCY DEVICE
20	276	276-C06607	WIRING-FAN CTRLS,ENG/RADIATOR
20	27F	27F-C01601	FAN CONTROLS-PNEUMATIC
54B	280	280-C01801	ELEC SYSTEM VOLTAGE/SCHEMATIC
54A	281	281-C06414	CABLE-BATTERY, IN BOX
01	283	283-C04626	WIRING-ENG CONTROLS/INDIC
54B	284	284-C01637	PWR OUTLET/WIRING,SLPR/CAB,INT
54A	285	285-C03507	CIRCUIT PROTECTION
54A	286	286-C11707	WIRING-ENGINE
54B	287	287-C02505	WIRING-CAB,OVERHEAD&REAR/SLPR
54A	288	288-C10743	WIRING-CHASSIS
54A	289	289-C02803	BATTERY BOX COVER
54A	28A	28A-C01622	WIRING-CHASSIS REAR
54A	28B	28B-C00300	BATTERY GROUND-RAIL TO RAIL
54A	28F	28F-C01218	WIRING-AFTER TREATMENT
54A	290	290-C05806	BATTERY BOX
54A	291	291-C47703	CABLE-BATTERY,POWER GROUND
54A	292	292-C03201	BATTERY
54A	293	293-C06400	BATTERY SHUTOFF SWITCH
54A	295	295-C02801	JUMPSTART PROVISION
54A	296	296-C02356	WIRING-PRIMARY RECEPTACLE
54A	297	297-C09416	PRIMARY RECEPTACLE

Search Retrieve Parts List Help Cancel

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1. Search Field 2. Module

**Fig. 2, Main Wiring Harnesses**

Harnesses can be ordered individually or by procurement assembly.

When ordering a procurement assembly, all harnesses listed under the procurement assembly in module 97M are included in a single harness. Depending on the options on the vehicle, there may be harnesses for non-standard options that also need to be ordered in addition to the procurement assembly harness. Harnesses for non-standard options will not be installed on the procurement assembly.

