



# PISTONS & PISTON KITS

The pistons are the hardest working components inside a diesel engine. The piston must transform the energy of the combustion expanding gases into mechanical energy. Diesel engines must operate at much higher pressures and at greater temperatures, and this places much more strain on the pistons.

**CTP pistons** are manufactured from special materials like eutectic aluminum, ductile iron and steel alloy. Surface treatments such as anodizing and nitriding are typically used in the ring grooves and crown area for **durability**. Anti-friction coatings like tinning, phosphate and graphite **provide scuff protection** during initial engine break in. CTP pistons are designed and manufactured to meet or exceed the most rigorous and stringent specifications.

## CTP Crowns

Engine Model	Crown Part No.	Description	Skirt Part No.
3114, 3116	1077553	CROWN AS	1077791
	614248	CROWN AS	2382716
3116	1077545	CROWN	1077791
	611210	CROWN AS	1077791
3126	1646556	CROWN AS-PISTON	1871513
	1335044	CROWN AS	2382726
3126 TRUCK	1504621	CROWN AS	2382726
3126, 3126B	1334983	CROWN	1871513
3176B, C10	4P5852	CROWN AS	2382710
3406	7C2888	CROWN AS	1282830
3406B, 3406C	1258869	CROWN AS	1300241
3406C	1684540	CROWN AS-PISTON	1300241
3406E	1352837	CROWN AS	1300241
	1495566	CROWN AS	1300241
	1807352	CROWN AS-PISTON	1326663
3412	1234612	CROWN	1630930
3456, C16	3938990	CROWN AS-PISTON	2846039
3516B	1720919	CROWN AS	1555271
C9	3851657	CROWN AS-PISTON	3247380
	1979297	CROWN AS	2382736
	1979345	CROWN AS	3247380
C10	1337098	CROWN AS	1012042
	1979358	CROWN AS.	2382710
C12, 3196	1442948	CROWN AS	2382712
	1979328	CROWN AS	2382712
C15	2212305	CROWN AS	1326663
	2250115	CROWN AS-PISTON	1326663

\* Other part no. not included in the list are available. Please contact your sales representative if you have any questions. Part Numbers are used for reference purposes only.

# CTP Piston

Engine Model	Part No.	Description
3024, 3024C, C2.2	2973080	PISTON AS
3034	2123677	PISTON AS
3044C	2344814	PISTON-STD
	3149959	Piston-STD
3046	1078255	PISTON (OS= 0.25 MM)
	1078256	PISTON (OS= 0.50 MM)
	1078366	PISTON STD
	1282952	PISTON
	1283295	PISTON (STD)
	1606600	PISTON
	2254284	PISTON
3054	1127021	PISTON ASM
	1166107	PISTON
	1243528	PISTON AS
	1306763	PISTON AS
	1350264	PISTON AS
	1850104	PISTON AS-STD
	1850106	PISTON AS-(OS 0.5 MM)
	1850107	PISTON AS-(OS 1.0MM)
	4W5819	PISTON A
	1243524	PISTON AS (GRADE F)
3054, 3056	1521390	PISTON AS
	3774702	PISTON
3054C	2881394	PISTON AS-0.50 MM
3054C, 3054E	2881395	PISTON AS-1.0 MM
	2889942	PISTON AS-0.50 MM
	2255437	PISTON AS-STD
	2889943	PISTON AS-1.0 MM
	2337232	PISTON AS-STD W RING GR
3056E	2168323	PISTON AS
3064, 3066	2977750	PISTON STD
	2977751	PISTON STD
	2977752	PISTON STD
	2977753	PISTON
	2977754	PISTON (0.25-MM OS)
	2977755	PISTON (0.50-MM OS)
3066	5I7792	PISTON BODY-0.25
	5I7793	PISTON 0.50
	2553069	PISTON AS
3114	7E3428	PISTON
3114, 3116	7E1298	PISTON
	9Y7452	PISTON AS

Engine Model	Part No.	Description
3116	1014495	PISTON BODY
	1051710	PISTON
	1077563	BODY AS-PISTON
	1154124	PISTON AS
	4P2990	BODY AS 16:1
	6I1144	PISTON BODY
	7C5668	PISTON AS
3126, 3126B	2382729	PISTON AS
3204	6N4221	PISTON A
	7C1146	BODY A-PISTON
3208	2W4831	PISTON BODY-STD
	2W8410	PISTON BODY-020
	2W8412	BODY A- STD
	2W8413	PISTON G STD
	2W8415	BODY A-040 OS
	7E4729	PISTON BODY
	7W3846	PISTON BODY, STD. 17.5:1
	9L7737	PISTON-STD
	CTP4831	PISTON ASSY (2W4831)
	9L7737-3	3 RING PISTON (2W8265 RING GR)
9L7827-3	3 RING PISTON (2W8646 RING GR)	
3304	1290358	PISTON A
	1646560	PISTON BODY
3304, 3306	1654262	BODY AS-PISTON
	1684531	BODY AS-PISTON
	9N5403	PISTON BODY KIT=9N5403LK
	2W1177	PISTON & ROD GP (1654262)
3304, 3306 PC	8N3182	BODY A PISTON
	8N3184	PISTON A
	9N5250	PISTON BODY
3306C	1073565	BODY AS- PISTON
	1548087	BODY AS-PISTON
3306	1W6588	PISTON G ROD
	1568263	BODY AS-PISTON
	6I3650	PISTON AS. OEM
	2W1711	PISTON & ROD GP (1654262)
	8N3181	PISTON BODY GP
	1290360	BODY AS-PISTON
	3406	1010016
1070984		PISTON (STD)
6N4126		PISTON BODY
7N3509		PISTON BODY
7N3633		PISTON BODY

