

# COMMERCIAL VEHICLE DIAGNOSTICS ADAPTER CABLE TRUCK / OHW



ESI[tronic] 2.0



Version 04.2021



Picture	Application	VCI	Infotype / Vehicletype	Notes	Part Number
	Volvo	KTS Truck	<ul style="list-style-type: none"> <li><b>Truck:</b> Volvo, Terberg</li> <li><b>Bus:</b> Volvo, VDL (Volvo chassis)</li> <li><b>Engines:</b> Volvo, MWM</li> <li><b>OHW 2:</b> Volvo CE, Terberg</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Volvo models before standardization to OBD and other related manufacturer.</li> <li>Electronic architecture in the communication bus through SAE J 1708 protocol.</li> </ul>	1 684 463 770
	OBD Adapter Iveco 3 pin	KTS Truck	<ul style="list-style-type: none"> <li><b>Truck:</b> Iveco, Astra</li> <li><b>Bus:</b> Iveco / Irisbus</li> </ul>	<ul style="list-style-type: none"> <li>The use of the cable requires the device to receive power supply from the lighter or battery cables.</li> <li>Specific cable for Iveco (old models).</li> </ul>	1 684 463 771
	Mercedes Benz	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Truck:</b> Mercedes-Benz</li> <li><b>Bus:</b> Mercedes-Benz, Setra, Neoplan, MAZ</li> <li><b>LCV:</b> Mercedes-Benz, Volkswagen</li> <li><b>Manufacturer:</b> Mercedes-Benz</li> <li><b>OHW 1:</b> Claas, Deutz-Fahr, Same, Lamborghini</li> <li><b>OHW 2:</b> Grove, Tadano Faun, Terberg, Liebherr, Demag, Sandvik</li> </ul>	<ul style="list-style-type: none"> <li>Cable for the connection on the round connector of Mercedes-Benz but also used in other brands. This cable can be used in several type of vehicles and models.</li> </ul>	1 684 463 772
	Renault	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Truck:</b> Renault, Mack</li> <li><b>Bus:</b> Renault, Autosan, Iveco / Irisbus</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Renault used in the previous models and first generation of Dxi models.</li> </ul>	1 684 463 773

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	Iveco 30 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Truck:</b> Iveco, Astra, Seddon Atkinson, URO</li> <li>• <b>Bus:</b> Iveco / Irisbus, Credo, SOR, Autosan</li> <li>• <b>Manufacturer:</b> Iveco-FPT</li> <li>• <b>Sweeper:</b> Ravo, Bucher</li> <li>• <b>LCV:</b> Multicar</li> <li>• <b>OHW 2:</b> Fiat Kobelco</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Iveco. This cable can be used in most Iveco models, except in Euro 6 models.</li> </ul>	1 684 463 774
	MAN TG Series	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Truck:</b> MAN, ERF, MAZ</li> <li>• <b>Bus:</b> MAN, Neoplan</li> <li>• <b>OHW 1:</b> Claas, Ropa</li> <li>• <b>OHW 2:</b> Prinoth</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for MAN TG series and buses of the same generation.</li> </ul>	1 684 463 775
	ISO 9141 diagnostic DAF	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Truck:</b> DAF, Foden</li> <li>• <b>Bus:</b> VDL, Solaris, Viseon Bus</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for DAF &amp; VDL models. This cable is also used in connection through CAN lines on 16 &amp; 15 pins.</li> </ul>	1 684 463 776
	MAN 2000 Series 37 pin	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Truck:</b> MAN, Askam, Youngman</li> <li>• <b>Bus:</b> MAN, Neoplan, Temsa, Van Hool</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for MAN truck and buses old models.</li> </ul>	1 684 463 777
	Haldex ABS Modal	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Haldex ABS Modal, trailer braking system.</li> </ul>	1 684 463 778

