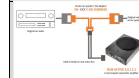




# FOCAL INSIDE T-Harness COMPATIBILITY

**FOCAL HARNESS NOT COMPATIBLE WITH OEM amplifier**

# FOCAL INSIDE P&P AUDIO SOLUTION



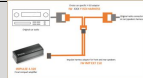
Active subwoofer



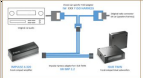
SUB ACTIVE / 2.1



Compact amplifier



FRONT & REAR SPK



FRONT & I SUB TWIN



FRONT & PSB 200



ok

IMPULSE 4.320

IW IMP EXT 150

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IMPULSE 4.320

IW IMP EXT 150

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IW IMP 2.1

**Update february 2025** **AUDIO SOLUTION FOCAL INSIDE FOR YOUR CAR** **WWW.FOCAL-INSIDE.COM**

Filter line		Vehicles			Harness Head Unit	
Series	Car models	Years	Years		Harness head unit	Commentary
Alfa romeo	147		2000-2010		ISO CONNECTOR	Direct connection without T harness
	156		1996-2008		ISO CONNECTOR	Direct connection without T harness
	159		2005-2012		ISO CONNECTOR	Direct connection without T harness
	4C		2013-2018		No	
	8C		2007-2010		ISO CONNECTOR	Direct connection without T harness
	Brera		2005-2010		ISO CONNECTOR	Direct connection without T harness
	Giulietta		2010-2018		ISO CONNECTOR	Direct connection without T harness
	Gt		2004-2010		ISO CONNECTOR	Direct connection without T harness
	Mito		2008-2013		ISO CONNECTOR	Direct connection without T harness
	Mito		2013-2018		No	
Alpine	A110 Pure		2018-		Harness Head Unit	
			Years		Harness Head Unit	
Alpina BMW	3 Series	D3 S	Sedan/ touring	2019-	NO	
		B3	Sedan/ touring	2019-	NO	
	5 Series	D5 S	Sedan/ touring	2016-	IW-BMW-YISO	Before 06/2019, no compatible after.
		B5	Sedan/ touring	2016-	IW-BMW-YISO	Before 06/2019, no compatible after.
X Series	XD3	Suv	2011-2018	IW-BMW-YISO	Before 06/2019, no compatible after.	
	XD4	Suv	2012-2018	IW-BMW-YISO	Before 06/2019, no compatible after.	
7-8 series	B7	Sedan	2011-2018	IW-BMW-YISO	Before 06/2019, no compatible after.	
	B8	Sedan	2012-2018	IW-BMW-YISO	Before 06/2019, no compatible after.	

**BMW Audio option information**  
Our audio solutions with amplifiers and our dedicated cables are not compatible with BMW that have a car radio box, or original amplifier

Filter line		Vehicles			Harness Head Unit	
Series	Car models	Years	Years		Harness head unit	Commentary
Audi	A1	8X	2010-2023		IW-VW-YISO	
	A2		1999-2005		ISO CONNECTOR	Direct connection without T harness
	A3	8L	1996-2003		ISO CONNECTOR	Direct connection without T harness
	A3	8P /8PA	2003-2012		IW-MBZ-YISO	
	A3	8V	2012-2023		IW-VW-YISO	
	A4	B6 B7 8E / 8H	2001-2006		IW-MBZ-YISO	
	A4	B8	2007-2015		IW-MBZ-YISO	Standard basic audio
	A4	B8	2007-2015		IW-VW-YISO	MMi 8/10 speakers
	A4	B8 B9 8W	2015-2023		IW-VW-YISO	
	A6	C7 4G	2010-2023		IW-VW-YISO	
	A5	8T	2007-2015		IW-MBZ-YISO	Standard basic audio
	A5	8T	2007-2015		IW-VW-YISO	MMi 8/10 speakers
	A5	F5	2016-2023		IW-VW-YISO	
	A6	C5	2003-2055		IW-MBZ-YISO	
	A6	C6	2004-2006		IW-MBZ-YISO	Standard basic audio
	A6	C6	2004-2006		IW-VW-YISO	MMi 8/10 speakers
	A6	C8	2018-2023		IW-VW-YISO	
	A7	C8	2018-2023		IW-VW-YISO	

