



ESI[truck] Heavy Duty Diagnostics Reference Chart



Part#: The number used to order a Bosch ESI[truck] cable

ESI Ref#: The cable number identified in the ESI[truck] software application

Version 4.0 2/2023

Invented for life

ESI[truck] Cable Cross Reference

Part#: The number used to order a Bosch ESI[truck] cable




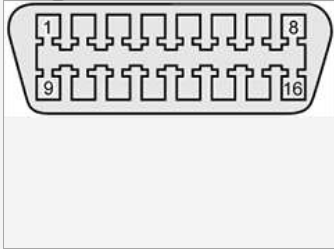
ESI Ref#: The cable number identified in the ESI[truck] software application





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For Technical Support, contact TechSupport.diagnostics@us.bosch.com

Phone: 855-BOSCHTECH (855-267-2483)



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<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 463 944	3824-02	Cable,6-Pin Deutsch	Deutsch 6 pin	Truck: J1587 Applications	Standard J1587 cable. Common in trucks pre-2001. The 6-Pin Deutsch was standard from 1996 to 2001. Connect and Scan may be performed with this cable.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input checked="" type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 611	3824-03	Cable, OBDII	OBD Cable	Truck: J1962 Applications All: Main Adapter	Used on vehicles with a J1962 connector, and is used as the primary adapter cable for all cables other than 6-Pin and 9-Pin Deutsch. Connect and Scan may be performed with this cable.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input checked="" type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	


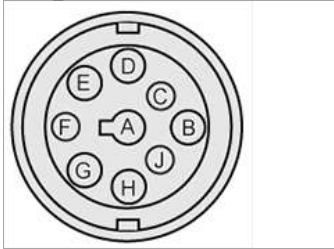

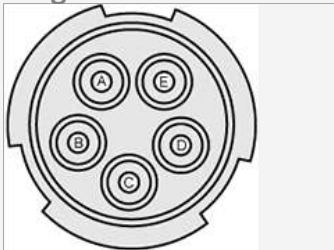
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1 684 463 792 3824-04		Multi-Pin Diagnostic Cable	UniAdapter, universal cable	Multi-Use for all types of Vehicles	<p>Can be used on many types of vehicles by selecting 'UNI adapter' from within the application.</p> <p>The 3824-04A kit can be used with this cable to simplify connecting to diagnostic port on vehicle.</p>
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 687 011 524 3824-04A		Kit,Connection,Uniadapter	NA	All Vehicles when using the UNI Adapter Cable (3824-04)	This kit includes adapters to enable the UNI Adapter Cable "banana plugs" to fit into the diagnostic port on the vehicle.
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	


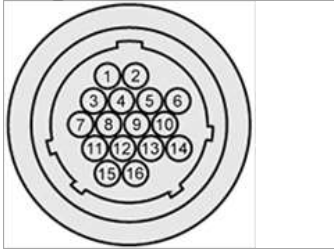

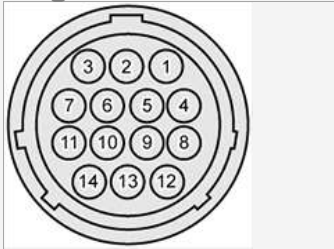
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
Multiples	3824-04B	Kit,Uniadapter	NA	All vehicles where the designed cable/connector is not available.	This kit includes BOTH the 3824-04 AND the 3824-04A. It is available for customers that do not already have the 3824-04 cable, and want both the UNI Adapter cable and the connection kit. No Photo available that shows the whole kit.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 			


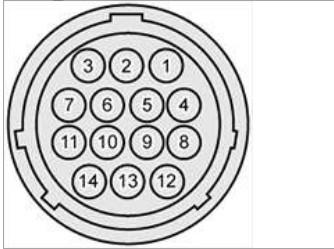

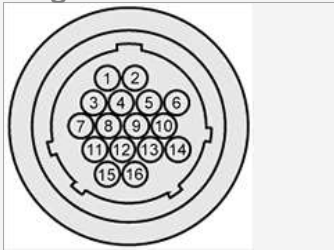

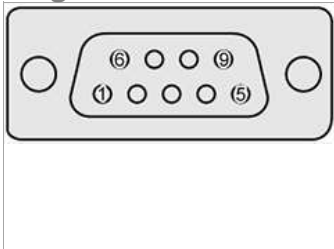
Included in Main Kit Included in OHW Kit (3824CBL-UPG)


