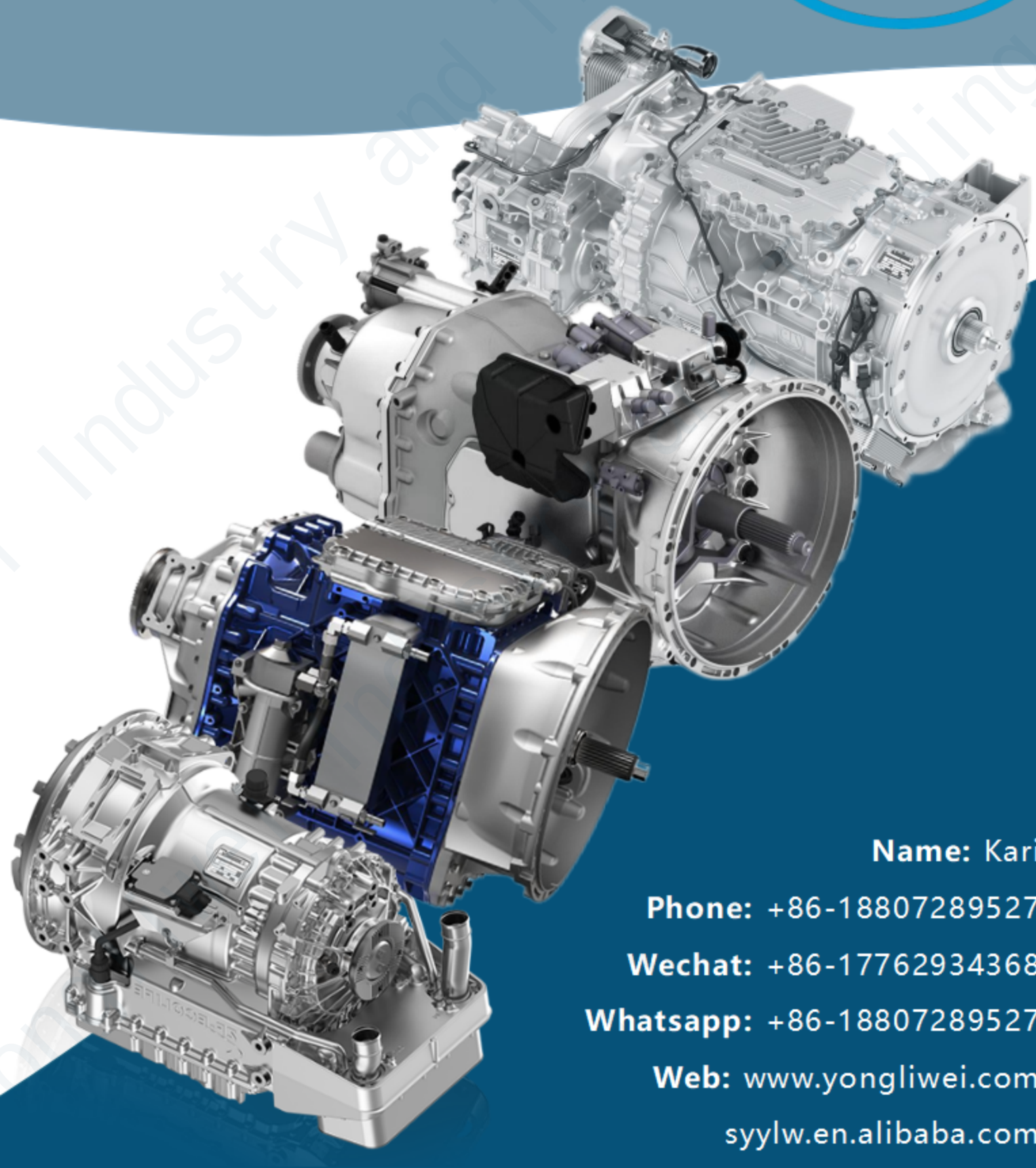
Yongliwei



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About US

Shiyan Yongliwei Industry and Trading Co., Ltd. is a modern enterprise integrating design, development, production and sales of gearbox assembly and gearbox parts. Our company was founded in Hubei province, China, and has been specialized the truck gearboxes in Chinese offline market for 21 years. Our parts are the leader of gearboxes area in the China now.

