

# BULLDOG®



Hydraulics & Gaskets

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## ALL IN ONE KIT CATALOG

Vol. 10

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**BULLDOG® HYDRAULICS & GASKETS** was originally founded in 1957 and acquired by its current owners in 2001. During its 50+ years of operation, Bulldog® Hydraulics & Gaskets has experienced rapid growth and has earned a reputation for excellent product quality, friendly customer service, and distinguished technical support. Bulldog® Hydraulics & Gaskets provides hydraulic and gasket products to a broad customer base. Both of these product areas have expanded to include extensive kit building capabilities that service and support several types of industries worldwide. Bulldog® Hydraulics & Gaskets stocking representatives are located in most major cities in North and South America, Europe, Africa, Asia, and the Pacific Rim.

Bulldog® Hydraulics & Gaskets currently operates a manufacturing, distribution, and administrative office facility located at the South Meadows Business Park in Reno, Nevada.

## PRODUCT RANGE

Bulldog® Hydraulics & Gaskets stocks and maintains a large inventory of both hydraulic and gasket sealing products. Hydraulic sealing items such as rod seals, rod wipers, rod bearings, piston seals, wear rings, o-rings, back-up rings, and vee-packings are some of the many items that are stocked. Each of these items is designed and/or specified for the critical sealing applications of hydraulic cylinders and other demanding hydraulic sealing applications. Gasket sealing products such as soft gaskets, reinforced gaskets, and sealing products normally replaced along with gaskets (for example, oil seals, o-rings, and other elastomeric products) are also inventoried. Special attention is paid to the proper selection of gasket materials based upon application considerations. Bulldog® Hydraulics & Gaskets specializes in materials ranging from basic elastomers to highly advanced elastomeric compounds. This allows us to provide our customers with the most successful solutions to the broadest range of sealing applications.

## KIT ASSEMBLY AND CUSTOM PACKAGING

Bulldog® Hydraulics & Gaskets maintains facilities specifically designed for the assembly of components into kits and other forms of custom packaging. Extensive capabilities have been developed to support the process of kit manufacturing and assembly. Customer requested kits can be easily documented and integrated into our kit assembly process. Custom packaging capabilities include the ability to apply part numbers to items, bags, and boxes. In addition, items can be boxed or placed on flat sheets (for example, corrugated sheets) for the application of labels and shrink-wrapping. These Bulldog® Hydraulics & Gaskets kit and packaging capabilities can offer substantial advantages to customers by providing them with pre assembled kits for service and repair needs. Pre assembled kits, when compared to individual components, can provide overall reductions in total product costs by reducing purchasing, receiving, quality control, and warehousing activities. In addition, pre assembled kits can increase customer serviceability and satisfaction.

## TECHNICAL SUPPORT

The technical staff at Bulldog® Hydraulics & Gaskets has an in-depth knowledge of the sealing applications for many types of mobile equipment. Some of these applications include hydraulic cylinders and other hydraulic components, diesel engines, and transmissions. Our experience with sealing and gasket products allows us to provide technical support to customers and end users. The ability to provide recommendations based upon Bulldog® Hydraulics & Gaskets design standards, in addition to analyzing existing designs for potential improvements, are just some of the many advantages our technical staff may offer our customers.

## HOURS OF OPERATION

Monday - Friday  
7:30am - 4:30pm PST

[www.BulldogKits.com](http://www.BulldogKits.com)  
[Sales@BulldogKits.com](mailto:Sales@BulldogKits.com)

**ISO 9001 Registered Company**



ISO 9001

NORTH AMERICA  
PHONE 800.854.0275  
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WORLDWIDE  
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## SUMMARY

Bulldog® Hydraulics & Gaskets is committed to the development and production of the highest quality gasket kits and sealing components used in the repair of heavy duty, off-road construction, mining and logging equipment.

Our goal is to provide our customers with the finest products, highest availability, and the best customer service in the industry. Bulldog® Hydraulics & Gaskets has achieved a worldwide reputation by providing products and services that meet or exceed the expectations of our customers.

Information contained in this catalog is correct to the best of our knowledge at the time of publication. No responsibility, however, can be accepted for any inaccuracies or omissions that may have occurred.

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## WARRANTY

**WARRANTIES:** Seller warrants that it is conveying good title to the products supplied hereunder, free of any security interest or other encumbrance of which Buyer has no knowledge, and that the products supplied hereunder are of merchantable quality, as defined in subparagraphs (a) through (f) of Section 2314 of the Uniform Commercial Code. Seller warrants its products to be free from defects in workmanship and materials.

**DISCLAIMER OF WARRANTIES:** The warranties specified in the above paragraph are Seller's sole warranties with respect to the products supplied hereunder, and Buyer acknowledges it is relying on no other warranty, either written or oral, concerning such products. SELLER HEREBY SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEEDS THE AFORE STATED WARRANTIES.

**REMEDY FOR BREACH OF WARRANTY:** If any product supplied hereunder is not as warranted above, Buyer shall return the product to Seller's plant as soon as possible after discovery of the defect, and in any event within 30 days after the date of purchase. If Seller determines that one of its above warranties has been breached, Seller shall replace the product, if a replacement is reasonably available, or refund the purchase price after charging, in either event, for the service rendered by the defective product.

**LIMITATION OF LIABILITY:** The remedy set forth in the preceding paragraph is the sole and exclusive remedy of Buyer for breach of the above warranties. SELLER'S LIABILITY SHALL IN NO EVENT EXCEED THE REPLACEMENT COST OF THE DEFECTIVE PRODUCT AND BUYER WAIVES ANY RIGHT TO CONSEQUENTIAL DAMAGES BEYOND THE REPLACEMENT COST OF THE DEFECTIVE PRODUCT.

**INDEMNITY:** Buyer shall indemnify and hold Seller harmless from and against all liability and expenses, including attorneys' fees, arising out of or attributable to the use of any equipment containing any product supplied hereunder.

**REPAIRS:** The warranties stated herein are void if repairs to the products supplied hereunder are done or attempted by anyone other than Seller, unless Buyer shall first have obtained Seller's written consent of such repairs.

**CLAIMS:** It is the policy of Bulldog® Hydraulics & Gaskets that inquiries for pricing discrepancies, order discrepancies, freight claims and customer returns must be reported to Bulldog® Hydraulics & Gaskets Customer Service within 30 days of invoice for domestic (U.S.) shipments and within 90 days for international shipments. Claims/discrepancies reported after these periods will not be honored.