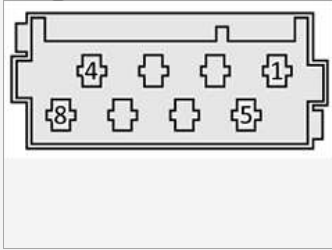

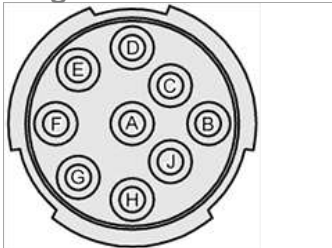

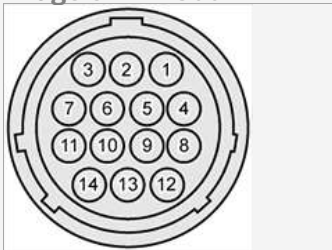
Multiple	3824-06	Trailer (PLC) Adapter	PLC Trailer ABS	Trailers Engines: Meritor Wabco, Bendix, Haldex USA	This is a kit that includes both adapters - 1 684 465 786 1 684 463 947 This kit does NOT include a 12VDC power transformer, which can be purchased separately.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 			


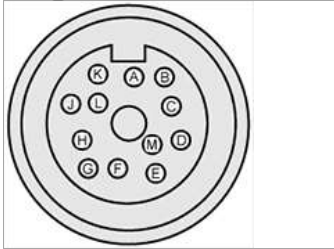

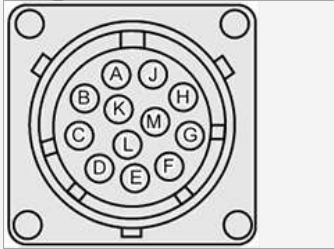
Included in Main Kit Included in OHW Kit (3824CBL-UPG)


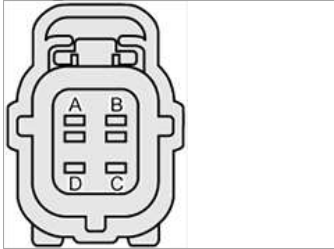

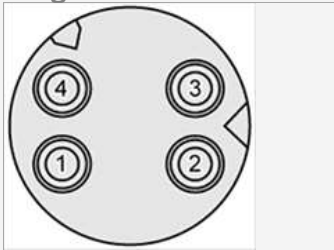
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 814	3824-10	Cable,9-Pin Deutsch (Green)	Deutsch 9 Pin	Multiple	Standard 9-Pin J1939 cable with 'the green' connector. Compatible with all trucks using the J1939 9-Pin connector (black and green). Connect and Scan may be performed with this cable.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 			
<input checked="" type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)					
1 684 465 787	3824-14	Thermo King Cable	Thermo King	Trailer: Thermo King Smart Reefer 2 &3, Thermoguard TG-VI, and Carrier Vector	Cable includes PCBA. UNI Adapter is not available for use on these systems.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 			
<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)					


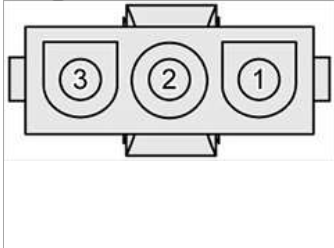
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 463 793	3824-15	Voith Transmission Cable	ISO 9141 Diagnostic Scania and Wabco	Truck: Scania, ERF, FAQ, Ashok Leyland MFG: Wabco, Voith Bus: Isuzu, Van Hool, Solaris, Credo, King Long, Solbus, MAN LCV: Multicar	Used in older models Scania, Wabco, Voith, and Knorr-Bremse systems.
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 463 772	3824-17	Cable,Deutz-Fahr,OHW	Mercedes Benz	Truck: Mercedes-Benz Bus: Mercedes-Benz, Setra, Neoplan, MAZ LCV: Mercedes-Benz, Volkswagen MFG: Mercedes-Benz Ag: Claas, Deutz-Fahr, Same, Lamborghini OHW: Grove, Tadano Faun, Terberg, Liebherr, Demag, Sandvik	Used for the round Mercedes-Benz connector - found on some Deutz- Fahr tractors.
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 821	3824-18	Cable,SDF Group,OHW	SDF Group	Ag: Deutz-Fahr, Same, Lamborghini, Hurlimann	Cable includes PCBA. UNI Adapter is not available for use on these systems.
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 830	3824-19	Cable,Massey Ferguson,OHW	Massey Ferguson	Ag: Massey Ferguson, Challenger	Used on Massey Ferguson and Challenger models
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 831	3824-20	Cable,SISU Engine,OHW	Sisu and John Deere Engines Sub D 9/3 Pin	MFG: Scania Ag: Massey Ferguson, Challenger, Fendt, Laverda, John Deere, Valtra OHW: Kalmar, CVS Ferrari, Randon	This cable requires external power supply connected to the VCI.
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	