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# CTP Piston

Engine Model	Part No.	Description
3406, 3408, 3412	9Y7212	PISTON
	7N3511	PISTON BODY
3406B	1601131	BODY AS-PISTON
	9Y3116	BODY A PISTON
3406B, 3406C	7E0292	PISTON AS
	7E0539	BODY AS PISTON
	7E8656	BODY AS
	7E8700	BODY AS
	9Y4004	PISTON
	9Y9889	PISTON BODY
	3780509	PISTON
3406C	1168154	PISTON AS
	1175063	BODY AS
3408B	1746102	BODY AS-PISTON
3412	1723280	BODY AS-PISTON
	1922208	BODY AS
3412E	1922209	BODY AS
3508, 3512, 3516	1923896	BODY AS-PISTON
	2995204	PISTON AS
3512	7C2431	BODY AS-PISTON
	9Y4124	PISTON AS
3516	3145005	PISTON AS
C2.2 / 3024C	2706968	PISTON AS
C3.4	3154669	PISTON (STD)
C3.4, 3044	3149962	RING PISTON KIT - STD
C4.2	3244238	PISTON STD
C4.4	3109905	PISTON AS
C4.4 C6.6	3109269	PISTON AS
C4.4, 3054	3153395	PISTON AS
C6.4	3244235	PISTON STD
C6.6	2822224	PISTON AS
	2767475	PISTON OS (+0.50MM)
C7	2382698	BODY AS-PISTON
C9.3	3570447	BODY AS-PISTON
C12	1979374	CROWN AS
C13	3220329	BODY STL AS-PISTON
C15	3564787	BODY-STL P
	3569946	BODY-STL P
	3889354	BODY AS-PISTON

Engine Model	Part No.	Description
C18	3196715	BODY AS.-PISTON
	3294511	BODY AS.-P
	3687816	BODY AS-PISTON
	3687818	BODY AS-PISTON
C32	3196716	BODY AS.-PISTON
	3196717	BODY AS
	3675160	BODY AS-PISTON
D315	8H2000	PISTON BODY
D330	9L2308	BODY A
D333	2M5558	BODY-PISTON
D334	5S2886	PISTON BODY
D342	7N1366	PISTON BODY
D343	9N2874	PISTON BODY
D348	8N0931	PISTON BODY
D353	7N4515	PISTON BODY
	7N5036	PISTON BODY
G3406, G3408, G3412	7E3888	BODY A PISTON
G3512	1973765	BODY AS-PISTON
G3516	2622061	BODY AS-PISTON
G353, G378	3S1824	PISTON BODY

## CTP Piston Kits

CTP Piston Kits come complete with the body (Crown and Skirt), pin, retainers, and the ring group.

Use the crown number to identify the Piston Kit.

Kit No. = Crown No. + PK

Engine Model	Kit Part No.
3044C	1078366PK
3046	1282952PK
3054, 3056	1350264PK
3054, 3056	1521390PK
3066	2977751PK
3066	2977752PK
3066	2977753PK
3066	2977750PK
3114, 3116	6I4248PK
3114, 3116	1051720PK
3114, 3116	1154124PK
3114, 3116	1051710PK
3114, 3116	1077563PK

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## CTP Piston Kits

Engine Model	Kit Part No.
3116	1077545PK
3116	1077553PK
3116	611210PK
3126	1443444PK
3126	1504621PK
3126	1646556PK
3126	1723282PK
3126	2382729PK
3126	1335044PK
3126, 3126B	1334983PK
3176/B/C, C10	4P5852PK
3204, 3208	2W8410PK
3208	2W8412PK
3306B	1654262PK
3400	1495566PK
3400	1684540PK
3400	7C2888PK
3406	9Y4004PK
3406	1352837PK
3406, 3408, 3412	9Y7212PK
3406B, 3406C	1601131PK
3412E	1723280PK
C7	2382698PK
C7	2382720PK
C9	1979297PK
C9	1979345PK
C9	2382701PK
C9	3851657PK
C10, 3176	1337098PK
C12	1979328PK
C12	1979374PK
C12	1442948PK
C15	1807352PK
C15	2250115PK
C15	3564787PK
C15	3569946PK
C15	2212305PK
C18	3294510PK

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