**BULLDOG® ALL IN ONE GASKET KIT FORMAT****Example: BD-3306-039OF****BD** – Bulldog® product line**3306** – Engine family**039** – Bulldog® kit series**OF** – Kit type designation**BULLDOG® ALL IN ONE KIT PROGRAM**

**Out of Frame Overhaul (OF)** – contains all of the parts necessary to rebuild an engine completely out of frame. The kit will typically include the following:

- Cylinder head (valve grind) set
- Fuel injector O-rings (unless noted otherwise)
- Manifold gaskets & O-rings
- Turbo mounting gaskets & O-rings
- Aftercooler & lines set (mounting gaskets in 3406 truck app's)
- Cylinder block & oil pan set
- Cylinder liner kits (see note below for option to exclude these)
- Oil pump set
- Front cover & housing set (353 engine crankshaft seal excluded)
- Rear cover & housing set (353 engine crankshaft seal excluded)
- Fuel pump mounting gasket & O-rings
- Front/Rear PTO set
- Water pump gasket set
- Water lines set
- Oil cooler & lines set
- Air compressor mounting gasket

**In Frame Overhaul (IF)** – contains all of the parts necessary to rebuild an engine in frame. The kit will typically include the following:

- Cylinder head (valve grind) set
- Fuel injector O-rings (unless noted otherwise)
- Manifold gaskets & O-rings
- Turbo mounting gaskets & O-rings
- Aftercooler water lines set (mounting gaskets in 3406 truck app's)
- Oil pan gasket
- Cylinder liner kits (see note below for option to exclude these)
- Water pump mounting O-rings
- Oil lines set
- Air compressor mounting gasket

## **BULLDOG® ALL IN ONE KIT PROGRAM**

**Cylinder Head Replacement (HS)** – contains all of the parts necessary to remove and replace all the cylinder heads for the engine. The kit will typically include the following:

- Cylinder head (valve grind) set
- Fuel injector O-rings (unless noted otherwise)
- Manifold gaskets & O-rings
- Turbo mounting gaskets & O-rings

**Single Head Replacement (SH)** – contains all of the parts necessary to remove and replace a single cylinder head on engines with more than one head. The kit will typically include the following:

- Cylinder head (valve grind) set
- Fuel injector O-rings (unless noted otherwise)
- Manifold gaskets
- All gaskets, seals & O-rings needed to replace head & connect adjacent head

**Aftercooler (AC)** – contains all of the parts necessary to install aftercoolers.

**Oil Pump (OP)** – contains all of the parts necessary to install oil pumps.

**Turbocharger (TC)** – contains all of the parts necessary to install turbochargers.

**Water Pump (WP)** – contains all of the parts necessary to install and or rebuild water pumps.

**Note:** All Bulldog® All In One In Frame and Out of Frame overhaul kits include the cylinder liner bands and O-Rings. To order these without the cylinder liner kits add an "X" suffix to the kit number.

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Agricultural Tractors						
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CH45	1DR1-UP	3116	98Z1-UP			Contact Bulldog
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CH65	7YC1-1899	3306	8Z1-UP	D.I. Engines Spacer Plated Aftercooled	Out of Frame Overhaul Cylinder Head Replacement	BD-3306-039OF BD-3306-039HS
CH65B	7YC1900-UP	3306	8Z1-UP	D.I. Engines Spacer Plated Aftercooled	Out of Frame Overhaul Cylinder Head Replacement	BD-3306-039OF BD-3306-039HS
CH65C	2ZJ1-1679	3306	8Z1-UP	D.I. Engines Spacer Plated Aftercooled	Out of Frame Overhaul Cylinder Head Replacement	BD-3306-039OF BD-3306-039HS
CH65D	2ZJ1680-UP	3306	8Z1-UP	D.I. Engines Spacer Plated Aftercooled	Out of Frame Overhaul Cylinder Head Replacement	BD-3306-039OF BD-3306-039HS

STEIGER		3306	66D12370-26831	P.C. Engines Non Spacer Plated	Out of Frame Overhaul Aftercooler & Lines (if required)	BD-3306-018OF CT-5P8772
STEIGER		3306	66D26832-UP	P.C. Engines Spacer Plated	Out of Frame Overhaul Aftercooler & Lines (if required)	BD-3306-019OF CT-5P8772
STEIGER		3406	6TB3571-UP	D.I. Engines Spacer Plated Aftercooled With 19 Bolt Flywheel Housing	Out of Frame Overhaul	BD-3406-020OF

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D3</b>	6N1-UP 79U1-UP 82U1-UP 83U1-UP	3204	45V1-UP	P.C. & D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-001OF BD-3204-001IF BD-3204-001HS
<b>D3B</b>	23Y1-UP 24Y1-UP	3204	45V1-32893	P.C. & D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-001OF BD-3204-001IF BD-3204-001HS
<b>D3B</b>	23Y1-UP 24Y1-UP	3204	45V32894-40125	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-002OF BD-3204-002IF BD-3204-002HS
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<b>D3B</b>	27Y1-UP 28Y1-UP	3204	45V32940-40209	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-002OF BD-3204-002IF BD-3204-002HS
<b>D3B</b>	27Y1-UP 28Y1-UP	3204	45V40210-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS
<b>D3B</b> <b>D3C</b>	3YC1-UP 5MC1-UP 1PJ1-UP 3RF1-UP 6PF1-UP 8BF1-UP	3204	45V48070-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS
<b>D3B</b> <b>D3C</b>	2PC1-UP 7JF1-UP	3204	45V40547-UP 45V70378-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D4B D4C</b>	2XF1-UP 1RJ1-UP  2CJ1-UP  7KG1-UP  9BG1-UP	3204	45V60736-UP 45V69350-UP 7YJ1-UP 45V69350-UP 7YJ1-UP 45V90750-UP 7YJ1-UP 45V90750-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-008OF BD-3204-008IF BD-3204-008HS
<b>D4D</b>	59J1-1280 60J1-3269 61J1-641 82J1-3443 83J1-2176 84J1-1524	3304		Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-011OF BD-3304-001IF BD-3304-001HS
<b>D4E</b>	27X1-UP 28X1-UP 29X1-UP 50X1-UP 51X1-UP 52X1-UP 68X1-UP 69X1-UP 70X1-UP 71X1-UP 72X1-UP	3304	78P1-47087  43V1-19033  48V1-UP 48V1-52810 48V1-UP 48V1-52810	Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-003OF BD-3304-003IF BD-3304-003HS
<b>D4E</b>	27X1-UP 28X1-UP 29X1-UP 50X1-UP 51X1-UP 52X1-UP 68X1-UP 69X1-UP 70X1-UP 71X1-UP 72X1-UP	3304	78P47088-UP  43V19034-UP  48V1-UP 48V52811-UP 48V1-UP 48V52811-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-005OF BD-3304-005IF BD-3304-005HS
<b>D4E</b>	27X1-UP 28X1-UP 29X1-UP 68X1-UP 69X1-UP 70X1-UP 71X1-UP 72X1-UP	3304	7Z1-UP  12Z1-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-006OF BD-3304-006IF BD-3304-006HS
<b>D4E</b>	27X1-UP 28X1-UP 29X1-UP 68X1-UP 69X1-UP 70X1-UP 71X1-UP 72X1-UP	3304	7Z1-UP  12Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D4H</b>	2AC1-UP 3AC1-UP 8PB1-UP 8ZF1-UP 9DB1-UP	3204	45V39556-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
<b>D4H</b>	4NK1-UP 8PJ1-UP 9GJ1-UP	3304	9Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS

<b>Crawler Tractors (Dozers)</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
<b>D5</b>	62J1-654	3306		Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
	63J1-953					
	93J1-731					
	94J1-1932					
	95J1-356					
	96J1-3587					
98J1-1133						
<b>D5</b>          <b>D5B</b>	67J1-UP	3306	44V1-UP	Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-003OF BD-3306-003IF BD-3306-003HS
	68J1-UP		3N1-79762			
	93J732-UP					
	94J1933-UP					
	95J357-UP					
	96J3588-UP					
	97J1-UP		44V1-UP			
	98J1134-UP		3N1-79762			
	22X1-UP					
	23X1-UP					
	24X1-UP					
	25X1-UP					
	26X1-UP					
48X1-UP	44V1-22230					
49X1-1295	44V1-22252					
<b>D5B</b>	22X1-UP	3306	3N79763-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-001OF BD-3306-001IF BD-3306-001HS
	23X1-UP					
	24X1-UP					
	25X1-UP					
	26X1-UP					
	48X1-UP		44V22231-UP			
49X1296-UP	44V22253-UP					
<b>D5B</b>	22X439-UP	3306	8Z1-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-007OF BD-3306-007IF BD-3306-007HS
	23X778-UP					
	24X413-UP					
	25X1815-UP					
	26X878-UP					
	43X722-UP		13Z1-UP			
	44X1111-UP					
	45X422-UP					
	46X724-UP					
	47X520-UP		10Z1-UP			
	48X589-UP					
	49X1412-UP					
	21Y558-UP		13Z1-UP			
	5LD1-UP		1AF1-UP			
8HD1-UP						
8MB724-UP	13Z6226-UP					
<b>D5C</b>	3MK1-UP	3204	45V97770-UP	Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-009OF BD-3204-009IF BD-3204-009HS
	6PJ1-UP		7YJ1-UP			
<b>D5H</b>	1DD1-UP	3304	12Z10967-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-009OF BD-3304-009IF BD-3304-009HS
	7NC1-UP					
	8RC1-UP					
	9HC1-UP					

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D6C</b>	46J1-868 47J1-2559 99J1-1753 10K1-7952 17R1-464	3306		Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
<b>D6C</b>	46J869-UP 47J2560-UP 99J1754-UP 10K7953-UP 17R465-UP 69U316-UP	3306	49V1-UP  3N1-UP	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-010OF BD-3306-010IF BD-3306-010HS CT-5P8772
<b>D6D</b>	19X1-UP 20X1-UP	3306	49V1-24230	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-003OF BD-3306-003IF BD-3306-003HS CT-5P8772
<b>D6D</b>	19B1-UP 3X1-UP 4X1-UP 5X1-UP 6X1-UP 30X1-UP 31X1-UP 32X1-UP	3306	47V1-17093 3N1-79762 3N1-77760 3N1-79762  44V1-22350 44V1-22286 44V1-22350	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-011OF BD-3306-011IF BD-3306-011HS CT-5P8772
<b>D6D</b>	19B1-UP 3X1-UP 4X1-UP 5X1-UP 6X1-UP 19X1-UP 20X1-UP 30X1-UP 31X1-UP 32X1-UP	3306	47V17094-UP 3N79763-UP 3N77761-UP 3N79763-UP  49V24231-UP  44V22351-UP 44V22287-UP 44V22351-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-002OF *BD-3306-002IF *BD-3306-002HS *CT-5P8772
<b>D6D</b>          <b>D6E</b>	36C1-UP 37C1-UP 38C1-UP 74W1-UP 75W1-UP 7XF1-UP 9FK1-UP 2MJ1-UP  8FG1-UP	3306	1AF1-UP  8TD1-UP  1AF1-UP 8TD1-UP 1AF1-UP 8TD1-UP			Contact Bulldog

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D6D</b>	3X1-UP 4X1-UP 5X1-UP 6X1-UP 30X1-UP 31X1-UP 32X1-UP 33X1-UP 6HC1-UP 19X1-UP 20X1-UP 1Y1-UP	3306	8Z1-UP  10Z1-UP  13Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-024OF BD-3306-024IF BD-3306-024HS CT-5P8772
<b>D6H</b>	3YG1-UP 3ZF1-UP 4RC1-UP 5KK1-UP 6CK1-UP 6FC1-UP 8KB1-UP 8ZJ1-UP 9KJ1-UP 1KD1-UP 2DK1-UP 2TL1-UP 3ED1-UP 4GG1-UP 4YF1-UP 7ZK1-UP 8FC1-UP 8SK1-UP 9RK1-UP 1FJ1-UP 1YL1-UP 2BL1-UP 2TG1-UP 4LG1-UP 5HF1-UP 6CF1-UP 7PC1-UP 8KK1-UP 8YC1-UP 9KL1-UP	3306	8Z1-UP  10Z1-UP  13Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-024OF BD-3306-024IF BD-3306-024HS CT-5P8772

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D7F</b>	93N1-1174 94N1-5191	3306		Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
<b>D7G</b>	64V1-UP 65V1-UP 44W1-UP 45W1-UP 91V1-UP 92V1-UP 72W1-UP	3306	44V1-22402*  3N1-79762	*Non Spacer Plated (check engine for spacer) Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-011OF BD-3306-011IF BD-3306-011HS CT-5P8772
<b>D7G</b>	64V1-UP 65V1-UP 44W1-UP 45W1-UP 35N1-UP 91V1-UP 92V1-UP 72W1-UP	3306	44V22403-UP*  3N79763-UP  62Z1-UP 3N79763-UP	P.C. Engines *Spacer Plated (check engine for spacer) Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-002OF *BD-3306-002IF *BD-3306-002HS *CT-5P8772
<b>D7G</b>  <b>D7H</b>	91V1-UP 92V1-UP 72W1-UP 77Z1-UP 79Z1-UP 80Z1-UP 3XG1-UP 4FG1-UP 5BF1-UP	3306	8Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-025OF BD-3306-025IF BD-3306-025HS CT-5P8772

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
D8H	36A1-4468 46A1-10724 68A1-1002	D342		Non Spacer Plated Turbocharged *Rear Crankshaft Seal not included	Out of Frame Overhaul* In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-342-002OF Contact Bulldog BD-342-002HS BD-342-002SH
D8H	36A4469-UP 46A10725-UP	D342		Non Spacer Plated T-12 or T-18 Turbo *Rear Crankshaft Seal not included	Out of Frame Overhaul* In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-342-003OF Contact Bulldog BD-342-003HS Contact Bulldog
D8K	66V1-2992 76V1-600 77V1-8528	D342	50V1-UP 17S1-UP	Non Spacer Plated Turbocharged *Rear Crankshaft Seal not included	Out of Frame Overhaul* In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-342-001OF Contact Bulldog BD-342-001HS Contact Bulldog
D8K	66V2993-UP 76V601-UP 77V8529-UP	D342	50V1-UP 17S1-UP	Spacer Plated Turbocharged *Rear Crankshaft Seal not included	Out of Frame Overhaul* In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-342-004OF Contact Bulldog BD-342-004HS BD-342-001SH
D8L	53Y1-UP 7JC1-UP 7YB1-UP	3408	48W13008-17791 77M1-UP	Non Aftercooled Turbocharged	Out of Frame Overhaul	BD-3408-012OF
D8L	4FB1-UP	3408	48W17792-UP	Aftercooled Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-002OF BD-3408-002IF BD-3408-002HS
D8N	1XJ1-UP 9TC1-UP	3406	11N1-UP 70V24187-UP	Non Aftercooled With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-007OF BD-3406-007IF BD-3406-007HS
D8N	5TJ1-UP	3406	11N4939-UP	Non Aftercooled With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-030OF BD-3406-030IF BD-3406-030HS
D8N	7TK1-UP	3406	11N7050-UP	Aftercooled With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-019OF BD-3406-019IF BD-3406-019HS
D8R	7XM1-UP 9EM1-UP	3406 3406C	11N12940-UP 41Z286-UP	Aftercooled With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-030OF BD-3406-030IF BD-3406-030HS
D8R	AKA1-UP 6YZ1-UP	3406E	BET1-UP	Spacer Plated Turbocharged		Contact Bulldog

