



نشرة تمييز  
2011 مايو

0013-IPDDB

تمييز IPD:

منتجات IPD لسلسلة محركات Caterpillar® من الفئة "C"

يشرح هذا المخطط تغطية واسعة النطاق من قطع غيار IPD لمجموعة تطبيقات محركات Caterpillar من السلسلة "C":

Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
												<b>ACCESSORY DRIVE &amp; PULLEY</b>
	1					3		3	1		2	BALL BEARING
						2	2		1			BOLT
1	1											GASKET
						1		1	1		1	LOCKWASHER
									1			NUT
1	2			1		3		2	1			OIL SEAL
						1		1				PLUG, PIPE
						1		1				REGULATOR
			2			1		1				SEAL
2	10		3			7		4	1		2	SEAL, O-RING
1	1			1		1		1	1			SPACER
1	1		1	1	1	2	1	1				WASHER, HARDENED

												<b>AIR LINES GROUP</b>
	1					2		2	2		3	BOLT
2	1					2		2				GASKET
						2		1				LOCKWASHER
						1						NUT
						1		1				PLUG, PIPE
		1	1	1	1	1		2	1		1	SEAL
15	8		9		7	14		4	6	2	8	SEAL, O-RING
								1				SEALING RING
1	1		1		1	4		1	1		1	WASHER, HARDENED

												<b>BALANCER &amp; DAMPER GROUP</b>
						1		1	1		1	BOLT
1	1											SEAL, O-RING
						2	1					VIBRATION DAMPER
						2						VIBRATION DAMPER W/OUT PLATE
1	1											WASHER, HARDENED

Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
<b>CAMSHAFT, LIFTERS, VALVE GROUP</b>												
										1	1	BOLT
										1	1	CAP ASSEMBLY, OIL
2	1	1		1		1						GASKET
		1		1		1						ISOLATOR
1	1	1	1	1	1	1				1	1	KEY, WOODRUFF
1	1	1	1	1	1	1						PLUG, CORE
1	3					1	1	1		2	2	SEAL
1	1											SEAL STOCK, BULK
2	2	1	1	1	1	7	3	5	4	2	5	SEAL, O-RING
										1	1	SPRING LIFTER GUIDE
										1	1	VALVE LIFTER
1	1	1	1	1	1	2				3	3	WASHER, HARDENED

<b>CONNECTING ROD &amp; PISTON GROUP</b>												
	1											BEARING KIT STD., CON ROD
		1										BEARING, CON ROD
1			1	1	1	2	1					BUSHING, CON ROD
1	1											BUSHING, PIN
						1	1					CON ROD BEARING .025
						1	1					CON ROD BEARING .050
			1	1	1	1						CON ROD BEARING .50MM
1			1	1	1	2		1				CON ROD BEARING STD
1												CON ROD BRG .25MM
1												CON ROD BRG .50MM
						1	1					CON ROD BRG STD GROOVED
						2						CROWN IPD STEEL
1												CROWN IPDSTEEL
1												CROWN, 50MM IPDSTEEL
						1						CYLINDER KIT IPDSTEEL PISTON
						1						CYLINDER KIT, IPDSTEEL PISTON
						2						PISTON & LINER ASSEMBLY
				3		1						PISTON & LINER GROUP
1												PISTON KIT, .50MM
1												PISTON KIT, STD
2	1					3	1	1	1		1	PISTON PIN
				1		1						PISTON PIN ASSEMBLY
			1			3						PISTON RING
				1		1						PISTON RING, COMPRESSION
1	2			1		5			1			PISTON RING, INTERMEDIATE
1												PISTON RING, INTERMEDIATE .50MM
1	2		1	2	1	4			1			PISTON RING, OIL CONTROL

Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
												<b>CONNECTING ROD &amp; PISTON GROUP</b>
1												PISTON RING, OIL CONTROL .50MM
1	2					5			1			PISTON RING, TOP
1												PISTON RING, TOP .50MM
	1			1		2						PISTON SKIRT
1												PISTON SKIRT, STD
1	1											RETAINER
1						3	1					RETAINER, PISTON PIN
1												SLEEVE, CYL SALVAGE

