

WHY CHOOSE IPD?

- Over 70 Years of Proven Quality in the heavy-duty engine parts industry.
- ISO 9001:2015 Certified for guaranteed reliability.
- Expanding Product Offerings to meet the evolving needs of our customers.
- IPD is your trusted partner for high-quality aftermarket parts for Caterpillar® engines.

VISIT IPDPARTS.COM TODAY TO EXPLORE OUR FULL PRODUCT RANGE!



All existing IPD customers can order IPD products through IPDNet at store.ipdparts.com, or contact IPD customer service at +1 310-530-1900 or email service@ipdparts.com. For IPD Europe customers, you can order using eustore.ipdparts.com. For IPD Australia you can email ipdaust@ipdparts.com.



IPD
1550 Charles Willard Street
Carson, CA 90746 USA
+1.310.530.1900
ISO 9001: 2015 Certified
ipdparts.com

MKTIPD9.3GASKET

©Copyright IPD 2025

All manufacturer's names, numbers, symbols and descriptions are for reference only. It is not implied that any part is the product of the manufacturer. Caterpillar®, Detroit® and Cummins® are registered trademarks of their respective owners.



EXPANDED COVERAGE FOR THE CATERPILLAR® C9.3 SERIES



At IPD, we continue to expand our C9.3 series offerings, ensuring access to high-quality components.

NOW OFFERING OVER 60 GASKET SETS

Our newly expanded range of gasket sets ensures complete coverage for Caterpillar® C9.3 ACERT engines. These sets include everything needed for engine rebuilds and repairs, manufactured to meet or exceed OEM standards.

Gasket Set Offerings:

- Over 60 Complete Gasket Sets, covering various applications.
- Manufactured with high-quality materials for superior sealing and longevity.
- Designed to withstand extreme conditions for extended engine life.
- Includes high-performance gaskets, o-rings, and seals designed for optimal resistance to heat, pressure and chemical exposure.

PLG Kits: Engineered for Maximum Performance

Our Piston Liner Group (PLG) kits provide a complete solution for C9.3 ACERT engine rebuilds. Each kit includes:

- **Pistons** – Made from cast aluminum with an anti-friction skirt coating for reduced wear and extended engine life.
- **Liners** – Induction-hardened and manufactured from cast iron for optimal durability and performance.
- **Main and Con Rod Bearings:** Sold separately to complement our range of valvetrain components and PLG kits.
- **Thrust Plates:** Available separately to ensure complete repair solutions.

Comprehensive Valvetrain Component Coverage

IPD's valvetrain components are built for durability and performance in demanding engine applications.

Exhaust Valve:

- **Induction-Hardened Tip:** Provides enhanced wear resistance and longevity.
- **Nickel Based Super Alloy Head:** Provides high temperature performance.

Intake Valve:

- **Induction-Hardened Tip:** Designed to withstand the rigors of high-performance applications.

IPD'S PART LIST

FOR C9.3 ACERT SERIES ENGINE



| C9.3 PLG KITS AND COMPONENTS | |
|------------------------------|--|
| Part Number | Item Description |
| PLG3570447 | PISTON & LINER GROUP, ALUMINUM PISTON |
| PLG4377099 | PISTON & LINER GROUP, ALUMINUM PISTON |
| PLG3695326 | PISTON & LINER GROUP, ALUMINUM PISTON |
| C9RS4 | RING SET (includes 4475626, 4671177 and 2622891 Each Ring) |
| C9RS5 | RING SET (includes 3001319, 4710275 and 2622891 Each Ring) |
| 3570447 | PISTON, ALUMINUM |
| 4377099 | PISTON, ALUMINUM |
| 3695326 | PISTON, ALUMINUM |
| 4695313 | CYLINDER LINER |
| 1670024 | LINER O-RING |
| 3001319 | PISTON RING, TOP |
| 4475626 | PISTON RING, TOP |
| 4710275 | PISTON RING, INTERMEDIATE |
| 4671177 | PISTON RING, INTERMEDIATE |
| 2622891 | PISTON RING, OIL |
| 5245566 | PISTON PIN |
| 1512939 | MAIN BEARING STD |
| 2697290 | CON ROD BEARING |
| 2463150 | THRUST PLATE |
| C9.3 VALVETRAIN | |
| Part Number | Item Description |
| 4901729 | INTAKE VALVE |
| 4901728 | EXHAUST VALVE |
| 5648811 | INTAKE INSERT |
| 5648812 | EXHAUST INSERT |
| 5648813 | VALVE GUIDE |
| 3495303 | INNER VALVE SPRING |
| 3495307 | OUTER VALVE SPRING |
| 2558679 | SPRING SEAT |
| 3128619 | VALVE STEM SEAL |
| 3256575 | INJECTOR SLEEVE |