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D9G</b>	66A1-1644	D353		P.C. Engines Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-006HS
<b>D9G</b>	66A1645-UP	D353		P.C. Engines Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-007HS
<b>D9H</b>	12U1-UP 90V1-UP 97V1-UP 98V1-UP 99V1-UP	D353	97U1-7921	P.C. Engines Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-353-008HS BD-353-008SH
<b>D9H</b>	12U1-UP 90V1-UP 97V1-UP 98V1-UP 99V1-UP	D353	97U7922-UP	P.C. Engines Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-353-001HS BD-353-001SH
<b>D9L</b>	14Y1-UP	3412	73W1224-UP	D.I. Engines	Out of Frame Overhaul	BD-3412-003OF
<b>D9N</b>	1JD1-UP 6XJ1-UP	3408	48W23086-UP 48W35650-UP	D.I. Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-010OF BD-3408-010IF BD-3408-010HS
<b>D9R</b>	7TL1-UP 8BL1-UP	3408E	99C1-UP 48W37000-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-3408-016HS

<b>Crawler Tractors (Dozers)</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D10N</b>	2YD1-UP	3412	73W8338-UP	D.I. Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-006OF BD-3412-006IF BD-3412-006HS BD-3412-006SH
<b>D10R</b>	3KR1-UP	3412E	80M1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-013OF BD-3412-013HS BD-3412-013SH

<b>D11N</b>	74Z1-UP	3508	99W1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-001SH
<b>D11N</b>	4HK1-UP	3508	7YG203-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
<b>D11R</b>	8ZR1-UP	3508	7YG1-UP			Contact Bulldog
<b>D11R</b>	7PZ1-UP 9TR1-UP 9XR1-UP	3508B	2GR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-008SH

<b>Motor Graders</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
12F	89H1-1537 13K1-5286	3306		Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
12F 12G	89H1-1537 13K1-5286 61M1-UP	3306	3N1-79762	Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-003OF BD-3306-003IF BD-3306-003HS
12F 12G	89H1538-UP 13K5287-UP 61M1-UP	3306	3N79763-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-001OF BD-3306-001IF BD-3306-001HS
12G 12H	61M1-UP 3WC1-UP 4ER1-UP 8MN1-UP	3306	8Z1-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-007OF BD-3306-007IF BD-3306-007HS
12G 12H	61M1-UP 3WC1-UP 4ER1-UP 8MN1-UP	3306	8Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-024OF BD-3306-024IF BD-3306-024HS
12HES 12HNA	2LR1-UP 4XM1-UP	3306	8Z1-UP			Contact Bulldog

14E	72G1-1340 12K1-2198	3306		Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-014OF BD-3306-014IF BD-3306-014HS
14E 14G	72G1-UP 12K1-UP 96U1-UP	3306	3N1-79762	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-015OF BD-3306-015IF BD-3306-015HS
14E 14G	72G1-UP 12K1-UP 96U1-UP	3306	3N79763-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-002OF BD-3306-002IF BD-3306-002HS
14G 14H	96U4298-UP 7WJ1-UP	3306	8Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-024OF BD-3306-024IF BD-3306-024HS

16G	93U1179-2678	3406	70V4105-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-023OF BD-3406-023IF BD-3406-023HS
16G	93U2679-UP	3406	70V36899-UP 11N1449-UP	DITA Engines With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-028OF BD-3406-028IF BD-3406-028HS
16HNA	6ZJ1-UP	3406	11N13000-UP 41Z1-UP	DITA Engines With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-028OF BD-3406-028IF BD-3406-028HS

<b>Motor Graders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>112F</b>	80J1-401 89J1-1895	3304	78P1-UP	Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-011OF BD-3304-001IF BD-3304-001HS
<b>112F</b>	80J402-UP 89J1896-UP	3304	78P1-UP	Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-003OF BD-3304-003IF BD-3304-003HS

<b>120</b>	14K1-2263 10R1-2881 13U1-777	3306		Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
<b>120</b> <b>120B</b>	10R2882-UP 13U778-UP 32C100-UP 64U1-UP	3306	3N1-UP  47V1-UP 60Z1-UP	Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-003OF BD-3306-003IF BD-3306-003HS
<b>120G</b>	82V1-UP 87V1-UP	3304	78P1-47087	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-004OF BD-3304-004IF BD-3304-004HS
<b>120G</b>	82V1-UP 87V1-UP	3304	78P47088-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-007OF BD-3304-007IF BD-3304-007HS
<b>120G</b>	87V5275-UP 11W1251-UP 4HD1-UP	3304	7Z1-UP  9CB1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS
<b>120H</b>	5FM1-UP 6TM1-UP	3116	98Z1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>120HES</b>	6NM1-UP	3116	98Z1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>120HNA</b>	2AN1-UP 4MK1-UP	3116	98Z1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

Motor Graders						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
130G	74V1-UP	3304	78P1-47087	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-004OF BD-3304-004IF BD-3304-004HS
130G	74V1340-UP	3304	78P47088-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-007OF BD-3304-007IF BD-3304-007HS
130G	74V1-UP 12W1082-UP	3304	7Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS

135H	8WN1-UP	3116	98Z1-UP			Contact Bulldog
135HNA	3YK1-UP	3116	98Z1-UP			Contact Bulldog

140	11R1-690 14U1-430	3306		Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-014OF BD-3306-014IF BD-3306-014HS
140G	72V1-UP 81V1-UP	3306	3N1-79762	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-015OF BD-3306-015IF BD-3306-015HS
140G	72V1-UP	3306	3N79763-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-002OF BD-3306-002IF BD-3306-002HS
140G	72V1-UP 13W741-UP	3306	8Z1-UP 6NC1-UP 8Z1-UP 6NC1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-024OF BD-3306-024IF BD-3306-024HS
140H	5MD1-UP 5HM1-UP 8JM1-UP 8KM1-UP		8TD1-UP 8Z1-UP 8TD1-UP 6NC1-UP 8Z1-UP 6NC1-UP			
140HES	3AS1-UP	3306	8TD1-UP			Contact Bulldog
140HNA	2ZK1-UP 9TN1-UP	3306	8Z1-UP 6NC1-UP 8Z1-UP 6NC1-UP 8TD1-UP			Contact Bulldog

<b>Motor Graders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>143HNA</b>	1AL1-UP	3306	8Z1-UP 6NC1-UP			Contact Bulldog
<b>160G</b>	4JD1-UP	3306	8Z1-UP			Contact Bulldog
<b>160H</b>	2FM1-UP 3GM1-UP	3306	8Z1-UP 6NC1-UP 8TD1-UP			Contact Bulldog
<b>160HES</b>	2HS1-UP	3306	8Z1-UP 6NC1-UP 8TD1-UP			Contact Bulldog
<b>160HES</b>	6WM1-UP	3306	8Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-024OF BD-3306-024IF BD-3306-024HS
<b>160HNA</b>	9EJ1-UP	3306	8Z1-UP 6NC1-UP			Contact Bulldog
<b>163HNA</b>	5AK1-UP	3306	8Z1-UP 6NC1-UP			Contact Bulldog

