



Brigade Electronics

Truck and Trailer Cable Guide

Issue 1.9

January 2024

Revision No.	Issue Date	Change Section(s)	Detail of Change(s)
1.9	January 2024	Added new table at the end	Showing alternative part numbers for SP-7A, SP-7B, SP-07C & SP-07T
1.8	September 2022	VSK-31E-T & VSK-50E	Part number corrected & 5M cable moved to the Truck side
1.7	July 2021	15 pin Truck & Trailer Kits Only	Added non compatibility text with Elite shutter camera for SK-15-01 & SK-15-04
1.6	July 2020	All	Revised format and updated table of contents
1.5	November 2019	7 Pin Truck & Trailer Kits Only	Added missing wires
1.4	July 2019	All	Revised format
1.3	May 2019	Trailer Only Kits	Model Code and part number corrections
1.2	January 2017	Truck & Trailer Connections	VSP-57ABS-C & VSP-57ABS-T added
1.1	November 2016	Truck & Trailer Connections	SK-UDS-05 part number correction
1.0	October 2016	All	First release of this document

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Disclaimer

The Truck and Trailer Kits shown within this document are for use with Brigade Electronics products only, unless stated clearly in their individual description. **WARNING:** Any truck and Trailer kits used incorrectly may cause severe irreversible damage to the equipment. Brigade Electronics will accept no liability for damage caused when using these Truck and Trailer kits in conjunction with products from another supplier, or for connecting devices that are not designed to be connected. Only Truck and Trailer kits shown in this document are available for purchase, lead time on these Kits may vary.

Specifications of these Truck and Trailer kits are subject to change without prior notice.

Drawings for Truck & Trailer cables are available on the website under

[Product Support Area - Product Data](#) – in the top box enter in the model or part number for the required product.

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REFER TO ELECTRONIC PRODUCT DATABASE FOR THE LATEST REVISION OF THIS DOCUMENT

Using this Document

For further details please refer to the component specifications and drawings.

Example for Demonstration Only













Kit Details		Ancillaries		Trailer Kit Only Details (if available)		Ancillaries	
7-Pin Single Camera Systems							
Kits	Cab Side			Cable	Trailer Side		
				SK-30E-T (1885) Trailer Kit Only			
SK-30E (1144)	BE-L110 (0803)	SP-07C (1140) has Elite Male Connector		SC-07 (1046)	SP-07T (1142) has Elite Female Connector		BE-X020 (1143)
Single Elite/Extreme camera for articulated trucks. Uses 24N Plugs & Sockets	Elite 10m camera cable						Elite 20m camera cable

7-Pin Single Camera Systems

Kits	Cab Side			Cable	Trailer Side				
					VSK-30E-T (2542) Trailer Kit Only				
VSK-30E (2538) Single Select camera kit for articulated trucks. Uses 24S Plugs & Sockets	VBV-L410 (1386)		VSP-47A (1847) has Select 4 Pin Female Connector		SC-07-24S (1227)	VSP-47B (1846) has Select 4 Pin Male Connector		VBV-L410 (1386)	
	Select 10m camera cable							Select 20m camera cable	
VSK-305E (3871) Single Select shutter camera kit. Uses 24S Plugs & Sockets	VBV-L510 (3663)		VSP-57A (3869) has Select 5 Pin Female (Shutter Camera)		SC-07-24S (1227)	VSP-57B (3870) has Select 5 Pin Male (Shutter Camera)		VBV-L520 (3664)	
	Select 10m shutter camera cable							Select 20m shutter camera cable	
					VSK-31E-T (2543) Trailer Kit Only				
VSK-31E (2539) Single Select camera for articulated trucks. Unique pin configuration	VBV-L410 (1386)	AC-014 (2094)	SP-7A (1827)* has Elite Male Connector		SC-7 (1829)	SP-7B (1828)* has Elite Female Connector		AC-006 (1983)	VBV-L420 (1380)
	Select 10m camera cable	Elite camera to Select monitor adapter						Select camera to Elite monitor adapter	Select 20m camera cable

7-Pin Single Camera Systems

Kits	Cab Side			Cable	Trailer Side		
					SK-30E-T (1885) Trailer Kit Only		
SK-30E (1144) Single Elite/Extreme camera for articulated trucks. Uses 24N Plugs & Sockets	BE-L110 (0803)	SP-07C (1140)* has Elite Male Connector		SC-07 (1046)	SP-07T (1142)* has Elite Female Connector		BE-X020 (1143)
	Elite 10m camera cable						Elite 20m camera cable
					SK-31E-T (1886) Trailer Kit Only		
SK-31E (1830) Single Elite/Extreme camera for articulated trucks. Unique pin configuration	BE-L110 (0803)	SP-7A (1827)* has Elite Male Connector		SC-7 (1829)	SP-7B (1828)* has Elite Female Connector		BE-X020 (1143)
	Elite 10m camera cable						Elite 20m camera cable