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IMPULSE 4.320

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IMPULSE 4.320

IW IMP EXT 150

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<b>X1 Series</b>	E84	Suv	2009-2015	IW-BMW-YISO		
	F48	Suv	2015-	IW-BMW-YISO	Before 06/2019, no compatible after.	
	F49	Suv M long	2016-2022	IW-BMW-YISO	Before 06/2019, no compatible after.	
	U11	Suv	2022-	NO		
	<b>X2 Series</b>	F39	Suv Coupé	2018-2023	IW-BMW-YISO	Before 06/2019, no compatible after.
		U10	Suv Coupé	2023-	NO	
	<b>X3 Series</b>	E83	Suv	2004-2010	IW-BMW-YISO	
		F25	Suv	2010-2017	IW-BMW-YISO	
		G01	Suv	2017-2024	IW-BMW-YISO	Before 06/2019, no compatible after.
		G08	Suv	2017-2024	IW-BMW-YISO	Before 06/2019, no compatible after.
		F97	Suv M	2017-2024	IW-BMW-YISO	
		G97	Suv M	2024-	NO	
	<b>X4 Series</b>	F26	Suv	2014-2018	IW-BMW-YISO	
		G02	Suv	2018-	IW-BMW-YISO	Before 06/2019, no compatible after.
		F98	Suv M	2017-2019	IW-BMW-YISO	Before 06/2019, no compatible after.
	<b>X5 Series</b>	E70	Suv	2007-2013	IW-BMW-YISO	
		F15	Suv	2013-2018	IW-BMW-YISO	
		F85	Suv M	2015-2018	IW-BMW-YISO	
		G05	Suv	2018-	NO	
		F95 M50	Suv M	2018-	NO	
	<b>Series</b>	<b>Car models</b>	<b>Years</b>	<b>Harness Head Unit</b>		
	<b>X6 Series</b>	E71	Suv	2008-2014	IW-BMW-YISO	
		E72	Suv hybrid	2009-2010	IW-BMW-YISO	
F16		Suv	2014-2019	IW-BMW-YISO		
F86		Suv M	2015-2019	IW-BMW-YISO		
G06		Suv	2019-	NO		
<b>X7 Series</b>	G07	Suv	2019-	NO		

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<b>BMW audio system details</b>	<b>Commentary</b>
<b>BMW AUDIO STANDARD</b>	You can replace all speakers, front, rear, subwoofers 4 ohms, without after
<b>BMW AUDIO STANDARD</b>	You can replace all speakers, front, rear, subwoofers 2 ohms. with adding
<b>BMW AUDIO STANDARD with GPS pro (big screen)</b>	You can replace all speakers, front, rear, subwoofers. no plug and play amplifier solution
<b>BMW AUDIO TOP HIFI S676 OPTION</b>	You can replace all speakers, front, rear, subwoofers 4 or 2 ohms (need to control on car) no plug and play amplifier solution.
<b>BMW AUDIO HARMAN KARDON OPTION</b>	You can replace main speakers, front, rear, but not the subwoofers. HK used 7

<b>Vehicules</b>		<b>Years</b>	<b>Harness Head Unit</b>						
<b>Byd</b>	Atto 2	2020-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Atto 3	2022-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Atto 4	2023-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	D1	2020-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Dolphin	2022-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ea1	2022-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	E2	2019-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	E6	2009-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F3	2012-2020		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F3 R	2008-2013		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F6	2008-2013		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	G3	2012-2017		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	G5	2018-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	

	G6	2019-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Han	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	L3	2015-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	S5 (song plus)	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	S6	2017-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	S7	2006-2016			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Seal	2023-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Song	2012-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Song Max	2017-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Song PRO	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Song Plus	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Surui (replace f6)	2014-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tang	2015-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tang	2018-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Yuan	2012-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Citroën</b>	Berlingo II (phase3)	2015-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Berlingo III	2018-2022	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C1	2005-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C1	2014-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C3	2002-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C3 III	2016-2022	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C3 IV	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C3 suv	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C3 Aircross	2017-2022	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 Picasso I	2006-2013			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 Grand Space Tourer	2013-2018	IW-PSA-YISO	After 2016	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 II	2015-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 III	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 Cactus	2014-2017			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 Cactus II	2017-2020	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C4 Space Tourer	2013-2018	IW-PSA-YISO	After 2016	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C5 II	2008-2017			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C5 aircross	2017-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
C5 X	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Jumpy III / IV	2016-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Space Tourer	2016-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Cupra</b>	Ateca cupra	2018-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Born	2021-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Formentor	2020-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Leon cupra	2020-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Leon sportourer cupra	2020-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Datsun</b>	Go	2014-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Go +	2014-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Go Cross	2018-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>DS Automobile</b>	DS3	2009-2017	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS3 Cabrio	2012-2017	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS3 Crossback	2019-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS4	2011-2018	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS4 Crossback	2015-2018	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS4	2021-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS5	2011-2018	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
DS7 Crossback	2018-2022	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		