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
205B	5ZF1-UP	3114	2FG1-UP			Contact Bulldog
206B	9BF1-UP	3114	2FG1-UP			Contact Bulldog
211B	6XG1-UP	3114	2FG1-UP			Contact Bulldog
212B	3PJ1-UP	3114	2FG1-UP			Contact Bulldog
213B	1EJ1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
214B	4CF1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
214BFT	9MF1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>215</b>	96L1-UP	3304	48V20897-UP	Non Turbocharged	Out of Frame Overhaul	BD-3304-010OF
<b>215</b>	57Y857-UP 14Z649-UP 61Z139-UP	3204	10X1-UP 10X5411-UP 10X5411-UP	Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-005OF BD-3204-005IF BD-3204-005HS
<b>215</b>	95Z1-UP	3304	12Z1-UP			Contact Bulldog
<b>215B</b>	4FC1-UP	3304	12Z1-UP			Contact Bulldog
<b>215B</b>	9YB1-UP	3304	12Z6564-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-009OF BD-3304-009IF BD-3304-009HS
<b>215B</b>	2XC1-UP 3LC1-UP	3204	45V35841-UP	Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-005OF BD-3204-005IF BD-3204-005HS
<b>215C</b>	4HG1-UP	3304	12Z21782-UP		Out of Frame Overhaul	BD-3304-009OF
<b>215D</b>	9TF1-UP	3304	12Z1-UP			Contact Bulldog
<b>219</b>	5CF1-UP	3304	12Z1-UP			Contact Bulldog
<b>219D</b>	5XG1-UP	3304	12Z34785-UP		Out of Frame Overhaul	BD-3304-009OF
<b>224B</b>	7WF1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>225</b>	51U2832-UP 61X381-UP	3208	79V4927-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3208-005OF BD-3208-005IF BD-3208-005HS
<b>225</b>	76U1-3764	3304	48V1-UP	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-004OF BD-3304-004IF BD-3304-004HS
<b>225B</b>	2ZD1-UP	3208	79V1-UP			Contact Bulldog
<b>225B</b>	3YD1-UP	3304	12Z16568-UP		Out of Frame Overhaul	BD-3304-009OF
<b>225D</b>	2SJ1-UP	3208	79V1-UP			Contact Bulldog
<b>225DLC</b>	6RG1-UP	3304	12Z32562-UP		Out of Frame Overhaul	BD-3304-009OF
<b>227</b>	10W1-UP	3208	79V8432-UP			Contact Bulldog
<b>229</b>	1GF1-UP	3208	79V1-UP			Contact Bulldog
<b>229</b>	1AG1-UP	3304	12Z16568-UP		Out of Frame Overhaul	BD-3304-009OF
<b>229D</b>	2LJ1-UP	3304	12Z32562-UP		Out of Frame Overhaul	BD-3304-009OF
<b>231D</b>	1NK1-UP 5WJ1-UP	3208	79V19550-UP 79V22200-UP		Out of Frame Overhaul Turbo Mounting	BD-3208-005OF CT-6V8045

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>235</b>	32K1-2676 64R1-1257 62X1-288 81X1-407 83X1-443	3306	3N1-79762 49V1-24220 3N1-79762 49V1-24220	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-015OF BD-3306-015IF BD-3306-015HS
<b>235</b>	32K1622-2676 62X285-288 81X366-407	3306	3N79763-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-002OF BD-3306-002IF BD-3306-002HS
<b>235</b>	32K2677-UP  64R1258-UP 62X289-UP  81X408-UP  83X444-UP	3306	8Z1-UP 6NC1-UP 13Z1-UP 8Z1-UP 6NC1-UP 8Z1-UP 6NC1-UP 13Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-037OF BD-3306-037IF BD-3306-037HS
<b>235B</b>	1FD1-UP 4ED1-UP 7WC1-UP 9PC1-UP	3306	8Z30441-41869 13Z10595-15162 8Z30441-41869 13Z10595-15162	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-037OF BD-3306-037IF BD-3306-037HS
<b>235C</b>	2PG1-UP 3WG1-UP  4DG1-UP 5AF1-UP	3306	13Z15163-UP 8Z41870-UP 6NC1-UP 13Z15163-UP 8Z41870-UP 6NC1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-037OF BD-3306-037IF BD-3306-037HS CT-5P8772
<b>235D</b>	8KJ1-UP	3306	8Z66174-UP 6NC1-UP		Out of Frame Overhaul	BD-3306-037OF
<b>235D</b>	8TJ1-UP	3306	13Z1-UP			Contact Bulldog
<b>245</b>	95V731-UP 82X475-UP 84X1-UP	3406	70V5678-UP	P.C. or D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-009OF BD-3406-009IF BD-3406-009HS
<b>245B</b>	1SJ1-712 6MF1-512	3406	70V26356-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-018OF Contact Bulldog BD-3406-018HS
<b>245B</b>	1SJ713-UP 6MF513-UP	3406	11N1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-018OF Contact Bulldog BD-3406-018HS
<b>245D</b>	4LK1-UP 7ZJ1-UP	3406	11N1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-018OF Contact Bulldog BD-3406-018HS

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>320</b>	4ZJ1-UP 7WK1-UP	3116	1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>320L</b>	1TL1-UP 3XK1-UP	3116	1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>320N</b>	9WG1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>320S</b>	6KM1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

<b>322</b>	7WL1-UP	3116	1CK1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>322B</b>	3NR1-UP 5CR1-UP	3116	1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>322BL</b>	1AS1-UP 1YS1-UP 8NR1-UP	3116	98Z16500-UP 1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>322L</b>	8CL1-UP 8ML1-UP 9RL1-UP	3116	98Z4000-UP 1CK1-UP 4TF11600-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>322LN</b>	4RM1-UP	3116	4TF11600-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>322N</b>	9JL1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>325</b>	5WK1-UP 6RM1-UP 7TG1-UP  8JG1-UP  8NL1-UP 8YK1-UP 9SG1-UP 9ZK1-UP	3116	1CK1-UP 98Z1-UP  4TF2472-UP 1CK1-UP 4TF2472-UP 1CK1-UP 98Z1-UP 4TF2472-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>325B</b>	8GM1-UP 8PR1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>325BL</b>	1GS1-UP 2JR1-UP 7EN1-UP 8RR1-UP	3116	1CK1-UP 98Z1-UP 1CK1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>325L</b>	2JK1-UP  2SL1-UP 6KK1-UP 7CJ1-UP  7LJ1-UP 7LM1-UP 8NK1-UP	3116	98Z1-UP 4TF2472-UP  1CK1-UP  4TF2472-UP  98Z1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>325LN</b>	2SK1-UP 3LL1-UP	3116	4TF2472-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

