




Part number	Old part number	Picture	Beschreibung SW = Schlüsselweite	Description AF = width across flats	Kind of tool	CL	Emission level	Mandatory special tools to be purchased from DEUTZ	Mandatory special tools to be purchased from DEUTZ or specialized trade
01899093	8190		Drehwinkelscheibe mit Magnet Antrieb 1/2"	Rotation angle disc with magnet drive 1/2"	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
01899105	8510		Demontagewerkzeug Stiftschraube M10	Disassembly tool pin screw M10	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
01899106	8512		Demontagewerkzeug Stiftschraube M12	Disassembly tool pin screw M12	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
01899108	8538		Demontagewerkzeug Stiftschraube M8	Disassembly tool pin screw M8	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x

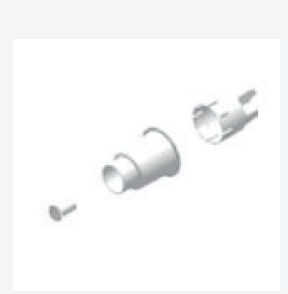
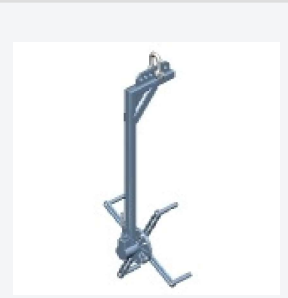
									
01899110	9017		De-/Montagehebel für Wellendichtring, Ventilfedern	Disassembly lever for remove radial seal ring, valve spring	Standard tool	2	Tier 2, Tier 3, Tier 4i, Tier 4f, Stage 5	x	
01899148	9208		Montagewerkzeug Stiftschraube M8	Assembly tool pin screw M8	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
01899149	9210		Montagewerkzeug Stiftschraube M10	Assembly tool pin screw M10	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
01899150	9212		Montagewerkzeug Stiftschraube M12	Assembly tool pin screw M12	Standard tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x

									
02700134	-		Verschlussstopfen/ Kappen	Stoppers/caps	Standard tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02700135	-		Verschlussstopfen/ Kappen	Stoppers/caps	Standard tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02700136	-		Verschlussstopfen/ Kappen (für Kraftstoff- Vorförderpumpe)	Stoppers/caps	Standard tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02992115	8018, 110550,		Klauenschlüssel SW 17 mm verstärkt	Claw wrench AF 17 mm reinforced	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage	x	

	01899044						5		
02992116	110560		Klauenschlüssel SW 19 mm verstärkt	Claw wrench AF 19 mm reinforced	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02992127	110901		Demontagewerkzeug (auch im Montagekoffer 02992126 enthalten)	Disassembly tool (removing O-ring)	Recommended tool	2	Tier 2, Tier 3, Tier 4i, Tier 4f, Stage 5		x
02992155	130300		Universal-Kolbenringzange	Piston ring pliers	Standard tool	3	Tier 2, Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02992294	150800		Gleithammer	Slide hammer	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x

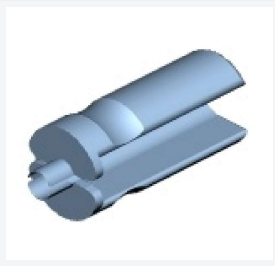
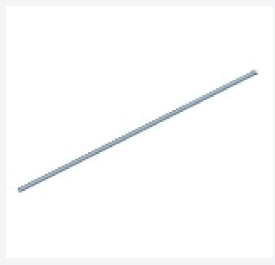


									
02993502	-		Messuhrhalter	Dial gauge holder	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993503	-		Durchdrehvorrichtung	Turning gear	Special tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993504	-		Spezialschlüssel SW 17	Special wrench AF 17	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
02993508	-		Adapter	Adapter	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5	x	

									
02993509	-		Demontagewerkzeug für Ausbau Injektor	Disassembly tool for removing the injector	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993510	-		Montagewerkzeug für Injektor	Assembly tool for injector	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993511	-		Zentrierdorn (Ersatzspitzen für Montagewerkzeug 02993510)	Centring pin	Special tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993512	-		Verschlussstopfen/ Kappen	Stoppers/caps	Standard tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	

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02993513	-		Verschlussstopfen/ Kappen (für Injektor)	Stoppers/caps (for injector)	Standard tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993515	-		Montagewerkzeug für Kurbelwellendichtring (schwungradseitig)	Assembly tool for crankshaft sealing ring (flywheel side)	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993516	-		Hebevorrichtung für Schwungrad	Lifting device for flywheel	Recommended tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
02993518	-		Montagebolzen M12x130 (für Schwungradgehäuse)	Assembly bolt M12x130 (for flywheel-housing)	Recommended tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x

									
02993519	-		Montagebolzen M16x180 (für Schwungrad)	Assembly bolt M16x180 (for flywheel)	Recommended tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
02993520	-		Kolbenringspannband	Piston ring compressor	Recommended tool	3	Tier 3, Tier 4i, Tier 4f, Stage 5		x
02993522	-		Ausziehwerkzeug für Zylinderlaufbuchse	Extracting tool for cylinder liner	Special tool	3	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993524	-		Montagewerkzeug für Ventilschaftdichtung	Assembly tool for valve stem seal	Special tool	3	Tier 3, Tier 4i, Tier 4f, Stage 5	x	