												<b>CRANKSHAFT &amp; BLOCK COMPONENTS</b>
						2	1	1	1	1	1	BAND FILLER
	1		1		1	1		1				BEARING
	2	3		3		3						BEARING SLEEVE
						10	6	5	8	2	6	BOLT
2	1								2	2	2	CAM BUSHING
	1											CLAMP, HOSE
1	1											CRANKSHAFT SEAL GROUP
	1											CYLINDER LINER
1	1											EXCLUDER SEAL
3	4	1	3	1	3	10	3	7	7	4	9	GASKET
1	2					2	1	2	1		1	GASKET, OIL PAN
									1	1	1	GASKET, PLATE
						1		1		1	1	GASKET, REAR COVER
						2	1	1				GASKET, SPACER PLATE
		1		1		1						GASKET-PAN
		1		1		1						ISOLATOR
1	1											KEY, WOODRUFF
	1					2	1		1			LINER O RING
		1	1	1	1	1						LINER SEAL
						2						LINER WITH SEALS, CREVICE TYPE
			1	1	1	3			1			LINER, CYL
						1		1				LOCKWASHER
						2	1	1	1	1	1	MAIN BEARING .025
						2	1	1	1	1	1	MAIN BEARING .050
1												MAIN BEARING .25MM
1												MAIN BEARING .25MM THRUST
1		2		2	2	2						MAIN BEARING .50MM
1												MAIN BEARING .50MM THRUST
	1											MAIN BEARING 0.25MM
1	1	2	2	2	2	2						MAIN BEARING STD
1												MAIN BEARING THRUST STD

Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
<b>CRANKSHAFT &amp; BLOCK COMPONENTS</b>												
1						2		1	1	1	1	MAIN BEARING, STD (DIESEL)
												OIL SEAL GROUP
						4	2	2	2	2	2	OIL SEAL GROUP, CRANKSHAFT
						1		1				PLUG
2	2	1	1	1	1	1			1	1	1	PLUG, CORE
								1	1			PLUG, PIPE
2	1	1		1		10	4	5	1	1	1	SEAL
1												SEAL GROUP
8	23	10	14	12	23	51	16	29	10	5	18	SEAL, O-RING
						2	1	1				SEAL-ISOLATION
						2	1	1				SPACER PLATE
	1	1	1	1	1	3	1	1	1	1	1	THRUST PLATE
						3	1	1	1	1	2	WASHER
1	1	1	2	1	2	5	2	2	1	1	1	WASHER, HARDENED

<b>CYLINDER HEAD COMPONENTS</b>												
		1		1		1						BASE, INJECTOR POSITIONING
						2	1	1	1		1	CAM BUSHING .010
						2	1	1	1		1	CAM BUSHING .030
						2	1	1	1		1	CAM BUSHING STD.
										1	1	GASKET .058"
		1		1		1						GASKET BASE
1	1	1		1		4	2	2	1		1	GASKET, CYLINDER HEAD
1		1		1		1						INJECTOR SLEEVE
1	1											INSERT, VALVE SEAT EXHAUST
	2											INSERT, VALVE SEAT INTAKE
										1	1	INSERT, VALVE SEAT, EXHAUST
										1	1	INSERT, VALVE SEAT, INTAKE
	1	1	1	1	1	4	2	2	2	2	2	PLUG, CORE
1	2											RETAINER, VALVE SPRING
1												RETAINER-SPRING
						2	1	1	1		1	ROTOCOIL
										1	1	ROTOCOIL W/SHIELD
2	1		1		1							SEAL
11	10		4		4	13	9	11	5	6	10	SEAL, O-RING
1	2		1		1	2	1	1	1		1	SEAL, VALVE STEM
						2	1	1	1	1	1	SEAL, WATER
	2											SEAT, VALVE
	3											SEAT, VALVE SPRING
1												SEAT-VALVE SPRING
										1	1	SHIELD



Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
												<b>FUEL RELATED COMPONENTS</b>
								1	1			LOCKWASHER
						2					1	NUT
	1											PUMP GROUP, FUEL HAND PRIMING
								1				SCREW
3	3	1	2	1	2	5		2	4	1	4	SEAL
18	23	13	16	13	17	30	9	17	13	4	12	SEAL, O-RING
			1		1	1		1				SPACER
1	2	1	2	1	2	4	2	2	2	1	2	WASHER, HARDENED

												<b>GASKET KITS</b>
	1			2								CYLINDER HEAD REPLACEMENT SET
						1						FRONT STRUCTURE
		1		3		5						GASKET SET, AIR COMPRESSOR
						2						GASKET SET, BRAKE SAVER
				1		1		1				GASKET SET, CENTRAL & LOWER
				2								GASKET SET, CYL BLOCK/OIL PAN
						1						GASKET SET, CYLINDER HEAD REPLACEMENT
				3		2						GASKET SET, FRONT COVER
	6			7		5						GASKET SET, FUEL SYSTEM
	1			1								GASKET SET, OIL COOLER
	3			5		3		1				GASKET SET, OIL COOLER & LINES
				1								GASKET SET, OIL COOLER/LINES
	1			1								GASKET SET, OIL PUMP
						1						GASKET SET, REAR COVER
	1			1								GASKET SET, REAR COVER/HSG
	1			1		1						GASKET SET, REAR STRUCTURE
	1			2		3		1				GASKET SET, SINGLE CYL HEAD
				1		1						GASKET SET, SINGLE CYL LINER
	2			2		1						GASKET SET, SINGLE CYLINDER HEAD
				1		1						GASKET SET, SINGLE FUEL INJ
	1			1								GASKET SET, SINGLE FUEL INJ.
	3			3		5		1				GASKET SET, TURBO MOUNTING
	3			4		2		1				GASKET SET, WATER PUMP
	1			1								GASKET SET, CYL BLOCK/OIL PAN
	1			1								GASKET SET, FRONT COVER/HSG
	1			1								GASKET SET, TURBO MOUNTING
	1			7		2						IN-FRAME OH KIT
						2						OUT-OF-FRAME OVERHAUL SET
						1		1				SINGLE FUEL INJECTOR KIT

Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
<b>HOUSING &amp; REGULATOR GROUP</b>												
4	2					1						GASKET
1												PLUG, CORE
	2											REGULATOR
	1					1						SEAL
5	2					2						SEAL, O-RING
	1											SEAL, THERMOSTAT
1						2						WASHER, HARDENED

<b>IN &amp; OUT OF FRAME KITS</b>												
						1						IF NO SKIRT PIN THRUST
				7		2						IN-FRAME KIT IPD STEEL PISTON
												IN-FRAME KIT IPD STEEL PISTON & CS
						2						LINER
						2						IN-FRAME OH KIT W/O CROWN
						2						OUT OF FRAME KIT IPD STEEL PISTON
												OUT OF FRAME KIT IPD STEEL PISTON &
						2						CS LINER
						2						OUT OF FRAME OH KIT W/O CROWN

<b>OIL COOLER &amp; FILTERS</b>												
			1			8	2	6	2	1	3	BOLT
	1					1		1	1		1	CAP ASSEMBLY, OIL
1										1	1	ENGINE OIL COOLER
2	3		1		1	3	2	4	3	2	7	GASKET
								1				KEY, WOODRUFF
						1		1	1		1	LOCKWASHER
									1			NUT
		1		1		2	1	1				PLUG, CORE
1					1	1		1		1	1	PLUG, PIPE
									1		1	RING
2		2	2	2	2	2		2			1	SEAL
19	22	8	11	10	18	40	8	28	10	7	16	SEAL, O-RING
	1		1		1							WASHER
1	1	1	1	1	1	5	2	3	1	1	1	WASHER, HARDENED
1												WASHER, SEALING

<b>OIL PUMP GROUP</b>												
1												BEARING SLEEVE
						3	2	2	2	2	2	BEARING, OIL PUMP
						5	1	1	1			BOLT
1												GASKET
						2	1	1				PLUNGER

Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
												<b>OIL PUMP GROUP</b>
1												PUMP GROUP, ENGINE OIL
		5	5	5	8	5						SEAL, O-RING
						4	2	2				SHAFT, ENGINE OIL PUMP
						2	1	1	1	1	1	SPRING
1	1	1	1	1	1	3	1	1	1	1	1	WASHER, HARDENED

												<b>REAR GEAR GROUP</b>
	1		2		1	1		1				BEARING
1	1	1	1	1	1							BEARING, OIL PUMP DRIVE
						2		1	2		2	BOLT
1	1	1	1	1	1							BUSHING, IDLER GEAR
			1			1		1				GASKET
									1		1	KEY, WOODRUFF
									1		1	LOCK
	1	1	1	1	1							SEAL, LIP TYPE
1	10	10	11	10	10	5		7	9		7	SEAL, O-RING
	1	1	1	1	1	1		1		1	2	WASHER, HARDENED
								1	1		1	WEAR SLEEVE

												<b>TURBOCHARGER &amp; COMPONENTS</b>
				1		5	3	4	2	2	7	BOLT
									1			CAM BUSHING STD.
7	5	8	2	9	3	12	1	9	3	1	6	GASKET
						1	1	1	1		1	LOCK NUT
								1		1	1	LOCKWASHER
										2	2	NUT
1	1							1	2	1	1	PLUG, CORE
						1		1				SCREW
1	1	1		1		3	2	2	1	2	2	SEAL
16	15	2	6	4	7	16	5	14	14	1	10	SEAL, O-RING
								1				SPACER
									1			STUD, TAPER LOCK
		1		1				1				TURBO CARTRIDGE
				2								TURBOCHARGER
						1						WASHER
1	2	1	1	2	1	4	1	2	2	1	1	WASHER, HARDENED



Engine Models												Component Group
C7	C9	C10	C11	C12	C13	C15	C16	C18	C27	C30	C32	
												<b>WATER PUMP &amp; LINES GROUP</b>
						1	1					ADAPTER, INLET
									1	1	1	ADAPTER, INLET (IRON)
		1	1	1	1	1						BALL BEARING
						2	1	1	1			BEARING-AS
						9	4	6	6	3	8	BOLT
						3	1	1	2		1	ENGINE OIL COOLER
5	2	5		5		14	2	10	7	7	11	GASKET
						1	1	1				GASKET, REGULATOR
						2		1	1	1	1	LOCKWASHER
						2		1	1	1	1	NUT
		1	1	1	1	1						OIL SEAL
						1		1				PLUG, CORE
						1		1	1			PLUG, PIPE
						1	1	1	1	1	1	REBUILD KIT, WATER PUMP
				1								REDUCER BUSHING
	4	1	2	1	2	3	2	3	1	1	1	REGULATOR
						2	1	1	1	1	1	RETAINER
						1						SCREW
1	1		1		1	5	2	3	1	1	1	SEAL
			1		1	1	1	1	1	1	1	SEAL GP
18	16	2	5	6	7	36	9	24	18	5	25	SEAL, O-RING
	1	1	1	1	1	1	1	1	1	1	1	SEAL, THERMOSTAT
1	1	1		1		1						SEAL, WATER
						2	1	1	1	1	1	SEAL-LIP TYPE
						1	1	1	1			SHAFT, WATER PUMP
1						2	1	1	1			WASHER
						1	1	1	1			WASHER -HARD
1	1	1	1	1	1	4	1	2	1	2	2	WASHER, HARDENED
1		1		1		1			1	1	1	WATER PUMP
<b>248</b>	<b>267</b>	<b>151</b>	<b>149</b>	<b>213</b>	<b>167</b>	<b>680</b>	<b>175</b>	<b>359</b>	<b>246</b>	<b>139</b>	<b>315</b>	<b>Grand Total</b>

◆ www.ipdparts.com IPD، CA 90501 الولايات المتحدة الأمريكية ◆ Torrance

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