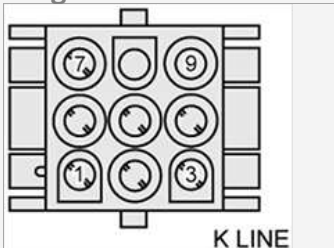
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1 684 463 770	3824-21	Cable,Volvo,OHW	Volvo	Truck: Volvo, Terberg Bus: Volvo, VDL (Volvo chassis) Engines: Volvo, MWM OHW: Volvo CE, Terberg	Cable used for Volvo models before standardization to OBD SAE J1708 Protocol
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 822	3824-22	Cable,CAT,Perkins,John Deere	CAT, Perkins, John Deere Construction	Engines: John Deere, Perkins, Caterpillar Ag: Gregoire, Landini, Merlo, Claas, Caterpillar, Laverda, Massey Ferguson, McCormick OHW: Bobcat, Hyderma, Caterpillar, Bomag	NOTE this cable may sometimes need to be combined with an additional CAN Resistor Adapter (currently not available from Bosch).
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 826	3824-23	Cable,Volvo CE 14 Pin,OHW	Volvo Construction 24 Pin	OHW: Volvo CE	No Additional Information
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>	
1 684 465 829 3824-24	Cable,MTU,OHW	MTU	Engine: MTU		<p>Cable used for ADEC system in MTU engine.</p> <p>This cable requires external power supply connected to the VCI.</p> <p>The diagnostic port may be located directly on the ECU</p>	
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<p><input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)</p>		
1 684 465 820 3824-25	Cable,Deutz Engines,OHW	Deutz Engine	Bus: Otokar, MAZ, Bredamenarinbus Ag: Gregoire, Fendt, Atlat, Ursus, Manitou, Claas, Merlo OHW: Weidemann, Takeuchi, Bomag, Liebherr, Bobcat, Hitachi, Kramer, Terex, Yanmar, Hyundai CE, Volvo CE Engine: Deutz		No additional information.	
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<p><input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)</p>		


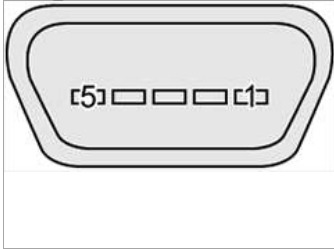

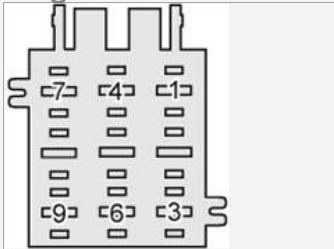


<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 839	3824-26	Cable,Kubota,OHW	Kubota	Sweeper: Mathieu-Yno, Dulevo Ag: Kubota, Manitou, Merlo, Dieci OHW: Kubota, Hidromek, Hyster, Schafer, Genie, Gehl, Kassbohrer Gelandefahrzeug, Hamm, Hitachi, Bobcat	This cable is used for CAN communications on the Kubota engine E-CDIS system
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input checked="" type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 463 781	3824-27	Cable,7 Pin,Haldex EB+	Haldex EB+	Trailers	Used for Haldex EB+ (1st, 2nd, and 3rd generation)
		Image of Cable	Image of Pin-Out		
				<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 463 785 3824-28		Cable,3 and 6 Pin,ZF Ecomat	ZF Ecomat-I 2 Mate N-lock 3 & 6 Pin	Truck: Tata-Daewoo Bus: Mercedes-Benz, MAN, Scania, Solaris, Gillig, New Flyer, VDL, Setra, Neoplan USA, Iveco/Irisbus, Temsa, Van Hool USA, King Long Ag: Ursus OHW: Liebherr, Dermag, Grove, Tadano Faun, JCB, Hyderma, Terex, Hyundai CE, New Holland CE, Astra MFG: ZF	Used on ZF Ecomat I, Ecomat 2, ASTronic, Ergopower transmissions and for ZF EST-32, EST-42, and EST-48 retarders
		<p>Image of Cable</p> 	<p>Image of Pin-Out</p> 		