<b>330</b>	8RL1-UP 9NG1-UP 9PJ1-UP 9WJ1-UP	3306	10Z1-UP			Contact Bulldog
<b>330</b>	2ZM1-UP	3306	8Z1-UP			Contact Bulldog
<b>330</b>	6ZK1-UP	3306	13Z1-UP			Contact Bulldog
<b>330BL</b>	6DR1-UP	3306	8Z91662-UP 6NC1-UP		Out of Frame Overhaul	BD-3306-037OF
<b>330L</b>	5YM1-UP	3306	8Z1-UP			Contact Bulldog
<b>330L</b>	6SK1-UP 6WJ1-UP 8FK1-UP 9ML1-UP	3306	10Z1-UP			Contact Bulldog
<b>330L</b> <b>330LN</b>	2EL1-UP 8CK1-UP	3306	13Z1-UP			Contact Bulldog

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>350</b> <b>350L</b>	7RK1-UP 9DK1-UP	3306	10Z1-UP			Contact Bulldog
<b>350</b> <b>350L</b>	2ZL1-UP 3ML1-UP	3306	8Z70000-UP 6NC1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-037OF BD-3306-037IF BD-3306-037HS
<b>350</b> <b>350L</b>	8HK1-UP 9FL1-UP	3306	13Z29000-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-037OF BD-3306-037IF BD-3306-037HS
<b>375</b>  <b>375L</b>	6NK1-UP 8WJ1-UP 8XG1-UP 1JM1-UP 6RL1-UP 9WL1-UP	3406 3406C	11N1-UP 41Z1787-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-018OF Contact Bulldog BD-3406-018HS
<b>5080</b>	6XK1-UP 8SL1-UP	3406	11N1-UP			Contact Bulldog
<b>5130</b>	5ZL1-UP 7TJ1-UP	3508	7YG1-UP			Contact Bulldog
<b>5130B</b>	4CS1-UP	3508B	2GR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-008SH

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>E110B</b>	5GK1-UP 8MF1-UP	3114	2ZF1-UP			Contact Bulldog
<b>E120B</b>	4XK1-UP 6JF1-UP	3114	2ZF1-UP			Contact Bulldog
<b>E180</b>	1RF1-UP	3204	45V1-UP			Contact Bulldog
<b>EL180</b>	4EF1-UP	3204	45V1-UP			Contact Bulldog
<b>E200B</b>	6KF1-UP	3116	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>EL200B</b>	7DF1-UP	3116	1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>E240</b>	1FG1-UP	3304	9Z1-UP			Contact Bulldog
<b>EL240</b>	4JF1-UP	3304	9Z1-UP			Contact Bulldog
<b>E240B</b>	8SF1-UP 9PF1-UP	3116	1CK1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>EL240B</b>	5WG1-UP 6MG1-UP	3116	1CK1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>E240C</b>	2RL1-UP	3116	1CK1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>EL240C</b>	9PC1-UP	3116	1CK1-UP			Contact Bulldog

<b>Excavators &amp; Loggers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>E300</b>	2CF101-UP	3306	10Z9394-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-037OF BD-3306-037IF BD-3306-037HS CT-5P8772
<b>E300B</b>	1WJ1-UP	3306	10Z16955-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-037OF BD-3306-037IF BD-3306-037HS CT-5P8772
<b>EL300</b>	4NF101-UP	3306	10Z9394-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-037OF BD-3306-037IF BD-3306-037HS CT-5P8772
<b>EL300B</b>	3FJ1-UP	3306	10Z16955-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-037OF BD-3306-037IF BD-3306-037HS CT-5P8772

<b>Backhoe Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
446	6XF1-UP	3114	2FG1-UP			Contact Bulldog
446B	5BL1-UP	3114	97Z1-UP 2FG1-UP			Contact Bulldog
446B	5BL1-2499	3114	4RR1-UP			Contact Bulldog
446D	DBL1-UP	3114	2FG1-UP			Contact Bulldog

<b>Skidders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>508</b>	2HD1-UP 9NC1-UP	3204	45V1-UP 7YJ1-UP			Contact Bulldog
<b>515</b>	4LR1-UP	3304	7Z1-UP			Contact Bulldog
<b>518</b>	50S1-596 55U1-151	3304		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-002OF BD-3304-002IF BD-3304-002HS
<b>518</b>	50S597-UP 55U152-UP	3304	78P1-47087	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-004OF BD-3304-004IF BD-3304-004HS
<b>518</b>	50S2337-UP 55U486-UP	3304	78P47088-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-007OF BD-3304-007IF BD-3304-007HS
<b>518</b>	94U1-2499 95U1-3199	3304	7Z1-22263	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS
<b>518</b> <b>518C</b>	94U2500-UP 95U3200-UP 1CL1-UP 9HJ1-UP	3304	7Z22264-UP 7Z28000-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-3304-008IF BD-3304-008HS
<b>525</b>	1DN1-UP	3304	7Z31733-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS
<b>525B</b>	3KZ1-UP	3126	55K1-UP			Contact Bulldog

<b>Skidders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>528</b>	51S1-67	3306		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-014OF BD-3306-014IF BD-3306-014HS
<b>528</b>	51S68-UP 78W1-280	3306	3N1-79762	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-015OF BD-3306-015IF BD-3306-015HS
<b>528</b>	51S474-UP 78W281-365	3306	3N79763-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-002OF BD-3306-002IF BD-3306-002HS
<b>528</b>	96C1-UP 97C1-UP 78W366-UP	3306	8Z17443-UP 8Z977-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-024OF BD-3306-024IF BD-3306-024HS
<b>530B</b>	5BK1-UP	3306	8Z1-UP			Contact Bulldog
<b>D5H</b>	7EG1-UP	3304	9Z1-UP			Contact Bulldog

<b>Pipelayers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>561C</b>	92J1-390	3306		P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
<b>561C</b> <b>561D</b>	92J391-UP 54X1-503	3306	3N1-79762	P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-003OF BD-3306-003IF BD-3306-003HS
<b>561C</b> <b>561D</b>	92J512-UP 54X302-503	3306	3N79763-UP	P.C. Engines Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-001OF BD-3306-001IF BD-3306-001HS
<b>561D</b>	54X504-UP	3306	8Z446-UP	D.I. Engines Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-007OF BD-3306-007IF BD-3306-007HS
<b>571F</b> <b>572F</b>	95N1-192 96N1-178	3306		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-004OF BD-3306-004IF BD-3306-004HS
<b>571F</b> <b>571G</b> <b>572F</b> <b>572G</b>	95N193-UP 16W1-407 96N179-UP 40U1-970	3306	3N1-79762	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-011OF BD-3306-011IF BD-3306-011HS
<b>571F</b> <b>571G</b> <b>572F</b> <b>572G</b>	95N238-UP 16W408-UP 96N179-UP 40U630-970	3306	3N79763-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-002OF BD-3306-002IF BD-3306-002HS
<b>571G</b> <b>572G</b>	16W516-UP 5ZD1-UP 40U971-UP 8PC1-UP	3306	8Z16129-UP 10Z12071-UP 8Z16129-UP 10Z7130-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-025OF BD-3306-025IF BD-3306-025HS
<b>578</b>	8HB1-UP	3406	70V1-UP			Contact Bulldog
<b>589</b>	31Z1-UP	3408	48W18080-UP		Out of Frame Overhaul	BD-3408-011OF

