

TWD1630G

PART NO.	QTY	DESCRIPTION	SEE SEC.	NOTES
	6	Cylinder liner kit	646	SN-2160022233. Replaced by conversion kit 3826321.. Rebuilt engines are marked with two punch marks after the serial number.
	6	• Cylinder liner		
270935	6	• Sealing ring kit		
	6	• • Sealing ring		
	6	• • Sealing ring		
	12	• • Sealing ring		
	6	• • Sealing ring		
	6	• Piston		
3826935	6	• Piston ring kit		
	6	• • Compression ring		
	6	• • Compression ring		
	6	• • Oil scraper ring		
1556940	6	• Piston pin		L=120mm
914532	12	• Snap ring		
3826321	1	Conversion kit	646	SN-2160022233. Rebuilt engines are marked with two punch marks after the serial number.
		Bulletin 47-05	47-05-EN	New Piston & Piston Rings
3830285	6	• Cylinder liner kit		
1556319	6	• Connecting rod		
3826320	6	Cylinder liner kit	646	SN2160022234-. Rebuilt engines are marked with two punch marks after the serial number.. Replaced by 3830285.
		Bulletin 47-05	47-05-EN	New Piston & Piston Rings
3830285	6	Cylinder liner kit		
	6	• Cylinder liner		
270935	6	• Sealing ring kit		
	6	• • Sealing ring		
	6	• • Sealing ring		
	12	• • Sealing ring		
	6	• • Sealing ring		
	6	• Piston		
3837146	6	• Piston ring kit		(876831)
	6	• • Compression ring		
	6	• • Compression ring		
	6	• • Oil scraper ring		
1556939	6	• Piston pin		L=115mm
914532	6	• Snap ring		
270792	7	Main bearing kit	646	STD D
270793	7	Main bearing kit		0,25mm U.S
270794	7	Main bearing kit		0,50mm U.S
270795	7	Main bearing kit		0,75mm U.D
270929	1	Thrust washer kit	646	STD D
270930	1	Thrust washer kit		0,10mm O.S
270931	1	Thrust washer kit		O.S=0,20mm
270932	1	Thrust washer kit		0,30mm OVER SIZE
270796	6	Big end bearing kit	646	STD D
270797	6	Big end bearing kit		0,25mm U.S
270798	6	Big end bearing kit		0,50mm U.S
270799	6	Big end bearing kit		0,75mm U.D
876838	1	Gasket kit	481	Gasket kits mounting injector and valve adjustment replace gasket kit additional decarbonizing.
		Mounting injector		
1543751	6	• Sealing ring		
947620	19	• Gasket		

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876839	1	Gasket kit	481	Only together with 1 ea gasket kit 876838.. Gasket kits mounting injector and valve adjustment replace gasket kit additional decarbonizing.
		Valve adjustment		
1543581	6	• Gasket		
1543582	6	• Damping ring		
276924	6	Gasket kit, cylinder head	481	(271085)
1543576	6	• Sealing ring		
1543566	12	• Sealing ring		
1543580	12	• Sealing ring		
876716	1	Gasket kit		Gasket kits mounting injector and valve adjustment replace gasket kit additional decarbonizing.
		Additional decarbonizing		
947620	19	• Gasket		
1543574	6	• O-ring		
1543581	6	• Gasket		
1543582	6	• Damping ring		
1543751	6	• Sealing ring		
876170	1	Gasket kit		
		Additional recondition		
1543566	16	• Sealing ring		
1543576	8	• Sealing ring		
1546221	1	• Sealing ring		
469606	7	• Sealing ring		(1556388)
968971	1	• O-ring		
471321	1	• Sealing ring		
1275379	1	• Gasket		
975610	2	• O-ring		
468094	1	• Sealing ring		
947624	3	• Gasket		
955974	6	• O-ring		
18813	1	• Gasket		
468947	1	• Sealing ring		
3827274	1	• Gasket		
421158	1	• Sealing ring		
1543578	1	• Sealing ring		
949659	1	• O-ring		
955981	6	• O-ring		
1543572	12	• Sealing ring		
969011	20	• Gasket		
947620	19	• Gasket		
947281	2	• Gasket		
925096	1	• O-ring		
925266	1	• O-ring		
1556397	1	• Sealing ring		
1543577	13	• Sealing ring		
1543579	3	• Sealing ring		
1543580	14	• Sealing ring		
1543172	1	• Sealing ring		
1544710	2	• Sealing ring		
1544410	2	• Sealing ring		
925255	1	• O-ring		
469846	1	• Sealing ring		
957178	1	• Gasket		
11998	2	• Gasket		
945512	1	• O-ring		
949722	1	• O-ring		
3825886	2	• Gasket		
1556389	1	• Sealing ring		

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PART NO.	QTY	DESCRIPTION	SEE SEC.	NOTES
876171	1	Gasket kit, inlet pipe	426	
469662	2	• Gasket		
425695	2	• O-ring		(469668)
469662	1	• Gasket		
949332	2	• O-ring		
848163	3	• Gasket		
469982	1	• Sealing ring		
876172	1	Gasket kit, exhaust manifold	424	
1543172	6	• Sealing ring		
470323	4	• Sealing ring		
8130038	6	• Gasket		
876715	1	Gasket kit Connection, turbo		
420641	1	• Gasket		
424618	2	• Gasket		
469508	1	• Sealing ring		
3825197	1	• Sealing ring		
470939	1	• Gasket		(864859)
945512	1	• O-ring		
947624	1	• Gasket		
1542783	1	• Sealing ring		
1543360	1	• Gasket		
1697975	1	Repair kit, turbo	449	
	10	• Lock washer		
	4	• Lock ring		
	2	• Bearing		
	1	• Lock ring		
	1	• O-ring		
	1	• Sleeve		
	1	• Bearing		
	1	• Lock ring		
	1	• Nut		
276150	1	Overhaul kit, oil pump	404	
	1	• Shaftwith gear		
	1	• Shaftwith gear		
1543531	4	• Bushing		
	1	Water pump kit		FOR 1543380,
			413	
1675920	1	• Shaft		
958811	1	• Sealing ring		(469749)
184744	1	• Ball bearing		
184743	1	• Roller bearing		
914537	1	• Lock ring		
70913	1	• Deflector		
1545283	1	• Sealing ring		
1543188	1	• Screw		
968784	3	• Set screw		
925096	1	• O-ring		
1556397	1	• Sealing ring		
1556412	1	• Ring		
1543172	1	• Sealing ring		
1543580	1	• Sealing ring		
1543577	1	• Sealing ring		
925255	1	• O-ring		
276636	1	Overhaul kit, water pump	SO	FOR 1556330
			1891	
968784	3	• Set screw		

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184744	1	• Ball bearing		
914537	1	• Lock ring		
1675920	1	• Shaft		
184743	1	• Roller bearing		
958811	1	• Sealing ring		
1676432	1	• Sealing ring		
1556331	1	• Impeller		
1543188	1	• Screw		
925096	1	• O-ring		
1543908	1	• Sealing ring		
925266	1	• O-ring		
276836	6	Copper sleeve kit, fuel injector	481	
	6	• Spray sleeve		
1543225	6	• Sealing ring		
1543606	6	• Ring		
1543574	6	• O-ring		