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	Haldex ABS Modular	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> <li>• <b>Truck:</b> Nissan Atleon</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Haldex ABS Modular and Haldex ABS DGX systems.</li> </ul>	1 684 463 779
	Trailer ABS / EBS Wabco Knorr-Bremse	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> <li>• <b>LCV:</b> Multicar</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Wabco &amp; Knorr-Bremse trailer systems. The connector is located on the trailer chassis and used when the tractor-trailer connection is ISO 7638 (5 pin). Additionally, it could be an alternative even the ISO 7638 (7 pin).</li> </ul>	1 684 463 780
	Haldex EB+	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Haldex EB+ (1st, 2nd and 3rd generation) to connect directly on the diag module connector socket.</li> </ul>	1 684 463 781
	ISO 7638 Trailer	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> </ul>	<ul style="list-style-type: none"> <li>• Standard cable ISO 7638 to use in between the tractor head and the trailer CAN communication.</li> </ul>	1 684 463 782
	Volvo Bus ECS	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Bus:</b> Volvo Bus</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for ELF suspension system in Volvo bus (old models).</li> </ul>	1 684 463 783

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	Deutsch 6 pin	KTS Truck KTS Truck NA	Multiple diagnostics paths in all type of vehicles.	<ul style="list-style-type: none"> <li>Standard cable used mostly in all trucks and BUS models in NA before the evolution to Deutsch 9 pin (old models). It is also used by manufacturers as Cummins, Allison, and much more... so it could be found in several paths of all type of vehicles. The Vehicle System Scan could be executed using this cable.</li> <li>Out of series are 1 684 463 789.</li> </ul>	1 684 463 944
	Deutsch 9 pin	KTS Truck KTS Truck NA	Multiple diagnostics paths in all type of vehicles.	<ul style="list-style-type: none"> <li>Standard cable used mostly in all Truck and Bus models in NA. It is also used by manufacturer as Cummins, Allison, and others. So it could be found in several paths of all type of vehicles. The vehicle System Scan could be executed using this cable.</li> <li>Out of series are 1 684 463 790 and 1 684 463 943</li> </ul>	1 684 465 814
	UniAdapter, universal cable for multipin usage	KTS Truck KTS Truck NA	Multiple diagnostics paths in all type of vehicles.	<ul style="list-style-type: none"> <li>Must used in combination with pin set from KTS Truck.</li> </ul>	1 684 463 792
	ISO 9141 diagnostic Scania and Wabco systems	KTS Truck	<ul style="list-style-type: none"> <li><b>Truck:</b> Scania, ERF, FAQ, Ashok Leyland</li> <li><b>Manufacturer:</b> Wabco, Voith</li> <li><b>Bus:</b> Isuzu, Van Hool, Solaris, Credo, King Long, Solbus, MAN</li> <li><b>LCV:</b> Multicar</li> </ul>	<ul style="list-style-type: none"> <li>Standard cable used in Scania (old models) and for Wabco, Voith, Knorr-Bremse systems.</li> </ul>	1 684 463 793

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	Battery clips to DC Input	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>All</li> </ul>	<ul style="list-style-type: none"> <li>Power supply cable for KTS Truck, is scope of delivery.</li> </ul>	1 684 463 800
	Cigarette lighter to DC Input	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>All</li> </ul>	<ul style="list-style-type: none"> <li>Power supply cable for KTS Truck, is scope of delivery.</li> </ul>	1 684 463 801
	ZF Ecomat-4 Mate N-lock 9 pin	KTS Truck KTS Truck NA	<p>Multiple paths but mainly buses.</p> <ul style="list-style-type: none"> <li><b>Bus:</b> Volvo, Solbus, BMC, Solaris, Van Hool, Iveco / Irisbus, Scania, Setra, VDL, Gillig, New Flyer, Van Hool USA, Yutong, Alexander Dennis.</li> <li><b>Manufacturer:</b> ZF, ZF Meritor.</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for ZF Ecomat 4 transmission system through K Line or SAE J1708.</li> </ul>	1 684 463 891
	ZF EcoLife mini USB	KTS Truck KTS Truck NA	<p>Multiple paths but mainly buses.</p> <ul style="list-style-type: none"> <li><b>Bus:</b> King Long, VDL, New Flyer, Alexander Dennis, Irizar, Solaris, Scania, Temsa, Iveco/Irisbus, Zhongtong, Higer.</li> <li><b>Engine:</b> ZF, ZF Meritor.</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for ZF EcoLife transmission system.</li> </ul>	1 684 463 892