<b>Wheel Tractors &amp; Scrapers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>613B</b>	38W1-5538	3160 Front Eng	79V1-5380	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-3208-001IF BD-3208-001HS
<b>613B</b>	38W5539-UP	3208 Front Eng	79V5381-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3208-001OF BD-3208-001IF BD-3208-001HS
<b>613C</b>	92X1-UP	3208 Front Eng	79V1-UP			Contact Bulldog
<b>613C</b>	93X2780-UP	3116 Front Eng	98Z1003-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-002OF BD-3116-002HS
<b>613C</b>	8LJ1-UP	3116 Front Eng	4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-002OF BD-3116-002HS

<b>615</b>	46Z1-UP	3306 Front Eng	8Z7769-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-006IF BD-3306-006HS CT-5P8772
<b>615C</b>	5TF1-UP 2XG1-UP 9XG1-UP	3306 Front Eng	8Z42148-UP 6NC1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-006IF BD-3306-006HS CT-5P8772

<b>621B</b>	45P1-UP	3406 Front Eng	70V3145-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-016OF Contact Bulldog BD-3406-016HS
<b>621E</b>	2PD1-UP 6AB1-UP	3406 Front Eng	70V22151-UP 11N1-7399	Spacer Plated Turbocharged With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-024OF BD-3406-024IF BD-3406-024HS
<b>621F</b>	4SK1-UP 8PL1-UP	3406 Front Eng	11N7400-UP 41Z469-UP	Spacer Plated Turbocharged With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-029OF BD-3406-029IF BD-3406-029HS
<b>621G</b>	ALP1-UP CEN1-UP	3406E	BET1-UP	Spacer Plated Turbocharged		Contact Bulldog

<b>Wheel Tractors &amp; Scrapers</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
<b>623B</b>	46P1-UP	3406 Front Eng	70V3145-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-016OF Contact Bulldog BD-3406-016HS
<b>623E</b>	6CB1-UP 6YF1-UP	3406 Front Eng	70V22151-UP 11N1-UP	Spacer Plated Turbocharged With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-024OF BD-3406-024IF BD-3406-024HS
<b>623F</b>	5EW1-UP 6BK1-UP	3406C Front Eng	11N7400-UP 41Z504-UP	Spacer Plated Turbocharged With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-029OF BD-3406-029IF BD-3406-029HS
<b>623G</b>	ARW1-UP CES1-UP	3406E	BET1-UP	Spacer Plated Turbocharged		Contact Bulldog

<b>627</b>	54K1-842 68M1-788	3306 Front Eng		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-012OF BD-3306-012IF BD-3306-012HS CT-5P8772
	50K1-831 69M1-789	3306 Rear Eng				
<b>627B</b>	14S1-UP 15S1-UP	3306 Front Eng	3N1-79762	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-013OF *BD-3306-013IF *BD-3306-013HS *CT-5P8772
	37V1-UP 38V1-UP	3306 Rear Eng				
<b>627B</b>	14S781-UP 15S1073-UP	3306 Front Eng	3N79763-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-002OF *BD-3306-002IF *BD-3306-002HS *CT-5P8772
	37V762-UP 38V1069-UP	3306 Rear Eng				
<b>627B</b>	14S1080-UP 15S1551-UP	3306 Front Eng	8Z7808-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-006IF BD-3306-006HS CT-5P8772
	37V1060-UP 38V1531-UP	3306 Rear Eng				

<b>Wheel Tractors &amp; Scrapers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>627E</b>	6EB1-UP 6GB1-UP	3306 Front Eng	8Z33309-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-035OF BD-3306-035IF BD-3306-035HS CT-5P8772
	6FB1-UP 6HB1-UP	3306 Rear Eng	8Z33309-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-035IF BD-3306-035HS CT-5P8772
		3406 Rear Eng	70V22151-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-024OF BD-3406-024IF BD-3406-024HS
<b>627E</b>	7CG1-UP	3406 Front Eng	70V33955-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-024OF BD-3406-024IF BD-3406-024HS
	3WJ1-UP	3306 Rear Eng	8Z59000-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-035IF BD-3306-035HS CT-5P8772
<b>627F</b>	1DL1-UP	3406C Front Eng	11N7400-UP 41Z504-UP	D.I. Engines Spacer Plated Turbocharged 3406 with 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-024OF BD-3406-024IF BD-3406-024HS
	4YK1-UP	3306 Rear Eng	8Z72000-UP 6NC1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-035IF BD-3306-035HS CT-5P8772

<b>Wheel Tractors &amp; Scrapers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>631D</b>	24W1-UP	3408 Front Eng	48W950-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3408-001OF BD-3408-001IF BD-3408-001HS BD-3408-001SH
<b>631E</b>	1NB1-871	3408 Front Eng	77M1-UP		Out of Frame Overhaul	BD-3408-011OF
<b>631E</b>	1AB1-1639 1NB872-1389	3408 Front Eng	48W19968-UP	D.I. Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-011OF BD-3408-011IF BD-3408-011HS
<b>631E</b>	1AB1640-UP 1NB1390-UP	3408E Front Eng	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-017OF BD-3408-017HS

<b>633D</b>	25W1-UP	3408 Front Eng	48W950-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3408-001OF BD-3408-001IF BD-3408-001HS BD-3408-001SH
<b>633E</b>	2PS1-UP	3408E Front Eng	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-017OF BD-3408-017HS

<b>Wheel Tractors &amp; Scrapers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>637</b>	65M430-UP 79P527-UP	D343 Front Eng		D.I. Engines Spacer Plated Turbocharged		Contact Bulldog
	64M198-381 91N1-563 92N1-232	3306 Rear Eng		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-012OF BD-3306-012IF BD-3306-012HS CT-5P8772
<b>637B</b> <b>637D</b>		3408 Front Eng				Contact Bulldog
	26R1-UP 20W1-494 21W1-467 22W1-1067 23W1-1043	3306 Rear Eng	3N1-79762	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-013OF BD-3306-013IF BD-3306-013HS CT-5P8772
<b>637D</b>		3408 Front Eng				Contact Bulldog
	20W1-494 21W1-467 22W1-1067 23W1-1043	3306 Rear Eng	3N79763-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-002OF *BD-3306-002IF *BD-3306-002HS *CT-5P8772
<b>637D</b>	26W1-UP 27W1-UP	3408 Front Eng	48W950-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3408-001OF BD-3408-001IF BD-3408-001HS BD-3408-001SH
	20W495-UP 21W468-UP 22W1068-UP 23W1044-UP 4JB1-UP	3306 Rear Eng	8Z7808-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-035IF BD-3306-035HS CT-5P8772
<b>637E</b>	1FB1-659 1JB1-UP	3408 Front Eng	48W19968-UP	D.I. Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-011OF BD-3408-011IF BD-3408-011HS
	1HB1-UP 1LB1-UP 7CB1-UP	3306 Rear Eng	8Z27183-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-035IF BD-3306-035HS CT-5P8772
<b>637E</b>	1FB660-UP	3408E Front Eng	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-017OF BD-3408-017HS
	1HB1-UP 1LB1-UP 7CB1-UP	3306 Rear Eng	8Z27183-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required)	BD-3306-036OF BD-3306-035IF BD-3306-035HS CT-5P8772

<b>Wheel Tractors &amp; Scrapers</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
639D	99X1-UP	3408 Front Eng	48W950-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3408-001OF BD-3408-001IF BD-3408-001HS BD-3408-001SH
	88X700-UP	3306 Rear Eng	8Z7808-UP			Contact Bulldog