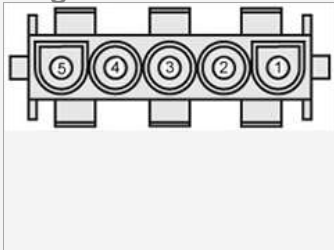

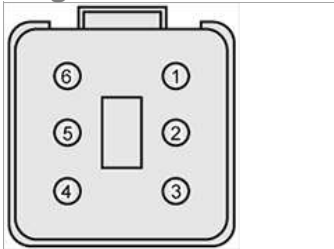
Included in Main Kit Included in OHW Kit (3824CBL-UPG)


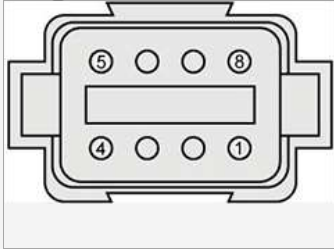

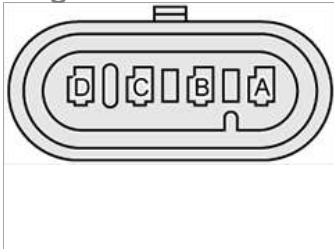
1 684 463 891 3824-29		Cable,9-Pin,Square,ZF Ecomat	ZF Ecomat-4 Mate N-lock 9 pin	Bus: Volvo, Solbus, BMC, Solaris, Van Hool, Iveco / Irisbus, Scania, Setra, VDL, Gillig, New Flyer, Van Hool USA, Yutong, Alexander Dennis MFG: ZF, ZF Meritor	Used for ZF Ecomat 4 transmission systems via K-Line or J1708 protocol.
		<p>Image of Cable</p> 	<p>Image of Pin-Out</p> 		


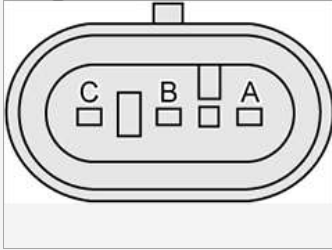

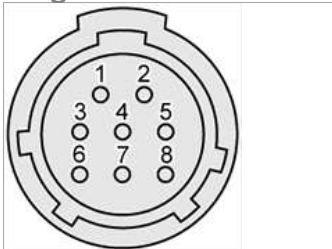

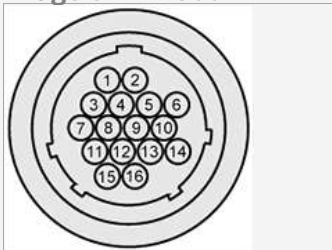
Included in Main Kit Included in OHW Kit (3824CBL-UPG)


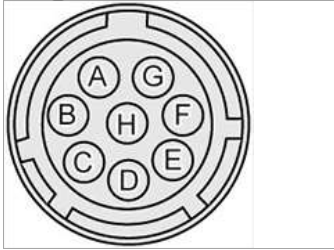



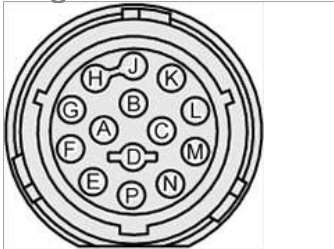
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 463 892	3824-30	Cable,Mini-USB,ZF Ecolife	ZF EcoLife mini USB	Bus: King Long, VDL, New Flyer, Alexander Dennis, Irizar, Solaris, Scania, Temsa, Iveco / Irisbus, Zhongtong, Higer Engine: ZF, ZF Meritor	Used on ZF EcoLife transmission systems
		Image of Cable 	Image of Pin-Out 		
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)			
1 684 463 893	3824-31	Cable,9-Pin,MCP,ZF Ecolife	ZF EcoLife 9 pin MCP	Bus: Van Hool, Iveco / Irisbus, Credo, Irizar, Temsa, King Long, VDL, Mercedes-Benz, Solaris Engine: ZF, ZF Meritor	Used for ZF transmissions (EcoLife, AS Tronic, AS Tronic Lite, TraXon) and ZF retarders (EST-52 and EST-54)
		Image of Cable 	Image of Pin-Out 		
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)			
1 684 465 815	3824-32	Plug,Deutsch 9 Pin,Switch,CNH	Switch CNH Deutsch 9 pin	Ag: Case iH, New Holland, Steyr	Auxiliary switch device used for calibration procedures
		Image of Cable 	Image of Pin-Out 		
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)			