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	ZF EcoLife 9 pin MCP	KTS Truck KTS Truck NA	Multiple paths but mainly in buses. <ul style="list-style-type: none"> <li>• <b>Bus:</b> Van Hool, Iveco/Irisbus, Credo, Irizar, Tamsa, King Long, VDL, Mercedes-Benz, Solaris.</li> <li>• <b>Engine:</b> ZF, ZF Meritor.</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for ZF transmissions (EcoLife, AS Tronic, AS Tronic Lite, TraXon, ...) &amp; ZF retarders (EST-52, EST-54).</li> </ul>	1 684 463 893
	Power supply PLC	KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> </ul>	<ul style="list-style-type: none"> <li>• This cable is always used together with the cables 1 684 465 786 and 1 684 463 943 / 1 684 465 814. It is used on isolated trailers without the tractor head to supply the trailer systems.</li> </ul>	1 684 463 947
	OBD cable	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• All</li> </ul>	<ul style="list-style-type: none"> <li>• This cable is the main cable at KTS Truck for adaption of all other vehicle / system specific adaptations.</li> </ul>	1 684 465 611
	Knorr KB4-TA	KTS Truck	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Knorr-Bremse KB4-TA system.</li> </ul>	1 684 465 785
	PLC Trailer ABS	KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Trailer</b></li> <li>• <b>Engines:</b> Meritor Wabco, Bendix, Haldex USA</li> </ul>	<ul style="list-style-type: none"> <li>• This cable is always used together with one of these cables: <ul style="list-style-type: none"> <li>▪ 1 684 463 943</li> <li>▪ 1 684 463 943 + 1 684 463 497</li> <li>▪ 1 684 463 814</li> <li>▪ 1 684 463 814 + 1 684 463 497</li> </ul> </li> </ul>	1 684 465 786

Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	Thermo King	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>Trailer</li> </ul>	<ul style="list-style-type: none"> <li>Cable with an additional PCB. The use of this cable The Unidapter is not usable to connect to the systems communicating on this connector socket.</li> <li>Specific cable for Thermo King Smart Reefer 2, Smart Reefer 3, Thermoguard TG-VI and Carrier Vector.</li> </ul>	1 684 465 787
	Haldex EB+ 3rd Gen	KTS Truck	<ul style="list-style-type: none"> <li>Trailer</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for connecting directly on the Haldex EB+ 3rd generation module and Haldex U-ABS (Brasil).</li> </ul>	1 684 465 788
	Wabco ATC	KTS Truck	<ul style="list-style-type: none"> <li>Bus: MAN, Neoplan, Setra, Van Hoodl, VDL</li> </ul>	<ul style="list-style-type: none"> <li>Connections to Wabco ATC and MTS systems in several BUS models.</li> <li>The use of the cable requires the device to receive power supply from the lighter or battery cable.</li> </ul>	1 684 465 789
	Knorr-Bremse ABS 6	KTS Truck	<ul style="list-style-type: none"> <li>Bus: BMC, Otokar, Isuzu, Tamsa, MAZ</li> <li>Truck: Dennis Eagle, Tata</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Knorr-Bremse ABS 6 system in several BUS and Truck models.</li> </ul>	1 684 465 790
	ZF Ecomat-I 2 Mate N-lock 3 & 6 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>Truck: Tata-Daewoo</li> <li>Bus: Mercedes-Benz, MAN, Scania, Solaris, Gillig, New Flyer, VDL, Setra, Neoplan USA, Iveco / Irisbus, Tamsa, Van Hool USA, King Long</li> <li>OHW 1: Ursus</li> <li>OHW 2: Liebherr, Dermag, Grove, Tadano Faun, JCB, Hyderma, Terex, Hyundai CE, New Holland CE, Astra</li> <li>Manufacturer: ZF</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for ZF Ecomat I, Ecomat 2, AS Tronic, Ergopower transmissions and for ZF EST-32, EST-42 and EST-48 retarders.</li> </ul>	1 684 463 785