Shiyan Yongliwei is focusing on creating high quality, high technology and high standard gearboxes and its parts. Gearboxes assembly include brand **ZF, Eaton, FAST, Allison, DONGFENG, DC, Benz, Volvo, Faw, WLY, QJ, Sinotruk, JAC, Voith, etc.**

Gearboxes parts include tansmission **housing, clutch, shaft, gear, synchronizer, sensor, bearings, wire harness, shift mechanism, gear selection module, repair kits, radiator, filter, retarder, booster, transfercase, PTO, TCM/TCU, etc.**

Our products have been exported to more than 50 countries and regions such as Russia, Korea, Chile, Kazakhstan, USA, Ecuador, Turkey Iran, Africa, Latin America, etc., and have been unanimously recognized by customers.

Cooperative brands

Main market / Country

Deutsch Português Español Français Italiano Русский 한국어 日本語 اللغة العربية ภาษาไทย tiếng Việt Türk Nederlands Indonesian עברית हिंदी

Transmission Model Catalog

	4 speed	5 speed	6 speed	8 speed	9 speed	12 speed	16 speed
ZF	4 HP 500	5 S 328 TO	6 HP 502 C / 6 HP 504 C	8 S 180	9 S 75	12 AS 2001 BO	16 S 151
	4 HP 590	5 S 400 V	6 AP 1400 B		9 S 109 / 9 S 109 IT	12 TX 2211 TD	16 S 1620 / 16 S 1620 TD
		5 S 408	6 AP 1700 B		9 S 1110	12 AS 2330	16 S 1625
		5 HP 500	6 AP 2000 / 6 AP 2000 B		9 S 1310 / 9 AS 1310	12 TX 2420 / 12 TX 2420 TD	16 S 1650 / 16 S 1650 OD
		5 HP 590	6 S 85		9 S 1311	12 TX 2421 TD	16 S 181
			6 S 109		9 S 1315 / 9 S 1315 TO	12 AS 2540 / 12 AS 2540 TD	16 S 1850 / 16 S 1850 OD
			6 S 500 / 6 S 500 TO		9 S 1820 / 9 S 1820 TD	12 AS 2541	16 S 1950
			6 S 600 TO		9 S 1825	12 TX 2620 TD	16 S 2220 / 16 S 2220 TO
			6 S 1000 / 6S 1000 BO / 6S 1000 TO			12 TX 2621 / 12 TX 2621 TD	16 S 221 / 16 S 221 TO / 16 S 221 OD
			6 S 1005 / 6 S1005 TO				16 S 2230 / 16 S 2230 TO
			6 AS 1010 / 6 AS 1010 BO / 6 AS 1010 BD				16 S 2231 / 16 S 2231 TO
			6 S 1600 / 6 S 1600IT				16 T 2280
			6 S 1650B0				16 S 2333 TD
			6 S 1901				16 S 2530
			6 S 1911 / 6 S 1911 BO				16 S 2531 / 16 S 2531 TO / 16 S 2531 TD

S: synchromesh transmission (manual)