	DS7 II	2022-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	DS9	2021-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Daihatsu</b>	Materia	2004-2010			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ayla	2004-2010			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Xenia III	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Dacia</b>	Dokker Dokker Steepway	2012-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Dokker VU	2012-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Duster I	2010-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Duster I	2013-2017	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Duster II	2017-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Lodgy	2012-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Lodgy Steepway	2012-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan I	2004-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan II	2012-2020	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan III	2020-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan MCV I	2006-2013	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan MCV II	2013-2020	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan MCV II Steepway	2013-2020	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan MCV III	2020-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Logan van	2013-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Jogger	2022-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sandero I	2007-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sandero I	2013-2016	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sandero II	2016-2021	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sandero II Steepway	2016-2021	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sandero III	2021-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Sandero III Steepway	2021-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Ferrari</b>	360	1999-2005	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	599	2006-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	612 Scaglietti	2004-2011	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F430	2004-2009	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Fiat</b>	124 spider	2015-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	500	2007-2014	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	500 II	2015-2023	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	500 L	2013-2023	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	500 X	2014-2023	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Albea	2002-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Bravo	2007-2014	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Doblo	2010-2015	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Doblo II	2015-2023	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Freemont	2011-2018	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Grande Punto	2005-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Idea	2004-2012	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Linea	2007-2014	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Nuovo Scudo	2016-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Panda	2004-2018	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Qubo	2009-2018	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scudo	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scudo III	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Stilo	2001-2008	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Talento	2016-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Talento VU	2016-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Tipo	2016-	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		

	Ulysse	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
<b>Ford</b>	<b>B-Max</b>	2013-	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Bronco 4 doors	2021-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Bronco sport	2021-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	C-Max	2011-2017	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ecospport	2013-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Edge	2011-2014	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Edge II	2014-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Endura	2014-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Endeavour II	2015-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Endeavour III	2022	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Equator	2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Escape	2013-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Escape	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Escort	2014-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Everest II	2015-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Everest III	2022-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Evos	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Expedition	2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Expedition Max	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Explorer V	2003-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Explorer VI	2019-2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Explorer EV	2023-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	E-series	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-150	2015-2020	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-150 Raptor II	2017-2020	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-150	2021-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-250	2018-	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-350	2018-	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-450 Super Duty	2017-2021	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fiesta VI	2008-2011	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fiesta VI	2011-2016	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fiesta VII	2017-2023	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Figo	2014-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Figo aspire	2015-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Focus III	2011-2017	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Focus IV	2018-2022	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Focus IV Active	2018-2022	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Freestyle india	2018-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fusion	2013-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Galaxy II	2006-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Galaxy III	2015-2023	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ka +	2014-	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ka Sedan / Urban	2014-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	kuga II	2013-2019	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	kuga III	2020-2023	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Lobo	2015-2020	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Lobo	2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Maverick	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mondeo III	2007-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mondeo IV	2014-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mondeo V	2022-	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mustang VI	2015-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mustang VI Convertible	2015-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mustang VII	2022-	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mustang Match E	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Puma II	2020-2023	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	