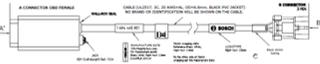
Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	Serial COM RS232	KTS Truck	<ul style="list-style-type: none"> <li><b>Bus:</b> Temsa &amp; Solaris</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for ABS, ECAS, MTS &amp; ATC in named models.</li> </ul>	1 684 465 793
	Switch CNH Deutsch 9 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Case iH, New Holland, Steyr</li> </ul>	<ul style="list-style-type: none"> <li>This is an auxiliary switch device used at calibration so it is not appearing into the connection instruction.</li> </ul>	1 684 465 815
	SAE J1939 Back bone	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engines:</b> Cummins</li> <li><b>Manufacturer:</b> Cummins, Twin Disc</li> <li><b>Bus:</b> Volkswagen</li> <li><b>OHW 2:</b> Komatsu, Hyundai CE, Hyster</li> </ul>	<ul style="list-style-type: none"> <li>The use of the cable requires the device to receive power supply from the lighter or battery cables.</li> <li>The connector socket is part of the harness of the engine so it tends to be located next to the engine block.</li> </ul>	1 684 465 816
	Steyr 3 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Steyr</li> </ul>	-	1 684 465 817
	Steyr 6 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Steyr</li> </ul>	-	1 684 465 818

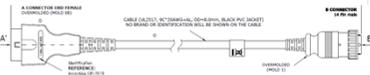
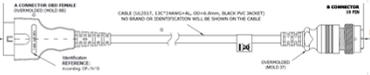
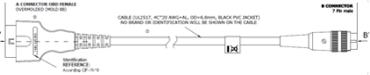
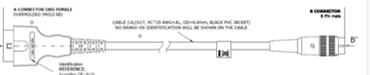
Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	Deutz Engine	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Bus:</b> Otokar, MAZ, Bredamenarinibus</li> <li>• <b>OHW 1:</b> Gregoire, Fendt, Atlas, Ursus, Manitou, Claas, Merlo, ...</li> <li>• <b>OHW 2:</b> Weidemann, Takeuchi, Bomag, Liebherr, Bobcat, Hitachi, Kramer, Terex, Yanmar, Hyundai CE, Volvo CE, ...</li> <li>• <b>Engine:</b> Deutz</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Deutz engines.</li> </ul>	1 684 465 820
	SDF Group	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>OHW 1:</b> Deutz-Fahr, Same, Lamborghini, Hürlimann</li> </ul>	<ul style="list-style-type: none"> <li>• Cable with an additional PCB. The use of this cable is only possible with a KTS Truck 2nd generation (FD &gt; 03/2014). The Unidapter is not usable to connect on the systems communicating on this connector socket.</li> </ul>	1 684 465 821
	CAT, Perkins, John Deere Construction	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Engines:</b> John Deere, Perkins, Caterpillar</li> <li>• <b>Manufacturer:</b> Caterpillar</li> <li>• <b>OHW 1:</b> Gregoire, Landini, Merlo, Claas, Caterpillar, Laverda, Massey Ferguson, McCormick</li> <li>• <b>OHW 2:</b> Bobcat, Hyderma, Caterpillar, Bomag</li> </ul>	<ul style="list-style-type: none"> <li>• Specific cable for Caterpillar, Perkins and John Deere engines.</li> <li>• This connector could have to be combined with 1 684 465 863.</li> </ul>	1 684 465 822
	Fendt	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>OHW 1:</b> Fendt</li> </ul>	<ul style="list-style-type: none"> <li>• The use of the cable requires external power supply for the device by using battery cable, lighter cable or the agricultural vehicles auxiliary supply cable.</li> </ul>	1 684 465 823