AS: automatic transmission system

AP: automatic powershift transmission

TX: TraXon

CX: Electric Central Drive CeTrax

HP: with Hydraulic converter and Planetary gearsets transmission

IT: Intarder

BO: Bus Overdrive

BD: Bus Direct drive

TO: Truck Overdrive

TD: Truck Direct Drive

OD: Over Drive

T = Truck

P = Pickup

V = Van

L = Long-distance

Transmission Model Catalog

	4 speed	5 speed	6 speed	7 speed	8 speed	9 speed	10 speed	12 speed	16 speed	20 speed
Fast	4E50	5J30T-B	6E240	7DS100	8JS75C	9JS119T-B	10JS90A	12JS160T(A)	F16JZ22	20JSX200(A/B)
	4E100	5J38T	6DS40T	7DS118	8JS75TE	9JS119(A)	10JSD120T(A)	12JS180T(A)	F16JZ26	
		5J40T	6DS40TB-D		8JS85E	9JS150T-B	10JSD140T(A/B)	12JSD180T	F16JZ28	
		5J55TA	6DS50T		8JS85F	9JS150TA-B	10JSD160T(A)	12JSDX160T	16JS168TA	
		5J-90	6DS60T		8JS85T(C/E)	9JS180T	10JSD180T(A)	12JSDX180T	16JSD180T	
		5J100T	6DS80T		8JS85E-C	9JS200T(A)	SF10J180TA	12JSDX200T	16JSD200T	
		FH400B	6DS95T		8JS100TA	9JS240T		12JZSD180	16JZSD200(A)	
		5DS40T	6DS100T		8JS105T(A)	FC8A120		12JS200T(A)	16JSD240T	
		5DS50T	C6DSXL110T		8JS118TB-B	C9JSQXL110T		12JSD200TA	SF16JZ260	
		5DS60T	6DS130T		8JS118（A）	RT-11509C		12JSDX220T-B	16JSDX240T	
		5DS70T	6DS150T(A/B/C/D/E)		8JS118TC-B	RTD-11509C		12JSDX240	C16JZSDQXL220	
		5DS80T	6DS160T(A/B/C/D/E)		8JS125T(A)			C12JSDQXL220T	C16JZSDQXL220T(A)	
		5DS90T	6DZS180		SF8J130T(A)			C12JSDQXL260TA	C16JSDQXL240T(A)	
		5DS120T	6DS180T(A/B/C/D/E)		8JS160T(A)			SF12J240T	C16JZSDQXL240A	
		5DS70B	6DS200T(A/B/C/D/E)		RT-11509G			SF12J260T	C16JSDQXL250TA	
		5DS80B	C6DSXL80T						C16JSDQXL260TA	
		5HS90T	C6J50T							
			6J60T							
			C6J70T							
			C6J75T							
			6J80T							
			6J85TA							
			F6J95TA							
			FC6A140							
			FC6A180							
			FC6A210							
			FC6A250							

Applicable to **Engineering Vehicles, Cars, Van, Bus, Excavator, Tractor, Light / Medium / Heavy Trucks, New Energy trucks, etc.**

Transmission Model Catalog

	5 speed	6 speed	8 speed	9 speed	10 speed	14 speed
Dongfeng	DF5S300	DF6S550	DF8S900	9S1600/T	EQ1061	DT1420
	DF5S360	DF6S675(HF)	DF8S1000			DF14S2200
	DF5S420	DF6S750	DF8S1200			
	DF5S470(HF)	DF6S900				
	DF5S550(HF)	DF6S1100				
	DF5S600					
	DF5S750					
	DF5S1050					
	EQ140					

	6 speed
Allison	Allison 3000
	Allison 4000
	Allison T270
	Allison 1000

	6 speed	7 speed	10 speed	12 speed
Datong	DC6J65T	DC7J80T	17A109-00020-A	17G0A3-55
	DC6J65TA	DC7J100T		DC12J150T
	DC6J65TH	DC7J120T		
	DC6J55TH	DC7J120TA		
	DC6J70T	DC7J120TL		
	DC6J95T			

	9 speed	14 speed
VOLVO	UT2009B	VT2214B
		DT14

Transmission Model Catalog

WLY	5 speed	6 speed	8 speed	9 speed	12 speed
	WLY140	WLY646	WLY8118	WLY9150C	WLY12S160T
	WLY145	WLY651	WLY8118A	WLY9150F	WLY12S160TA
	WLY520	WLY653			
	WLY521	WLY665			
	WLY525	WLY690			
	WLY526	WLY670			
	WLY528	WLY672			
	WLY530				
	WLY532				
	WLY535				
	WLY540				
	WLY541				
	WLY545				
	WLY556				

Qijiang	5 speed	6 speed	8 speed
	5S500	S6-100	QJ805
	5S-111GP	6S-100	
		6S-150	
		QJ6S-90	

FAW	5 speed	9 speed	10 speed	12 speed
	CA5-75A56	CA9TA	CA10TA	CA12TA

Eaton	6 speed	9 speed	10 speed	13 speed
	FS6406A	RT-11909A	RTX-11710B	ETO-20013
	FSO6406A	RT-16109A	RT14710B	ET-20013
	EH-8E860A-CD	RT18109A	RTAO-14710B-AC	
	E11-8E860A-CD	ET-16109A	FO-16E310C-LAS	
		ETO-16109A	FRF-9210B	
		ETO-18109A	MRT-11710B	
		ETO-20109A		