	Ranger III	2012-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ranger III Super Cab	2018-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ranger III Supercrew Cab	2018-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ranger III Simple Cab	2018-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ranger III Raptor	2019-2022	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ranger IV	2022-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ranger IV Raptor	2022-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sharp	2018-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	S-Max II	2015-2023	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Taurus VII	2016-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Territory	2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Territory	2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Connect	2012-2021	IW-FOR-YISO after 09/2018		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Connect II	2022-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Courier	2014-2017	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Courier II	2017-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Custom I Phase 1	2012-2017	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Custom I Phase 2	2017- 2023	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tourneo Custom II	2024-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Connect	2012-2019	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Connect II	2019-	IW-FOR-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Courier	2014-2017	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Courier II	2017-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Custom I phase 1	2012-2017	IW-FOR-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Custom I phase 2	2017-2023	IW-FOR-YISO	For Sync 3 radio	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Custom II	2024-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Custom nugget/ trail	2022-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	E-Transit Custom	2023-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Transit Van	2012-2022	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Geely</b>	Atlas	2018-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Boyue	2016-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Borui	2013-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Coolray	2018-	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	GS	2018-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	NL3	2017-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Emgrand x7 sport	2019-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Emgrand X3	2017-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tugella	2019-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Xingyue	2019-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Infiniti</b>	FX35	2006-2016			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	G	2002-2013			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	G35	2008			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	I30	1996-2004			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	I35	2006			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	M35/M45	2005-2010			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Q45	2002-2006			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Q45 / Q50	2013-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
QX56	2004-2013			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Isuzu</b>	Dmax	2015-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mu-X II	2013-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Dmax	2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mu-X II	2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Jaguar</b>	e-pace	2008-2011			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	F-pace	2016-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	

	I-pace	2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	XE	2015-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	XF	2008-2011			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Lada</b>	Largus Cross	2006-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Largus Universal	2006-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Largus Wagon VU	2006-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vesta	2015-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vesta Sw	2015-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Xray	2019-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Land rover</b>	Evoque	2014-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Defender II	2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Discovery sport	2015-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Lexus</b>	CT	2009-2017	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	CT	2018-2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	ES V	2002-2012			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	ES VI	2012-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	ES VII	2019-2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	GS III	2006-2011	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	GS IV	2012-2020	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	GX	2003-2013	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	GX	2014-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IS	2001-2006	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IS II	2006-2012	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IS III	2012-2020	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IS IV	2020-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	LBX	2023-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	LM	2020-2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	LS IV	2007-2017	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	LS V	2018-2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	LX II	2007-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	LX III	2018-2020	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	NX	2015-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	NX II	2021-2023	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	RC F	2014-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	RX	1998-2003			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	RX II/III	2004-2015			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	RX IV	2016-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	RX L	2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	UX	2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Lincoln</b>	Continental	2018-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Navigator	2018-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Nautilus	2018-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mkx	2015-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mkt	2013-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mkz	2013-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mkc	2013-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		<b>Years</b>	<b>Harness Head Unit</b>							
<b>Mazda</b>	-2 II	2007-2014			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	-2 III	2015-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	-2 IV hybrid	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	-3 Bm/Bn 5 Doors	2014-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	-6 GJ/ GL Sedan/ wagon	2012-2017			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	-6 sedan	2017-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	-6 / atenza Japan	2012-2017			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	