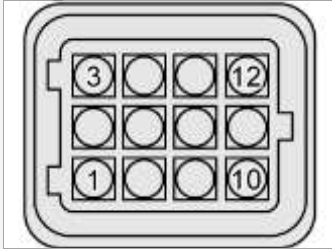


<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 816 3824-33	Cable,Backbone,J1939	SAE J1939 Backbone	Engines: Cummins MFG: Cummins, Twin Disc Bus: Volkswagen OHW: Komatsu, Hyundai CE, Hyster	This cable requires external power supply connected to the VCI. The diagnostic port on the vehicle is typically located near the engine block.	<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)
1 684 465 817 3824-34	Cable,3-Pin,Steyr	Steyr 3 Pin	Engine: Steyr	No Additional information	<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)
1 684 465 818 3824-35	Cable,6-Pin,Steyr	Steyr 6 Pin	Engine: Steyr	No additional information	<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)


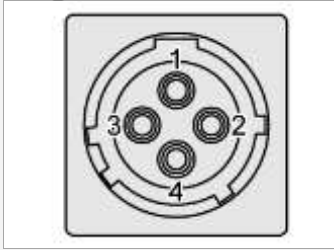

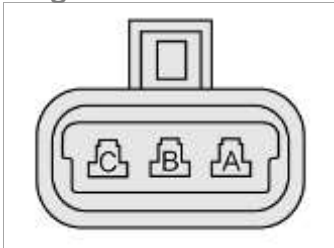

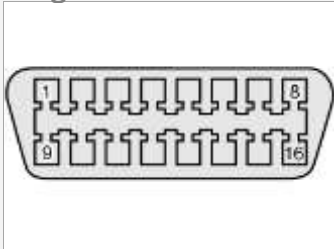
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 824	3824-36	Switch,Calibration,NH	Switch New Holland	Ag: New Holland	Auxiliary switch required for calibration procedures. Required to clear DTCs.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 825	3824-37	Cable,5-Pin,NH TN Series	New Holland TN Series	Ag: New Holland, Case, Steyr	Cable includes PCBA. UNI Adapter is not available for use on these systems.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 827	3824-38	Cable,6-Pin,Volvo Penta	Volvo Penta Diesel 6 Pin	Engine: Volvo Penta Ag: Franz Kleine, MTS-Sandei OHW: Kalmar, Terbert, Sandvik	Used on Volvo Penta engines that are NOT J1939.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	




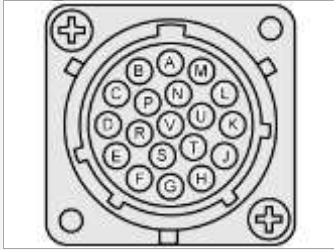

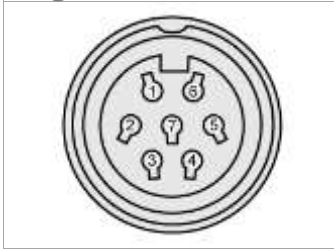
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>	
1 684 465 828	3824-39	Cable,8-Pin,Volvo Penta	Volvo Penta Diesel 8 Pin	Engine: Volvo Penta Ag: MTS-Sandei OHW: Kalmar, Sandik	Used on Volvo Penta engines that ARE J1939.	
		Image of Cable 	Image of Pin-Out 			
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)				
1 684 465 832	3824-40	Cable,Y,4-Pin,Claas	Claas, Renault 4 Pin	Ag: Claas, Renault	Includes 2 possible connectors; circular 4-pin and rectangular 4-pin.	
		Image of Cable 	Image of Pin-Out 			
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)				