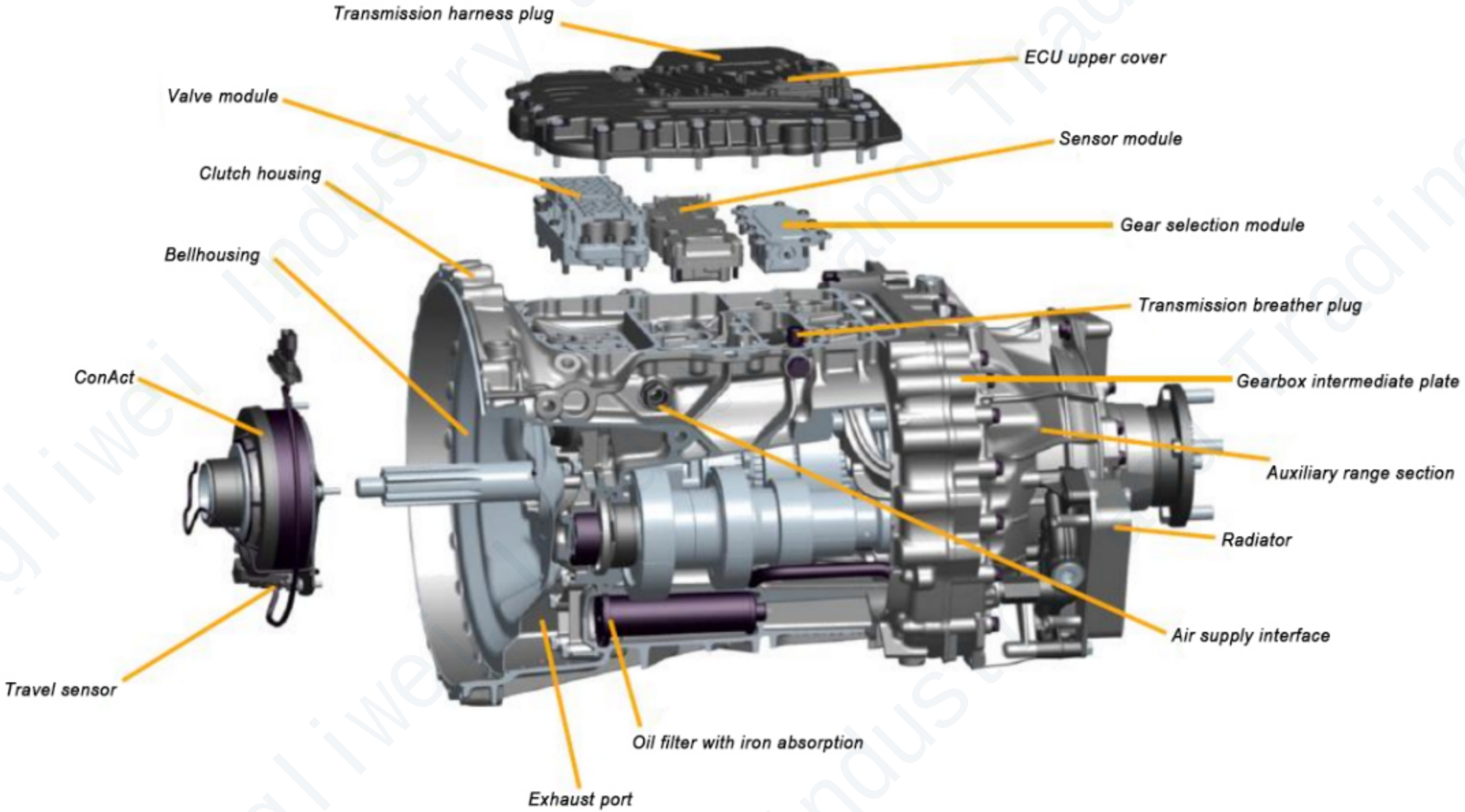
Voith	5 speed
	Voith Turbo 864.3E B4VT2R2-8.5E

JAC	6 speed
	LC6T55(A2Q35)