| C9.3 GASKET SETS | |
|------------------|-------------------------------------|
| Part Number | Item Description |
| 4235923 | GASKET SET, REAR STRUCTURE |
| 4458630 | GASKET SET, OIL COOLER & LINES |
| 4502537 | GASKET SET, CENTRAL & LOWER |
| 4502541 | GASKET SET, OIL COOLER & LINES |
| 4502544 | GASKET SET, REAR STRUCTURE |
| 4502547 | GASKET SET, CYLINDER HEAD |
| 4502539 | GASKET SET, FRONT STRUCTURE |
| 4502549 | GASKET SET, TURBO MOUNTING |
| 4537142 | GASKET SET, WATER PUMP INSTALLATION |
| 4551697 | GASKET SET, FRONT STRUCTURE |
| 4551699 | GASKET SET, CYLINDER HEAD |
| 4567669 | GASKET SET, WATER PUMP |
| 4575621 | GASKET SET, CENTRAL & LOWER |
| 4589490 | GASKET SET, REAR STRUCTURE |
| 4589514 | GASKET SET, CYLINDER HEAD |
| 4589516 | GASKET SET, TURBO MOUNTING |
| 4648437 | GASKET SET, REAR STRUCTURE |
| 4669274 | GASKET SET, REAR STRUCTURE |
| 4669275 | GASKET SET, WATER PUMP |
| 4716154 | GASKET SET, REAR STRUCTURE |
| 4719655 | GASKET SET, CENTRAL & LOWER |
| 4719663 | GASKET SET, CYLINDER HEAD |
| 4724778 | GASKET SET, CENTRAL & LOWER |
| 4768742 | GASKET SET, OIL COOLER |
| 4866254 | GASKET SET, CYLINDER HEAD |
| 4889242 | GASKET SET, REAR STRUCTURE |
| 4935871 | GASKET SET, REAR STRUCTURE |
| 4944401 | GASKET SET, CYLINDER HEAD |
| 4947015 | GASKET SET, TURBO MOUNTING |
| 4982666 | GASKET SET, CENTRAL & LOWER |
| 4982707 | GASKET SET, TURBO MOUNTING |
| 4999147 | GASKET SET, FRONT STRUCTURE |
| 5019013 | GASKET SET, REAR STRUCTURE |
| 5148087 | GASKET SET, CYLINDER HEAD |
| 5195691 | GASKET SET, CENTRAL & LOWER |
| 5233078 | GASKET SET, CYLINDER HEAD |
| 5233372 | GASKET SET, CENTRAL & LOWER |
| 5233374 | GASKET SET, OIL COOLER |
| 5233375 | GASKET SET, CYLINDER HEAD |
| 5255219 | GASKET SET, CYLINDER HEAD |
| 5275392 | GASKET SET, CYLINDER HEAD |
| 5602823 | GASKET SET, OIL COOLER |
| 5602834 | GASKET SET, CYLINDER HEAD |
| 5612270 | GASKET SET, OIL COOLER & LINES |
| 5618507 | GASKET SET, OIL COOLER & LINES |
| 5637877 | GASKET SET, CENTRAL & LOWER |
| 5650788 | GASKET SET, CYLINDER HEAD |

| C9.3 GASKET SETS | |
|----------------------------|--------------------------------|
| Part Number | Item Description |
| 5650814 | GASKET SET, CENTRAL & LOWER |
| 5650839 | GASKET SET, OIL COOLER & LINES |
| 5653156 | GASKET SET, CENTRAL & LOWER |
| 5655546 | GASKET SET, CENTRAL & LOWER |
| 5655548 | GASKET SET, CYLINDER HEAD |
| 5655549 | GASKET SET, TURBO MOUNTING |
| 5674086 | GASKET SET, CYLINDER HEAD |
| 5674519 | GASKET SET, OIL COOLER & LINES |
| 5674532 | GASKET SET, CENTRAL & LOWER |
| 5674533 | GASKET SET, OIL COOLER & LINES |
| 5678463 | GASKET SET, CYLINDER HEAD |
| 5682599 | GASKET SET, OIL COOLER & LINES |
| 5689454 | GASKET SET, OIL COOLER & LINES |
| 5705623 | GASKET SET, REAR STRUCTURE |
| C9.3 GASKET KIT COMPONENTS | |
| Part Number | Item Description |
| 2385085 | SEAL, O-RING |
| 3054484 | SEAL, O-RING |
| 1570670 | DUST CAP |
| 3499657 | GASKET |
| 2621940 | HEAD GASKET, CYLINDER |
| 3752467 | LOCKNUT |
| 2287100 | SEAL, O-RING |
| 2287101 | SEAL, O-RING |
| 2600113 | GASKET, VALVE COVER |
| 2459750 | STUD TAPER LOCK |
| 2885726 | SEAL GROUP |
| 5285684 | SEAL GROUP |
| 5285683 | SEAL GROUP |
| 2804322 | GASKET |
| 3308197 | SEAL, O-RING |
| 4T7968 | GASKET |
| 7C1114 | GASKET |
| 3499658 | GASKET |
| 9X6620 | LOCKNUT |
| 4640509 | SEAL, O-RING |
| 6V3349 | SEAL, O-RING |
| 5332152 | SEAL GROUP |
| 3570351 | STUD TAPER LOCK |
| 2019701 | SEAL, O-RING |
| 2733712 | SEAL |
| 4853788 | SEAL, FACE |
| 5746249 | GASKET |
| 4374425 | SEAL, O-RING |
| 3763408 | STUD TAPER LOCK |
| 613411 | GASKET |