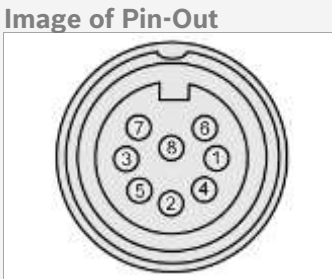
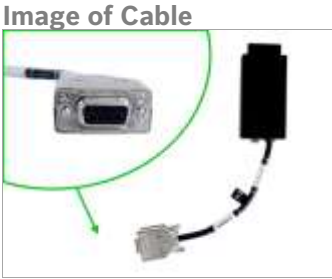
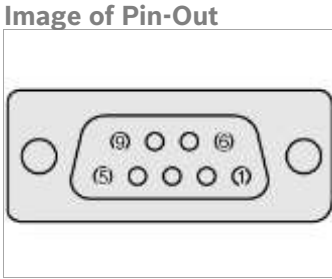

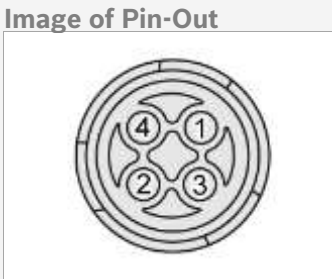
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 834	3824-41	Cable,Y,DB9and3Pin,Carraro	Carraro Sub D 9/3 Pin	Ag: Carraro, Challenger, John Deere, Massey Ferguson, Claas, Renault, Valtra	Cable includes PCBA. UNI Adapter is not available for use on these systems. This cable requires external power supply connected to the VCI.
		Image of Cable	Image of Pin-Out		
					
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)			
1 684 465 836	3824-42	Cable,8-Pin,Valtra	Valtra 8 Pin	Ag: Valtra	This cable requires external power supply connected to the VCI.
		Image of Cable	Image of Pin-Out		
					
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)			
1 684 465 837	3824-43	Cable,16-Pin,Valtra	Valtra 16 Pin	Ag: Valtra	No additional information.
		Image of Cable	Image of Pin-Out		
					
		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)			


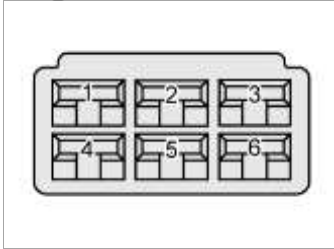
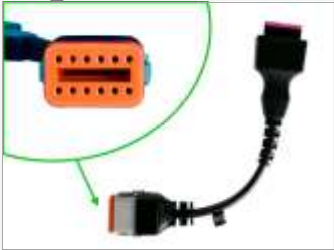
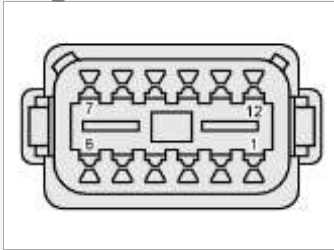
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>	
1 684 465 838	3824-44	Cable,8-Pin,BoschRexroth	Bosch Rexroth	Bus: Solaris, Solbus Ag: Merlo, Manitou OHW: Bosch Rexroth, Terberg Engine: Bosch Rexroth	This cable requires external power supply connected to the VCI. This cable will be replaced in the future by a new cable that includes a PCBA (1 684 465 873). The new cable will support RS232 protocol.	
		Image of Cable 	Image of Pin-Out 			
<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)						
1 684 465 840	3824-45	Cable,PWR Adapter,Jaeger	Power Supply - Agricultural Vehicles	Ag: Many models	Used to convert power from COBO power connector to a typical cigarette (accessory) connector.	
		Image of Cable 	Image of Pin-Out 			
<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)						
1 684 465 859	3824-46	Cable,14-Pin,Caterpillar	Caterpillar	OHW: Caterpillar	Commonly used on the CAN and J1708 Bus.	
		Image of Cable 	Image of Pin-Out 			
<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)						



<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 463 773	3824-47	Cable, Renault	Renault	Truck: Renault, Mack Bus: Renault, Autosan, Iveco / Irisbus	Used for older Renault and first generation of DXI models
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 463 774	3824-48	Cable, 30-Pin, Iveco	Iveco 30 Pin	Truck: Iveco, Astra, Seddon Atkinson, URO Bus: Iveco / Irisbus, Credo, SOR, Autosan MFG: Iveco-FPT Sweeper: Ravo, Bucher LCV: Multicar OHW: Fiat Kobelco	Used for Iveco. This cable can be used in most Iveco models, except in Euro 6 models
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 823	3824-49	Cable,Fendt	Fendt	Ag: Fendt	This cable requires external power supply connected to the VCI.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 851	3824-50	Cable,Carrier	Carrier	Trailer: Carrier Refrigeration Units, e.g. Maxima / Ultra, Vector, ...	Cable includes PCBA. UNI Adapter is not available for use on these systems. This cable requires external power supply connected to the VCI.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 852	3824-51	Cable,CAN,SingleWire,GM	GMC Chevrolet CAN Single Wire	LCV: GMC/Chevrolet	
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	