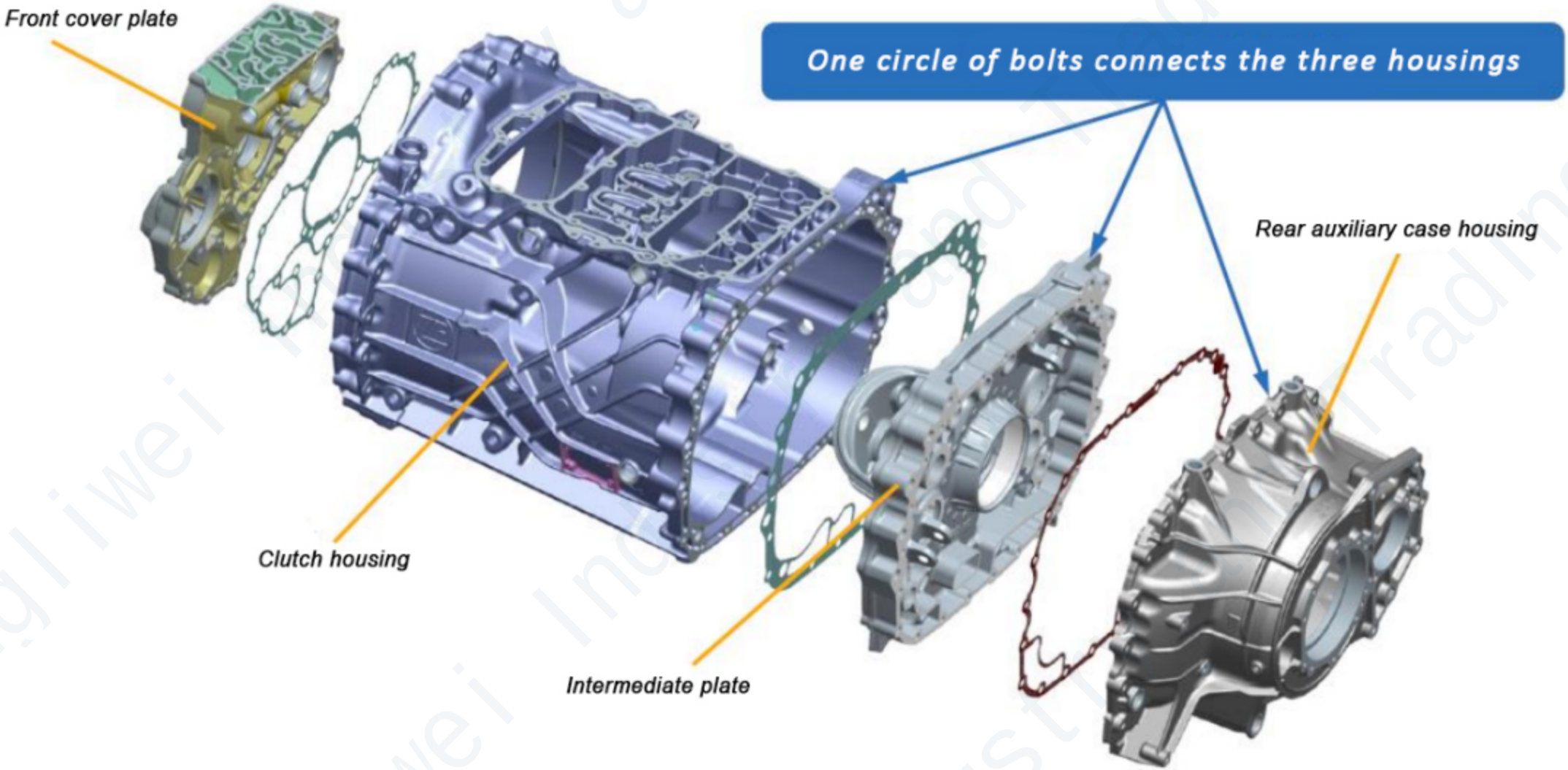
Sinotuck	10 speed	12 speed	16 speed
	HW90710101281	HW12710C	HW16706KT