7-Pin Twin Camera Systems (+Drawbar)

Kits	Cab Side					Cable	Trailer Side			
VSK-50E (2540) Twin Select camera kit for truck & drawbar trailer	VBV-L420 (1380)	VBV-L405 (1499)	VCS-020 (1844)		VSP-47A (1847) has Select 4 Pin Female Connector		SC-07-24S (1227)	VSP-47B (1846) has Select 4 Pin Male Connector		VBV-L420 (1380)
	Select 20m camera cable	Select 5m camera cable	Select camera switcher							Select 20m camera cable
VSK-505E (4005) Twin Select shutter camera for truck & drawbar trailer	VBV-L420 (1380)	VBV-L505 (4001)	VCS-020 (1844)	2x AC-035 (3702)	VSP-57A (3869) has Select 5-Pin Female (Shutter Camera)		SC-07-24S (1227)	VSP-57B (3870) has Select 5-Pin Male (Shutter Camera)		VBV-L520 (3664)
	Select 20m camera cable	Select 5m shutter camera cable	Select camera switcher	Select shutter to Select monitor adapter						Select 20m shutter camera cable
SK-50E (1570) Twin Elite/Extreme camera for truck & drawbar trailer	BE-L115 (0802)	BE-X005 (2099)	CS-020 (1571)		SP-7A (1827)* has Elite Male Connector		SC-7 (1829)	SP-7B (1828)* has Elite Female Connector		BE-X020 (1143)
	Elite 15m camera cable	Elite 5m camera cable	Elite camera switcher							Elite 20m camera cable






15-Pin Systems

Kits	Cab Side		Cable	Trailer Side	
SK-15-01 (3427) 3 Elite/Extreme cameras for articulated trucks <i>Does not support Elite shutter camera</i>	SP-15A-01 (3423) has 3x Elite Male Connectors		SC-15-01 (3268)	SP-15B-01 (3422) has 3x Elite Female Connectors	
					
SK-15-04 (3997) Single Elite/Extreme camera & single Side/Backscan connection for articulated trucks <i>Does not support Elite shutter camera</i>	SP-15A-04 (3955) Elite Male Connector & 3-Pin Male UDS Connector		SC-15-01 (3268)	SP-15B-04 (3956) Elite Female Connector & 3-Pin Female UDS Connector	
					
SK-15-05 (5066) Three 360 cameras	SP-15A-05 (5064) has 3x Select Male 360 Connectors		SC-15-01 (3268)	SP-15B-05 (5065) has 3x Select Female 360 Connectors	
					


7-Pin ABS Single Camera Systems

Kits	Cab Side		Cable	Trailer Side	
No Kit Available Single Elite/Extreme Camera. ABS Style Plugs and Sockets	SP-07ABS-C (4748) has Elite Male Connector		SC-07ABS (4750)	SP-07ABS-T (4749) has Elite Female Connector	
					
No Kit Available Single Select Camera. ABS Style Plugs and Sockets	VSP-47ABC-C (4744) has Select Female Connector		SC-07ABS (4750)	VSP-14ABS-T (4745) has Select Male Connector	
					
No Kit Available Single Select Shutter Camera. ABS Style Plugs and Sockets	VSP-57ABS-C (4746) has Select 5-Pin Female (Shutter Camera)		SC-07ABS (4750)	VSP-57ABS-T (4747) has Select 5-Pin Male (Shutter Camera)	
					

UDS System

Kit	Cab Side		Cable	Trailer Side	
SK-UDS-05 (4219)	SP-UDS-57A (4237) has 3-Pin Male UDS Connector		SC-UDS-05 (4218)	SP-UDS-57B (4238) has 3-Pin Female UDS Connector	
Single Ultrasonic detection system					

Ancillaries

Kits	Cab Side		Cable	Trailer Side	
No Kit Available			SC-07(24N-SP7) (4393)		
Stand-alone cable with 24N and Unique Connection					

***Alternative Part Numbered Products**

Kits	Cab Side	Cable	Trailer Side
Available in the following kits VSK-31E (2539) SK-31E (1830) SK-50E (1570)	SP-7A (7566) has Elite Male Connector  		SP-7B (7567) has Elite Female Connector  
Available in the following kit SK-30E (1144)	SP-07C (7564) has Elite Male Connector  		SP-07T (7565) has Elite Female Connector  