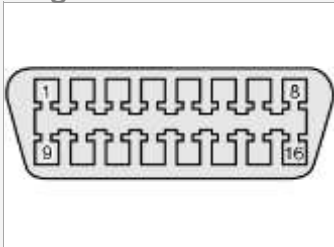
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 853	3824-52	Cable,14-Pin,Claas	Claas, Renault 14 Pin	Ag: Claas / Renault Celtis CT36/A07	May have to be combined with 1 684 465 863
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 854	3824-53	Cable,19-Pin,FPT Deutz	FPT Deutz 19 Pin	Engine: Iveco / FPT Sweeper: Dulevo, Ravo, Eurovoirie, Bucher Ag: Merlo Roto Series OHW: Merlo MM Series	Engine and anti-pollution systems.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 855	3824-54	Cable,7-Pin,Claas	Claas Combine and Xerion Series 7 Pin	Ag: Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series	This cable requires external power supply connected to the VCI.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 856 3824-55	Cable,8-Pin,Claas	Claas Combine and Xerion Series 8 Pin	Ag: Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series	For newer families of these models that employ two CAN Buses. This cable requires external power supply connected to the VCI.	  <p><input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)</p>
1 684 465 857 3824-56	Cable,RS232,Scania	RS232 Scania Engine	Engine: Scania	Cable includes PCBA. UNI Adapter is not available for use on these systems. This cable requires external power supply connected to the VCI.	  <p><input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)</p>
1 684 465 858 3824-57	Cable,4-Pin,CAN,Scania	CAN Scania Engine, 4 Pin	Engine: Scania OHW: Doosan, Hyundai CE, Terex	Engine, Anti-pollution, and central computer.	  <p><input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)</p>


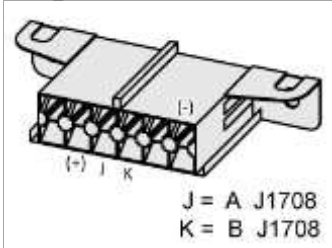
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 860 3824-58	Cable,Hitachi	Hitachi	OHW: Hitachi, John Deere	Cable includes PCBA. UNI Adapter is not available for use on these systems. This cable requires external power supply connected to the VCI.	
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 861 3824-59	Cable,Komatsu, 12-Pin	Komatsu	OHW: Komatsu		
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	


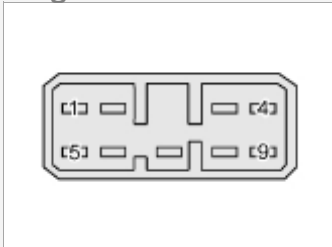
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>	
1 684 465 862	3824-60	Cable,10-Pin,MTU	MTU 10 Pin	Engine: MTU	Cable includes PCBA. UNI Adapter is not available for use on these systems. This cable requires external power supply connected to the VCI. Connector likely located on the ECU.	
		<p>Image of Cable</p> 	<p>Image of Pin-Out</p> 			


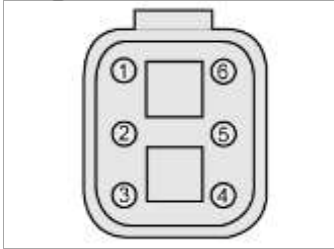

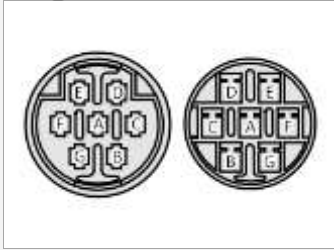
Included in Main Kit Included in OHW Kit (3824CBL-UPG)



1 684 465 863	3824-61	Adapter,Resistor,CAN	CAN Resistor Adapter	Engine: Perkins Ag: Claas, Renault, Massey Ferguson, Kandini, McCormick, Ursus, Challenger, Kamaz, Manitou, Merlo OHW: Hyundai CE, Terex, Bobcat, Terex, Xtreme, Takeuchi, Prinoth, Doosan.	In some models, it is necessary to switch the CAN Bus off using this adapter.
		<p>Image of Cable</p> 	<p>Image of Pin-Out</p> 		