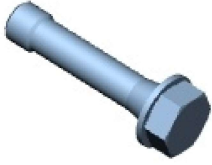
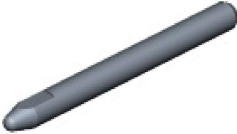
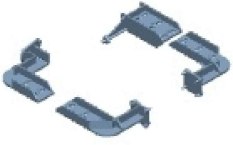
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02993525	-		Montagehülse für Ventilschaftdichtung	Assembly sleeve for valve stem seal	Special tool	3	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993527	-		Spezialschlüssel SW 19	Special wrench AF 19	Special tool	2	Tier 3, Tier 4i, Tier 4f, Stage 5		x
02993528	-		Verschlussstopfen/ Kappen (für Saugdrosselventil)	Stoppers/caps (for suction throttle valve)	Standard tool	1	Tier 3, Tier 4i, Tier 4f, Stage 5	x	
02993534			Entriegelungswerkzeug Quick Connector DEF-	Disconnecting tool Quick Connector DEF	Special tool	2	Tier 4f, Stage 5	x	

			Pumpe	pump					
02993535			Ablassschlauch gerade für Schmieröl und Kühlmittel	Drain hose straight, for lubricating oil and coolant	Special tool	1	Tier 4f, Stage 5		x
02993536			Ablassschlauch 90° für Schmieröl und Kühlmittel	Drain hose 90°, for lubricating oil and coolant	Special tool	1	Tier 4f, Stage 5		x
02993538	-		Durchdrehvorrichtung	Tuning gear	Special tool	1	Tier 0, Tier 4f, Stage 5	x	
02993539	-		Einpresswerkzeug für Kurbelwellendichtring Aggregateträgerseite	Mounting tool for crankshaft sealing ring from the unit carrier side	Special tool	2	Tier 0, Tier 4f, Stage 5	x	

									
02993541	-		Absteckdorn für Nockenwelle	Assembly mandrel for camshaft	Special tool	2	Tier 0, Tier 4f, Stage 5	x	
02993542	-		Absteckdorn für Kurbelwelle und Schwungrad	Assembly mandrel for crankshaft and flywheel	Special tool	2	Tier 0, Tier 4f, Stage 5	x	
02993548	-		Ausziehwerkzeug für Zylinderlaufbuchse	Extracting tool for cylinder liner	Special tool	3	Tier 0, Tier 4f, Stage 5	x	
02993549	-		Montagedorn M22 für Schwungrad	Assembly pin M22 for flywheel	Special tool	2	Tier 0, Tier 4f, Stage 5		x

									
02993550	-		Montagedorn für Zylinderkopf	Assembly pin for cylinder head	Special tool	2	Tier 0, Tier 4f, Stage 5		x
02993551	-		Montagewerkzeug für Dichtung Abgaskrümmer	Assembly tool for sealing exhaust manifold	Special tool	2	Tier 0, Tier 4f, Stage 5	x	
02993552	-		Montagewerkzeug für Dichtring Zylinderlaufbuchse	Assembly tool for sealing ring cylinder liner	Special tool	3	Tier 0, Tier 4f, Stage 5	x	
02993557	-		Einpresswerkzeug für Kurbelwellendichtring Aggregateträgerseite	Mounting tool for crankshaft sealing ring from the unit carrier side	Special tool	2	Tier 3, Tier 4f, Stage 5	x	

									
02993559	-		Montagewerkzeug Hydrostößel (Zentrierhilfe)	Assembly tool for hydraulic tappet (centering)	Special tool	3	Tier 0, Tier 4f, Stage 5	x	
02993573	-		Montagewerkzeug für Injektorhülse	assembly device for injector sleeve	Special tool	3	Tier 0, Tier 4f, Stage 5	x	
02993561	-		Ausziehvorrichtung für Injektoren	Extractor for injectors	Special tool	2	Tier 0, Tier 4f, Stage 5	x	
02993562	-		Ausziehwerkzeug Kurbelwellendichtring Schwungradseite	Extraction tool for crankshaft sealing flywheel side	Special tool	2	Tier 0, Tier 4f, Stage 5	x	

									
02993563	-		Laufbuchsenhalterung	Liner holder cylinder liner	Special tool	3	Tier 0, Tier 4f, Stage 5	x	
02993564	-		Montagedorn Drehschwingungsdämpfer	Assembly pin for torsion vibration damper	Special tool	2	Tier 3, Tier 4f, Stage 5		x
02993569	-		Adaptersatz (inkl. Schrauben)	Adapter set (screws included)	Special tool	2	Tier 3, Tier 4f, Stage 5		x
02993570	-		Adaptersatz (inkl. Schrauben)	Adapter set (screws included)	Special tool	2	Tier 3, Tier 4f, Stage 5		x

									
02993571	-		Adaptersatz (inkl. Schrauben)	Adapter set (screws included)	Special tool	2	Tier 3, Tier 4f, Stage 5		x
02993572	-		Laufbuchsenhalterung	Liner holder cylinder liner	Special tool	3	Tier 3, Tier 4f, Stage 5	x	
02993574	-		Montagewerkzeug (Hochdruck-Regelventil)	Assembly tool (high pressure valve)	Special tool	2	Tier 3, Tier 4f, Stage 5	x	