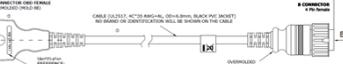
Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	Switch New Holland	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> New Holland</li> </ul>	<ul style="list-style-type: none"> <li>This is an auxiliary switch device used in calibrations, DTC deletion manual process. So it is not appearing into the connection instructions.</li> </ul>	1 684 465 824
	New Holland TN Series	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> New Holland, Case ich, Steyr</li> </ul>	<ul style="list-style-type: none"> <li>Cable with an additional PCB. The use of this cable is only possible KTS Truck 2nd generation (FD &gt; 03/2014). The Unidapter is not usable to connect on the system communicating on this connector socket.</li> </ul>	1 684 465 825
	Volvo Construction 24 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 2:</b> Volvo CE</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Volvo CE models (old models).</li> </ul>	1 684 465 826
	Volvo Penta Diesel 6 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Volvo Penta</li> <li><b>OHW 1:</b> Franz Kleine, MTS-Sandei</li> <li><b>OHW 2:</b> Kalmar, Terberg, Sandvik</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Volvo Penta engines (without SAE J1939).</li> </ul>	1 684 465 827
	Volvo Penta Diesel 8 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Volvo Penta</li> <li><b>OHW 1:</b> MTS-Sandei</li> <li><b>OHW 2:</b> Kalmar, Sandik</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Volvo Penta engines (newest than the previous one, with SAE J1939).</li> </ul>	1 684 465 828

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	MTU	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> MTU</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for ADEC system in MTU engines.</li> <li>The use of a direct connector requires the device to receive power supply from the lighter or battery cables.</li> <li>The connector socket could be directly located on the ECU.</li> </ul>	1 684 465 829
	Massey Ferguson	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Massey Ferguson, Challenger</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Massey Ferguson and Challenger models.</li> </ul>	1 684 465 830
	Sisu and John Deere engines Sub D 9/3 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Scania</li> <li><b>OHW 1:</b> Massey Ferguson, Challenger, Fendt, Laverda, John Deere, Valtra</li> <li><b>OHW 2:</b> Kalmar, CVS Ferrari, Randon</li> </ul>	<ul style="list-style-type: none"> <li>The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.</li> <li>Cable with two possible connectors (9 pin / 3 pin).</li> </ul>	1 684 465 831
	Claas, Renault 4 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Claas, Renault</li> </ul>	<ul style="list-style-type: none"> <li>Cable with two possible connectors (circular 4 pins/rectangular 4 pins).</li> <li>This connector could have to be combined with 1684465863.</li> </ul>	1 684 465 832
	Carraro Sub D 9/3 pin	KTS Truck	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Carraro, Challenger, John Deere, Massey Ferguson, Claas, Renault, Valtra, ...</li> </ul>	<ul style="list-style-type: none"> <li>Cable with an additional PCB. The use of this cable is only possible with KTS Truck 2nd generation (FD &gt; 03/2014). The Unidapter is not usable to connect on this system.</li> <li>The use of this cable requires it to receive external power supply from the lighter cable.</li> <li>Cable with two possible connectors (9 pin / 3 pin).</li> </ul>	1 684 465 834

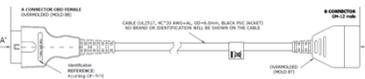
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	Landini	KTS Truck	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Landini, McCormick, Valdapana, Kamaz</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Argo tractors.</li> </ul>	1 684 465 835
	Valtra 8 pin	KTS Truck	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Valtra</li> </ul>	<ul style="list-style-type: none"> <li>The use of the cable requires external power supply for the device by using the battery cable, lighter cable or the agricultural vehicles auxiliary supply cable.</li> </ul>	1 684 465 836
	Valtra 16 pin	KTS Truck	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Valtra</li> </ul>	<ul style="list-style-type: none"> <li>Specific cable for Valtra models.</li> </ul>	1 684 465 837
	Bosch Rexroth	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Bus:</b> Solaris, Solbus</li> <li><b>OHW 1:</b> Merlo, Manitou</li> <li><b>OHW 2:</b> Bosch Rexroth, Terberg</li> <li><b>Engine:</b> Bosch Rexroth</li> </ul>	<ul style="list-style-type: none"> <li>The use of this cable requires the device to receive power supply coming from the lighter or battery cables.</li> <li>This cable will be replaced by the cable reference 1 684 465 873. This new cable adds an external PCB for supporting connections on ECUs communicating on RS232 protocol, but it is possible connecting on ECU on CAN line too.</li> </ul>	1 684 465 838