GLC class	X253	Suv	2015-2022	IW-MBZ-YISO	Before 06/2019*								
	C253	Suv coupe	2015-2022	IW-MBZ-YISO	Before 06/2019*								
	X254	Suv	2022-	NO									
	C254	Suv coupe	2022-	NO									
<b>Series</b>	<b>Car models</b>		<b>Years</b>	<b>Harness Head Unit</b>									
GL CLASS	T164	Suv	2006-2012	IW-MBZ-YISO									
ML CLASS	T164	Suv	2005-2012	IW-MBZ-YISO									
GLE class	C292	Coupe	2015-										
	V/W167	Suv	2018-	NO									
GLS class	X167	Suv	2018-	NO									
<b>Series</b>	<b>Car models</b>		<b>Years</b>	<b>Harness Head Unit</b>									
G CLASS	T461	Suv	2007-2012	IW-MBZ-YISO									
	W463	Suv	2018-										
R CLASS	T251		2005-2012	IW-MBZ-YISO									
<b>Series</b>	<b>Car models</b>		<b>Years</b>	<b>Harness Head Unit</b>									
S Class	W222	Sedan	2013-2021	IW-MBZ-YISO	Before 06/2019*								
	V222	Limousine	2013-2021	IW-MBZ-YISO	Before 06/2019*								
	C217	Coupe	2014-2022	IW-MBZ-YISO	Before 06/2019*								
	A217	Convertible	2014-2022	IW-MBZ-YISO	Before 06/2019*								
	W223	Sedan	2022-	NO									
<b>Series</b>	<b>Car models</b>		<b>Years</b>	<b>Harness Head Unit</b>									
Sprinter	T906		2006-2018	IW-MBZ-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1			
<b>Series</b>	<b>Car models</b>		<b>Years</b>	<b>Harness Head Unit</b>									
V Class	T447		2014-2023	IW-MBZ-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1			
Vito			2022	IW-MBZ-YISO	Impedance make some problem, need HILO V2	ok with HILO V2	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1			
<b>Series</b>	<b>Car models</b>		<b>Years</b>	<b>Harness Head Unit</b>									
AMG gt 2/4 doors	X290	Sedan	2018-										
<b>MERCEDES HARNESS FOCAL NOT COMPATIBLE WITH ORIGINAL OEM AMPLIFIER AND HEAD UNIT OPTIC BOX IN TRUNK</b>													
<b>*MERCEDES HARNESS FOCAL ONLY COMPATIBLE WITH NGT5 HEAD UNIT BEFORE JUNE 2019</b>													
<b>Mini</b>			<b>Years</b>	<b>Harness Head Unit</b>									
	R55	Clubman	2008-2015	IW-BMW-YISO									
	R56	3 Doors	2006-2014	IW-BMW-YISO									
	R57	Cabrio	2006-2014	IW-BMW-YISO									
	R58	Coupe	2012-2015	IW-BMW-YISO									
	R59	Roadster	2012-2016	IW-BMW-YISO									
	R60	Countryman	2010-2017	IW-BMW-YISO									
	R61	Spaceman	2013-2017	IW-BMW-YISO									
	F54	Clubman	2016-2023	IW-BMW-YISO									
	F55	5 Doors	2014-2023	IW-BMW-YISO									
	F56	3 Doors	2014-2023	IW-BMW-YISO									
	F56 SE electric	3 Doors	2020-2023	IW-BMW-YISO									
	F57	Cabrio	2016-2023	IW-BMW-YISO									
	F60	Countryman	2017-2023	IW-BMW-YISO									
		Aceman	2024-										
		3 Doors	2024-										
<b>MINI Audio option information</b>													
Our audio solutions with amplifiers and our dedicated cables are not compatible with BMW/MINI that have a car radio box, or original													
<b>MINI audio system details</b>													
<b>Commentary</b>													
BMW/MINI AUDIO STANDARD You can replace all speakers, front, rear, subwoofers 4 ohms, without after													
BMW/MINI AUDIO STANDARD You can replace all speakers, front, rear, subwoofers 2 ohms. with adding													
BMW/MINI AUDIO TOP HIFI S676 OPTION You can replace all speakers, front, rear, subwoofers 4 ohms. no plug and play													
BMW/MINI AUDIO HARMAN KARDON OPTION You can replace main speakers, front, rear, but not the subwoofers. HK used 7													
<b>Mitsubishi</b>			<b>Years</b>	<b>Harness Head Unit</b>									
	Express (australia)		2020-	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1			
	Asx		2023-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1			

	Colt	2023-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
		Years	Harness Head Unit							
Nissan	350Z	2003-2009	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	370Z	2009-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Almera IV	2011-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Almera V	2019-2022	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Altima	2002-2007	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Altima	2007-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Armada	2017-2020	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Cube	2009-2014	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Frontier	2015-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	GT R	2007-2023	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Juke	2010-	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Kicks	2016-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Leaf	2010-2018	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Livie	2014-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	March	2008-2015			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	March	2017-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Maxima	2000-2008			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Maxima	2009-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Micra	2016-	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Murano	2003-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Navara d23 Double Cab	2010-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	After 08/2008
	Navara d23 Simple Cab	2010-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Note	2017-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Np 200	2008-	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Np 300	2015-2019	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Nv 300	2016-2021	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Nv 400	2010-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Pathfinder	1998-2004	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Pathfinder	2008-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Patrol y62	2010-2020	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Pulsar	2014-2018	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Qashqai II	2014-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Qashqai III	2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Qijun	2013-2020	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Quest	2004-2010	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Quest	2011-2017	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Rogue	2014-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Rogue IV	2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Sentra / Sylphy	2000-2006	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Sentra / Sylphy	2014-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Serena	2005-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Terrano III	2014-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Terrano IV	2018-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Titan I	2003-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Titan II	2015-2020	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Teana	2008-2020	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Tiida	2017-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Townstar	2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Versa N17	2007-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Versa N18	2019-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Vera	2017-2019	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
X-trail III	2013-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
X-trail IV	2021-	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Urvan	2012-2021	IW-NIS-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
X-terra	2005-2015	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
		Years	Harness Head Unit							