Included in Main Kit Included in OHW Kit (3824CBL-UPG)


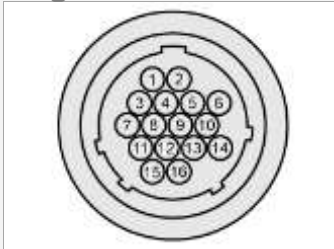
<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 864	3824-62	Adapter,16 to 12 Pin	OBD-II 16 Pin to OBD-I 12 Pin	Bus: Blue Bird, MCI, Setra, Thomas Built, Prevost, New Flyer, Van Hool USA, Neoplan USA, Nabi, Orion, Eldorado, Gillig, IC (International), ... Truck: Iveco, Mercedes-Benz, Scania, Van Hool USA, Peterbilt, Pierce MFG: Allison, Detroit Diesel-MBD LCV: GMC, Chevrolet	Converts OBD-I 12 pin connector to OBD-II 16 Pin. Used in some older GM models.
		Image of Cable 	Image of Pin-Out  J = A J1708 K = B J1708		
<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)					

1 684 465 870	3824-63	Cable,9-Pin,CNH CE	CNH CE 9 Pin, FPT Engine	OHW: New Holland CE, O&K, Fiat Kobelco	K Line communications on EDC 7 C1, EDC 7 UC31, and CNH CE (E Series). The user needs to review the wiring configuration on the connector.
		Image of Cable 	Image of Pin-Out 		
<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)					

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 871	3824-64	Cable,Yanmar	Yanmar	OHW: John Deere, Takeuchi, Liebherr, Hyundai CE, Wacker Neuson, Hitachi, Kramer Sweeper: Hako	CAN communication on the EDC system for Yanmar engine installed on Construction equipment.
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	
1 684 465 872	3824-65	Cable,Bobcat	Bobcat	OHW: Bobcat	Includes additional switch required to clear DTCs
<p>Image of Cable</p> 		<p>Image of Pin-Out</p> 		<input type="checkbox"/> Included in Main Kit <input type="checkbox"/> Included in OHW Kit (3824CBL-UPG)	

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 873	3824-66	Cable,Bosch Rexroth	Bosch Rexroth	Ag: Merlo, Manitou OHW: Bosch Rexroth, Terberg	Important! This cable includes an PCBA that enables RS232 communication. Need more information to understand and explain this. The UNI Adapter is only possible for connecting to ECUs on CAN network.
		Image of Cable	Image of Pin-Out		
					

Included in Main Kit Included in OHW Kit (3824CBL-UPG)

1 684 465 874	3824-67	Cable,Hidromek	Hidromek	OHW: Hidromek	K Line or CAN communications
		Image of Cable	Image of Pin-Out		
					

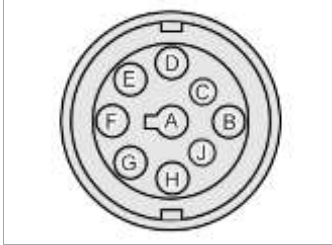
Included in Main Kit Included in OHW Kit (3824CBL-UPG)

<u>ESI Ref #</u>	<u>Part #</u>	<u>Description 1</u>	<u>Description 2</u>	<u>Vehicles and Uses</u>	<u>Notes</u>
1 684 465 875	3824-68	Cable,Liebherr	Liebherr	OHW: Liebherr	<p>Cable includes PCBA.</p> <p>Cable is the Deutsch 9-Pin standard, but for Liebherr machines communicating RS232.</p> <p>UNI Adapter is not available for use on these systems.</p>

Image of Cable



Image of Pin-Out



Included in Main Kit Included in OHW Kit (3824CBL-UPG)

1 684 465 879	3824-69	Cable,Doosan	DOOSAN		<p>The use of this cable is on CAN communication of engine systems ... in OHW Machines of DOOSAN as e.g. DA Series, DX Series, etc. This is on K line communication (pin 11) in other models e.g. DX400 Series for connecting on the EDC DV11. Finally, this cable has a PCB because of the communication in other system under RS232 protocol (e.g. the main computer E-EPOS). This is used in STATIONARY ENGINES too so it is an important connector on this brand.</p>
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Image of Cable



Image of Pin-Out



Included in Main Kit Included in OHW Kit (3824CBL-UPG)