Dymos	5 speed
	T10DS5CR

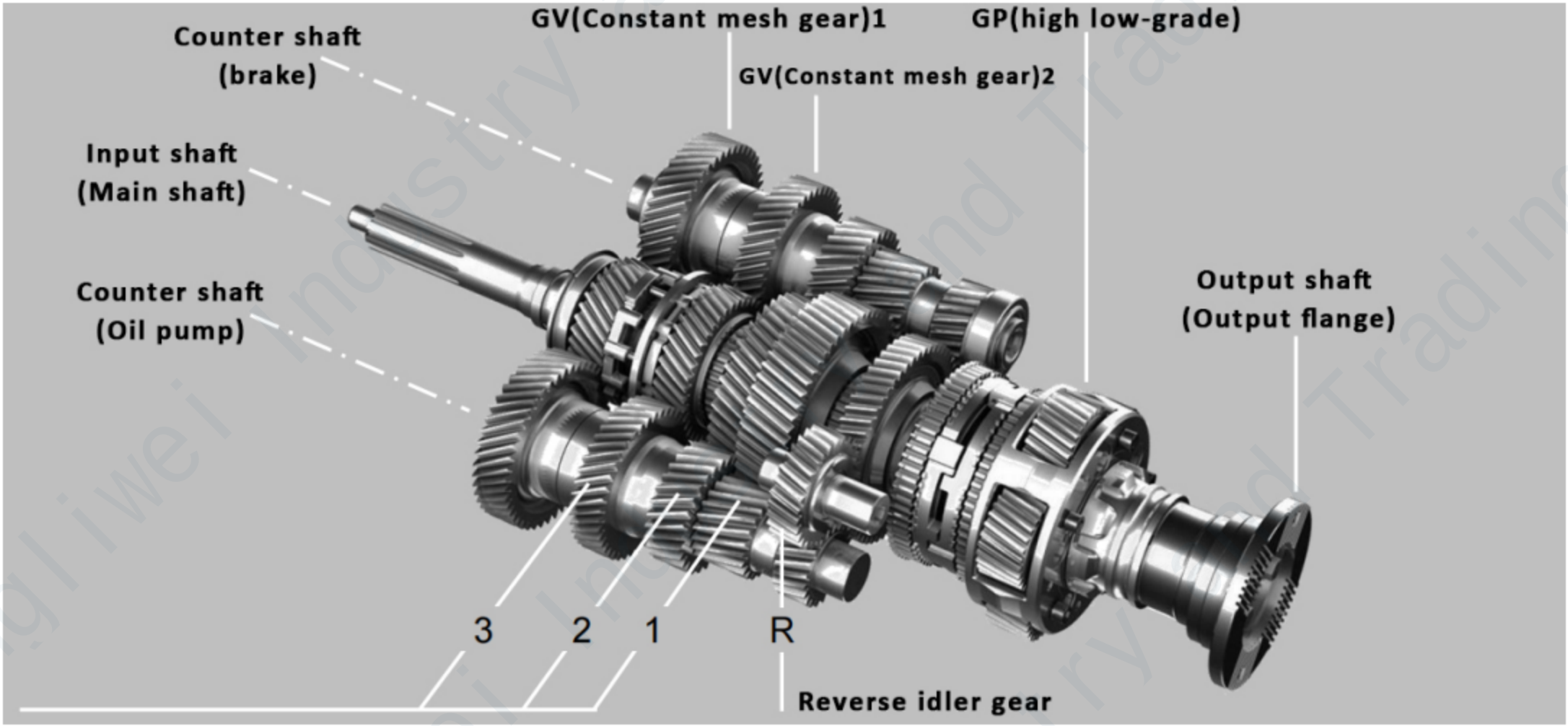
Automatic Gearbox Parts



Gearbox Housing Type



Internal Structure of Gearbox



Note: Different gearboxes have different internal gear and shaft structures. The above figure is for reference only.

Transmission Part Name List

Select the Transmission Parts You Need		
Input Shaft	Clutch	Clutch Housing
Counter Shaft	Clutch Packs	Clutch Bell Housing
Output Shaft	Clutch Pedal	Intarder Housing
Planet Shaft	Clutch Disc	Reducer Casing
Gear Shift Shaft	Clutch Plate	Gearbox Housing
Reverse Idler Shaft	Clutch Fork	Bearing Housing
Drive Shaft	1St/2Nd/3Rd/4Th..Gear	Output Shaft Housing
Fork Shaft	Constant Mesh Gear	Selector Housing
Selector Shaft	Sun Gear	Sealing Ring
Release Shaft	Reverse Idler Gear	Sealing Washer
Gear Selector Fork	Drive Gear	Steering Mechanism
Relay Lever	Planetary Gear Set	Steering Pump
Gear Lever	Selector	Valve Module
Selector Rod	Selector Actuator	Sensor Module
Universal Joint Flange	Oil/Water Heat Exchanger	Selction Module
Input Flange	Oil Colling Plate	Cab Control Module
Output Flange	Oil Seals	Speed Sensor
Gearshift Flange	Oil Pan	Temperature Sensor
Syncronizing Cone	Oil Pump	Position Sensor
Synchronizer Ring	Valve	Pressure Sensor
Synchronizer Body	O-Ring	Bearing
Synchronizer Gear Sleeve	U-Ring	Spring
ECU	Reducer	Filter
PTO	Intarder	Flywheel
TCU/TCM	Transfer Gearbox	Piston
Repair Kit	Torque Converter	Gasket

Contact us with the part number and gearbox number you need.

Welcome to order Gearbox & parts!

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