Opel Vauxhaul	Adam	2005-2007	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Agila A 1g	2005-2007	NO	Iso need to adapt	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Agila B	2005-2007	IW-BMW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Antara	2005-2017	IW-BMW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Astra H	2003-2010	IW-BMW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Astra J	2009-2015	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Astra K	2015-2021	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Astra	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Astra sport tourer	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Astra country tourer	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Combo C G2	2006-2011	IW-BMW-YISO	Need to check, can be ISO connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Combo D	2018-	IW-BMW-YISO	Need to check, can be other Opel connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Corsa C	2000-2006	IW-BMW-YISO	Need to check, can be ISO connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Corsa D	2006-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Corsa E	2006-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Corsa F	2014-2022	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Corsa F	2023-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Crossland X	2017-	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Grandland X	2017-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Karl	2015-2020	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Meriva A	2003-2010	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Meriva B	2017-2023	IW-PSA-YISO	Need to check, can be other Opel connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mokka	2012-2016	IW-BMW-YISO	Need to check, can be other Opel connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mokka	2016-2022	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mokka e	2022-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Movano B	2010-2015	IW-REN-YISO	Need to check, can be other BMW connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Signum	2005-2008	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tigra	2004-2009	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vectra TC	2004-2008	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vivaro A TA	2001-2006	IW-BMW-YISO	Need to check, can be other Opel connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vivaro B	2006-2010	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vivaro II	2014-2019	IW-REN-YISO	Need to check, can be other PSA connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Vivaro II VU	2014-2019	IW-REN-YISO	Need to check, can be other PSA connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Vivaro III VU	2019-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Zafira A	199-2005	No		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Zafira facelift	2005-2014	IW-BMW-YISO	Need to check, can be other Opel connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Zafira B	2014-2019	IW-REN-YISO	Need to check, can be other PSA connector	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Zafira Life	2019-	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
		<b>Years</b>	<b>Harness Head Unit</b>							
Peugeot	107	2012-2014	IW-BMW-YISO	Need to check, can be iso connector	ok	IMPULSE 4.320		IW IMP 2.2	IW IMP 2.1	
	108	2014-2021	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	206	1998-2003	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	206 phase 2	2003-2009	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	206+	2009-2013	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	207	2009-2012	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	207 CC	2007-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	207+	2012-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	208 3 Doors	2012-2016	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	208 3 Doors	2016-2019	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	208 5 Doors	2012-2016	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	208 5 Doors	2016-2019	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	208 II 5 Doors	2019-2023	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	208 II 5 Doors	2024-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	E 208 II 5 Doors	2019-2023	IW-PSA-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	E 208 II 5 Doors	2024-	no	No new connectors	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	301	2012-2022	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	307	2001-2005	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	307	2005-2007	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	







	Megane IV Zen/Intens/GT		2016-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Megane E tech		2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Modus		2004-2012	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scenic II		2003-2009	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scenic III		2009-2016	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scenic IV Intens		2016-2023	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scenic IV Life/Zen/Business		2016-2023	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Scenic V E-tech		2024-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Taliant		2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Talisman		2015-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Talisman Estate grand tour		2015-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Trafic III		2014-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Trafic III VU		2014-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Twingo II		2007-2014	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Twingo III		2014-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vel Satis		2005-2009	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Wind		2010-2014	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Zoé		2012-2017	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
				<b>Harness Head Unit</b>							
<b>Rolls-Royce</b>	Cullinan	RR31	2017-2023								
	Dawn	RR6	2015-2019								
	Drophead		2007-2016								
	Ghost	RR4	2008-2020								
	Ghost II		2020-2023								
	Phantom	RR1	2003-2016								
	Phantom Coupe		2007-2012								
	Phantom	RR11	2018-2023								
Wraith	RR5	2012-2023									
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Samsung</b>	Qm3		2013-2019	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Qm6		2016-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sm3		2009-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sm5		2015-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sm6		2016-	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Sm7		2012-2018	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Xm3		2021-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Smart</b>	Forfour	1g 454	2004-2006	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Forfour 4 Doors		2014-2022	IW-REN-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fortwo		2014-2023	IW-REN-YISO		ok	IMPULSE 4.320		IW IMP 2.2	IW IMP 2.1	
	Fortwo EV Electric		2016-2023	IW-REN-YISO		ok	IMPULSE 4.320		IW IMP 2.2	IW IMP 2.1	
	Fortwo brabus no jbl		2014-2023	IW-REN-YISO		ok	IMPULSE 4.320		IW IMP 2.2	IW IMP 2.1	
	Fortwo Cabriolet		2014-2023	IW-REN-YISO		ok	IMPULSE 4.320		IW IMP 2.2	IW IMP 2.1	
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Seat</b>	Alhambra I		1996-2010	NO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Alhambra II		2010-2020	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Alhambra II face lift		2016-2020	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Altea	5P-5PN	2004-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Altea xl	5P-5PN	2006-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Arona		2018-2022	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Arosa	6H-6HS	1997-2004	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ateca		2016-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Cordoba I		1993-2002	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Cordoba II		2002-2009	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Exeo		2009-2014	IW-BMW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ibiza III	6 L	2001-2008	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ibiza IV	6 J	2008-2017	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Ibiza V	6 V/ F	2018-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	