Picture	Application	VCI	Infotype / Vehicle type	Notes	Part number
	Kubota	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Sweeper:</b> Mathieu-Yno, Dulevo</li> <li>• <b>OHW 1:</b> Kubota, Manitou, Merlo, Dieci</li> <li>• <b>OHW 2:</b> Kubota, Hidromek, Hyster, Schäfer, Genie, Gehl, Kässbohrer Geländefahrzeug, Hamm, Hitachi, Bobcat, ...</li> </ul>	<ul style="list-style-type: none"> <li>• The use of this cable is on CAN communication of the E-CDIS system for Kubota engines.</li> </ul>	1 684 465 839
	Power Supply – Agricultural vehicles converter from COBO to lighter	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>OHW 1</b></li> </ul>	-	1 684 465 840
	Carrier	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Trailer,</b> Carrier Refrigerator Units, e.g. Maxima/Ultra, Vector, ...</li> </ul>	<ul style="list-style-type: none"> <li>• Cable with additional PCB. The use of this cable is only possible with KTS Truck 2nd generation (FD &gt; 03/2014). The unidapter is not usable to connect on this system.</li> <li>• The use of this cable requires it to receive external power supply from the lighter or the battery cable.</li> </ul>	1 684 465 851
	GMC Chevrolet CAN Single Wire	KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>LCV:</b> GMC/Chevrolet</li> </ul>	-	1 684 465 852

Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	Claas, Renault 14 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Claas/Renault Celtis CT36/A07</li> </ul>	<ul style="list-style-type: none"> <li>Developed systems: engine, transmission.</li> <li>This connector could have to be combined with 1684465863.</li> <li>This connector could be partially used with KTS Truck 1nd generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 853
	FPT Deutz 19 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Iveco/FPT</li> <li><b>Sweeper:</b> Dulevo, Ravo, Eurovoirie, Bucher</li> <li><b>OHW 1:</b> Merlo Roto Series</li> <li><b>OHW 2:</b> Merlo MM Series</li> </ul>	<ul style="list-style-type: none"> <li>Developed systems: engine and anti-pollution.</li> <li>This cable could be partially used with KTS Truck 1nd generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 854
	Claas Combine and Xerion Series 7 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 2:</b> Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series</li> </ul>	<ul style="list-style-type: none"> <li>Several systems of these vehicle series onto the CAN bus.</li> <li>The use of this cable is currently possible with KTS Truck 2nd generation (FD &gt; 03/2014) although it could be designed for KTS Truck 1st generation (FD &lt; 03/2914).</li> <li>The use of the cable requires external power supply for the device by using the battery cable, the lighter cable or the agricultural vehicles auxiliary supply cable.</li> </ul>	1 684 465 855
	Claas Combine and Xerion Series 8 pin	ESI Truck ESI Truck NA	<ul style="list-style-type: none"> <li><b>OHW 1:</b> Claas Lexion Series, Tucano Series, Jaguar Series, Xerion Series</li> </ul>	<ul style="list-style-type: none"> <li>Several systems of these vehicle series onto the CAN Bus. The difference between this cable and the previous one is that new families add two CAN Bus instead of only one.</li> <li>This cable could be partially used with KTS Truck 1st generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> <li>The use of the cable requires external power supply for the device by using the battery cable or the agricultural vehicles auxiliary supply cable.</li> </ul>	168 465 856

Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	RS232 Scania Engine	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Engine:</b> Scania</li> </ul>	<ul style="list-style-type: none"> <li>• Cable with an additional PCB. The Uniadapter is not available to connect on this system.</li> <li>• The use of this cable requires it to receive external power supply from the lighter cable.</li> <li>• The use of this cable is currently possible with KTS Truck 2nd generation (FD &gt; 03/2014) although it could be designed for KTS Truck 1st generation (FD &lt; 03/2019). However, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 857
	CAN Scania Engine, 4 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Engine:</b> Scania</li> <li>• <b>OHW 2:</b> Doosan, Hyundai CE, Terex</li> </ul>	<ul style="list-style-type: none"> <li>• Developed systems: engine, anti-pollution and central computer.</li> <li>• This cable could be partially used with KTS Truck 1nd generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 858
	Caterpillar	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>OHW 2:</b> Caterpillar</li> </ul>	<ul style="list-style-type: none"> <li>• Several systems of these vehicle series onto the CAN and SAE J1708 Bus.</li> <li>• This cable could be partially used with KTS Truck 1nd generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 859
	Hitachi	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>OHW 2:</b> Hitachi, John Deere</li> </ul>	<ul style="list-style-type: none"> <li>• Several systems of this vehicle series onto the CAN Bus.</li> <li>• Cable with an additional PCB. The Uniadapter is not available to connect on this system.</li> <li>• The use of this cable requires it to receive external power supply from the lighter cable.</li> <li>• The use of this cable is currently possible with KTS Truck 2nd generation (FD &gt; 03/2014) although it could be designed for KTS Truck 1st generation (FD &lt; 03/2019). However, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 860

Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	Komatsu	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>OHW 2:</b> Komatsu</li> </ul>	<ul style="list-style-type: none"> <li>Developed engine system of this vehicle series onto the CAN bus.</li> <li>This cable could be partially used with KTS Truck 1nd generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 861
	MTU 10 pin	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> MTU</li> </ul>	<ul style="list-style-type: none"> <li>Cable with an additional PCB. The Uniadapter is not available to connect on this system.</li> <li>The use of this cable requires it to receive external power supply from the lighter cable.</li> <li>The use of this cable is currently possible with KTS Truck 2nd generation (FD &gt; 03/2014) although it could be designed for KTS Truck 1st generation (FD &lt; 03/2019). However, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> <li>The connector socket is directly located on the ECU.</li> </ul>	1 684 465 862
	CAN resistor adapter	KTS Truck KTS Truck NA	<ul style="list-style-type: none"> <li><b>Engine:</b> Perkins</li> <li><b>OHW 1:</b> Claas, Renault, Massey Ferguson, Kandini, Mc Cormick, Ursus, Challenger, Kamaz, Manitou, Merlo</li> <li><b>OHW 2:</b> Hyundai CE, Terex, Bobcat, Terex, Xtreme, Takeuchi, Prinoth, Doosan</li> </ul>	<ul style="list-style-type: none"> <li>In some different brand models, it is necessary to switch the CAN bus off using the OBD4 adapter. This adapter will be attached somewhere between the vehicle adapter and the JDC 213M3 connector (corresponding to the cable 1684465611).</li> <li>It can be used alone or combined to the cables: JDC 505A (1684465822), JDC 519A (1684465832) or JDC 525A.</li> <li>Developed systems: engine and transmission.</li> <li>This cable could be partially used with KTS Truck 1nd generation (FD &lt; 03/2014) depending on the selected system. In any case, the OHW project was only recommended for the use with KTS Truck 2nd generation (FD &gt; 03/2014).</li> </ul>	1 684 465 863

Picture	Application	VCI	Infotype / Vehicletype	Notes	Part number
	OBD-II 16 pin to OBD-1 12 pin	KTS Truck NA	<ul style="list-style-type: none"> <li>• <b>Bus:</b> Blue Bird, MCI, Setra, Thomas Built, Prevost, New Flyer, Van Hool USA, Neoplan USA, Nabi, Orion, Eldorado, Gillig, IC (International), ...</li> <li>• <b>Truck:</b> Iveco, Mercedes-Benz, Scania, Van Hool USA, Peterbilt, Pierce</li> <li>• <b>Manufacturer:</b> Allison, Detroit Diesel-MBE</li> <li>• <b>LCV:</b> GMC, Chevrolet</li> </ul>	<ul style="list-style-type: none"> <li>• It is an OBD adapter cable and converter (12 pin) to OBD II (16 pin).</li> <li>• Used in some old models of different brands (especially in the brands belonging to the group General Motors). Used in the US market.</li> <li>• Developed systems: engine, system scan and transmission onto SAE J1708 bus.</li> <li>• This cable could be used with KTS Truck 1st and 2nd generation depending on the selected system.</li> </ul>	1 684 465 864