	Leon I	1M	2000-2005	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Leon II	1P	2006-2012	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Leon III	5F	2012-2019	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Leon IV		2020-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Mii	AA-AAN	2012-2020	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Toledo II	1M	1999-2004	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Toledo III		2004-2009	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Toledo IV		2012-2019	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Tarraco		2016-2023	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Subaru</b>	Ascent		2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Brz		2012-2021	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Brz II		2021-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Crosstrek XV		2013-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Crosstrek XV		2018-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	XV e-boxer		2019-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Forester III		2008-2013			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Forester IV		2016-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Forester V		2018-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Impreza III		2007-2014	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Impreza IV		2014-2019	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Impreza V		2019-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Legacy V		2009-2014			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Legacy VI		2015-2019			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Legacy VII		2020-2022			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Levorg		2014-2020			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Levorg II		2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Outback IV		2012-2014	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Outback V		2015-2019	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Outback VI		2019-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Solterra		2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Wrx /sti		2014-2017			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Wrx /sti VA		2018-2021	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
Wrx /sti		2022-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1		
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Suzuki</b>	Across		2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Swace		2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Landy		2022-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Vitara		2020-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Scion</b>	FRS		2012-2016			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IA		2015-2018			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IQ		2008-2015			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	IM		2016-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	TC		2004-2016			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	XA		2004-2009			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	XB		2004-2015			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	XD		2009-2014			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
			<b>Years</b>	<b>Harness Head Unit</b>							
<b>Skoda</b>	Citygo	AA-AAN	2012-2020	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Enyaq iv		2022-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Enyaq iv coupe		2022-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fabia I		1999-2007	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fabia II	5J	2007-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fabia III		2014-2021	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
	Fabia IV		2021-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	



Camry VI	2006-2011	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Camry VII	2011-2017	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Camry VIII	2017-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Celica	2000-2005	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Commuter	2019-	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla IX/ X Verso	2001-2012	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla XI	2013-2018	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla XII	2019-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla Axio	2019-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla cross	2019-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla GR	2022-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla Hatchback	2019-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla Touring	2019-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Corolla quest	2019-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Crown kluger	2018-2022		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Crown XV	2018-2022		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Crown XVI suv	2022-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Crown suv	2012-2016	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Echo	2000-2005		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Esquire	2014-2021		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Etios Liva	2012-2018		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Fj Cruiser	2006-2018		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Fortuner I	2004-2019	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Fortuner II	2019-2023	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Fortuner III	2023-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Fortuner I	2004-2019	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Fortuner II	2019-2023	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Frontlander	2022-	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Glanza	2022-	no	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
GT86	2012-2016	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
GT86 II	2016-2021	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
GR86	2022-	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Harrier II	1998-2013		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Harrier III	2013-2020	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Harrier IV	2021-	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Hi-ace VI grandia tourer	2019-	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Highlander	2001-2007	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Highlander III / IV	2008-2019	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Highlander IV	2020-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Hilux 7/8 gen	2006-2019	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Hilux IX	2020-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Hilux 7/8 gen	2006-2019	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Hilux IX	2020-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Innova II	2015-2022		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Innova III AG10	2022-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Innova crysta	2016-2023		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Innova hypercross	2022-		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
IQ	2009-2015	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Izoa	2018-	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Kluger	2020-	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Land Cruiser 100 series	2003-2007	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Land Cruiser 200 series	2008-2021	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Land Cruiser 300 series	2021-	Need control	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Land Cruiser 400 series	2024-	Need control	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Legend	2019-2023	IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Levin	2018-2022	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Matrix	2002-2014	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Mirai	2015-2022	IW-TOY-YISO	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
MR2	1997-2007		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1
Nav 1	2012-2017		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1

Noah X		2018-			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passo		2016-2023			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prado		2024-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius C		2012-2021	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius C crossover		2018-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius v +		2012-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius I		2001-2005	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius II		2004-2009	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius III		2009-2016	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius IV		2016-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Prius V		2023-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Pro Ace	1G	2013-2016	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Pro Ace II		2017-	IW-TOY-YISO	Need to check, can be IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Pro Ace II Verso		2017-	IW-TOY-YISO	Need to check, can be IW-TOY-YISO-V2	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Raize		2021-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Rav 4		2001-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Rav 4		2019-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Revo		2019-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Rush		2022-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sequoia I		2001-2007	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sequoia II		2008-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sequoia III		2022-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sienna		1998-2004			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sienna II		2004-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sienna III		2004-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sienna IV		2021-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sienta		2015-2023	IW-TOY-YISO or V2	Need to check	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Solara I		1998-2003	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Solara II		2004-2009			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Supra		2019-	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sw4		2006-2023	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tacoma Double Cab		2005-2015	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tacoma Simple Cab		2005-2015	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tacoma		2016-2020	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tacoma		2020-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Truckmasters OX		2015-2023	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tundra II Double Cab		2000-2007			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tundra II Double Cab / 2 Doors		2007-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tundra II Double Cab / 4 Doors		2007-2021			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tundra III		2022-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Urban Cruiser		2009-2020	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Urban Cruiser		2009-2020	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Urban Cruiser		2020-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Vellfire Ah20		2008-2015	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Vellfire Ah30		2015-2022	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Veloz		2021-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Verso		2009-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Verso S		2010-2015	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Venza		2009-2017	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Venza		2020-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Vios		2005-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Voxy		2018-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Vitz		2005-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Wildlander		2019-	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Wigo		2012-2019	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Yaris /vitz		2005-2011	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Yaris /vitz		2009-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Yaris IA sedan		2015-2018	IW-TOY-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Yaris /vitz		2017-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Yaris		2021-	IW-TOY-YISO-V2		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	



Jetta VII		2015-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Lavida		2008-2018	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Lavida plus		2018-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Lamando		2014-2022	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Lamando II		2023-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Lupo	6E-6ES-6X	1998-2005	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Magotan		2013-2016			ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Magotan		2016-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Nivus		2020-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passat	B5	1996-2005	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passat	B6-B7	2005-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passat	B8	2015-2022	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passat	B9	2023-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passat CC		2008-2016	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Passat Variant	3B+ 3BG	1997-2005	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Phideon		2016-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Phaeton		2001-2010	ISO CONNECTOR	Direct connection without T harness	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Polo IV	9N 9N3	2001-2009	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Polo V	6R	2006-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Polo VI	6R 2G	2014-2017	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Polo VII	AW	2017-2023	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sagitar II and III		2010-	Need control		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Santana New		2012-2020	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Scirocco III		2008-2014	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Scirocco III					ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Facelift		2014-2017	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sharan		2000-2010	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sharan II		2010-2016	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Sharan II facelift		2010-2016	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
T5	Multivan	2003-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
T6	Multivan	2015-2018	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
T6.1	Multivan	2019-2023	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
T7	Multivan	2022-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Taos		2021-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tacqua		2019-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Taigo		2022-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Taigun	india	2021-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Talagon		2021-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Taramont		2017-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Taramont x		2020-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tarek		2018-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tavendor		2023-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tayron		2019-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tharu		2018-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tiguan I	5N	2007-2011	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tiguan I	Facelift	2011-2016	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tiguan II	5/7P allspace	2016-2024	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tiguan X		2022-2024	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Tiguan III	5/7P allspace	2024-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Touareg I		2002-2010	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Touareg II		2010-2017	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Touareg III	no dynaudio 3way	2018-	IW-VW-YISO		ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Touran	1T	2003-2010	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	
Touran II	2T	2011-2015	IW-BMW-YISO	Universal Fakra	ok	IMPULSE 4.320	IW IMP EXT 150	IW IMP 2.2	IW IMP 2.1	

