651E	89Z1-UP	3412 Front Eng	73W4208-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3412-007OF BD-3412-007IF BD-3412-007HS
651E	4YR1-UP 5XR1-UP	3412E Front Eng	80M450-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-013OF BD-3412-013HS BD-3412-013SH

657E	90Z1-UP 91Z1-UP	3412 Front Eng	73W3857-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3412-007OF BD-3412-007IF BD-3412-007HS
	86Z1-UP	3408 Rear Eng	48W19977-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-011OF BD-3408-011IF BD-3408-011HS
657E	5YR1-UP 6TR1-UP	3412E Front Eng	80M1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-013OF BD-3412-013HS BD-3412-013SH
	6PR1-UP 7KR1-UP	3408E Rear Eng	99C1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3408-017OF BD-3408-017HS

<b>Mine Trucks</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>768C</b>	2X1-UP	3408	48W1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-007OF BD-3408-007IF BD-3408-007HS
<b>769C</b>	1X1-UP	3408	48W1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-007OF BD-3408-007IF BD-3408-007HS
<b>769D</b>	5SS1-UP 5TR1-UP	3408E	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-015OF BD-3408-017HS
<b>771C</b>	3BJ1-UP	3408	48W37000-UP		Out of Frame Overhaul	BD-3408-007OF
<b>771D</b>	6JR1-UP	3408E	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-015OF BD-3408-017HS
<b>772B</b>	64W1-UP	3412	73W1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3412-005OF BD-3412-005IF BD-3412-005HS
<b>773B</b>	63W1-UP	3412	73W1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3412-005OF BD-3412-005IF BD-3412-005HS
<b>773D</b>	7CS1-UP 7ER1-UP	3412E	80M1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3412-013HS BD-3412-013SH
<b>775B</b>	7XJ1-UP	3412	73W13990-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3412-005OF BD-3412-005IF BD-3412-005HS
<b>775D</b>	6KR1-UP 8AS1-UP	3412E	80M1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3412-013HS BD-3412-013SH

<b>Mine Trucks</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
776B	6JC1-UP	3508	99W1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-001SH
776C	2TK1-UP	3508	7YG1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
776D	5ER1-UP	3508B	2GR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-008SH

777B	4YC1-UP	3508	99W1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-001SH
777C	4XJ1-UP	3508	7YG1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
777D	3PR1-UP	3508B	2GR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-008SH

784B	5RK1-UP	3512	4WJ1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
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785	8GB1-UP	3512	96Z1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
785B	6HK1-UP	3512	4WJ1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
785C	1HW1-UP	3512B	8BR1-UP			Contact Bulldog

789	9ZC1-UP	3516	54Z1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
789B	7EK1-UP	3516	2PK1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH

<b>Mine Trucks</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>793</b>	3SJ1-UP	3516	54Z1-UP			Contact Bulldog
<b>793B</b>	1HL1-UP	3516	2PK1-UP			Contact Bulldog
<b>793C</b>	4AR1-UP 4GZ1-UP	3516B	7TR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3516-011SH
<b>D20D</b>	9MG1-UP	3116	4TF1-UP			Contact Bulldog
<b>D25C</b> <b>D25D</b>	9YC1-UP 1HK1-UP	3306	13Z1-UP 7JB1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772
<b>D30C</b> <b>D30D</b>	7ZC1-UP 3AJ1-UP	3306	13Z1-UP 7JB1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772
<b>D35C</b>	2GD1-UP	3306	13Z1-UP 7JB1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772
<b>D35HP</b>	3FD1-UP	3406B	6TB8309-UP			Contact Bulldog
<b>D40D</b>	2JJ1-UP	3406	11N1-UP 70V28930-UP			Contact Bulldog

<b>Mine Trucks</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
<b>D250B</b> <b>D250E</b>	5WD1-UP 5TN1-UP	3306	13Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772
<b>D250D</b> <b>D250E</b>	6NG1-UP 5TN1-UP	3116	4TF1-UP			Contact Bulldog

<b>D300B</b> <b>D300D</b>	4SD1-UP 5MG1-UP	3306	13Z1-UP 7JB1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772
<b>D300E</b>	7FN1-UP	3306	13Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772

<b>D350C</b> <b>D350D</b>	8XC1-UP 9RF1-UP	3306	13Z1-UP 7JB1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-031OF *BD-3306-0311F *BD-3306-031HS *CT-5P8772
<b>D350E</b>	9LR1-UP	3406C	41Z1-UP			Contact Bulldog
<b>D350E</b>	2XW1-UP	3406E	9AP1-1799	Spacer Plated Turbocharged		Contact Bulldog

<b>D400D</b>	8TF1-UP	3406	70V28930-UP			Contact Bulldog
<b>D400E</b>	2YR1-UP	3406C	41Z1-UP			Contact Bulldog
<b>D400E</b>	8PS1-UP APF1-UP	3406E	9AP1-1799	Spacer Plated Turbocharged		Contact Bulldog

<b>Compactors &amp; Wheel Dozers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>814</b>	90P1-202	3306		P.C. Engines	Out of Frame Overhaul	BD-3306-020OF
<b>815</b>	91P1-527			Non Spacer Plated	In Frame Overhaul	BD-3306-020IF
<b>816</b>	57U1-197			Turbocharged	Cylinder Head Replacement	BD-3306-020HS
<b>814</b>	90P203-UP 14R1-UP	3306	3N1-79762 49V1-24220	P.C. Engines Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul	BD-3306-021OF BD-3306-021IF
<b>815</b>	91P528-UP 15R1-UP			Turbocharged	Cylinder Head Replacement	BD-3306-021HS
<b>816</b>	57U198-UP					
<b>814</b>	90P440-UP	3306	3N79763-UP	P.C. Engines	Out of Frame Overhaul	BD-3306-022OF
<b>815</b>	91P1516-UP			Spacer Plated	In Frame Overhaul	BD-3306-022IF
<b>816</b>	57U655-UP			Turbocharged	Cylinder Head Replacement	BD-3306-022HS
<b>814B</b>	16Z1-UP	3306	8Z1-UP	D.I. Engines	Out of Frame Overhaul	BD-3306-023OF
<b>815B</b>	17Z1-UP			Spacer Plated	In Frame Overhaul	BD-3306-023IF
<b>816B</b>	15Z1-UP			Turbocharged	Cylinder Head Replacement	BD-3306-023HS
<b>814F</b>	9DM1-UP	3306	8Z86460-UP			Contact Bulldog
<b>815F</b>	1GN1-UP		6NC1-UP			
<b>816F</b>	5FN1-UP					

<b>824C</b>	85X1-1193	3406	70V5389-UP 11N1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul	BD-3406-001OF BD-3406-001IF
<b>825C</b>	86X1-730			Non Aftercooled	Cylinder Head Replacement	BD-3406-001HS
<b>826C</b>	87X1-586			With 19 Bolt Flywheel Housing		
<b>824C</b>	85X1194-UP	3406	70V21372-UP 11N1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul	BD-3406-022OF BD-3406-022IF
<b>825C</b>	86X731-UP			Non Aftercooled	Cylinder Head Replacement	BD-3406-022HS
<b>826C</b>	87X587-UP			With 19 Bolt Flywheel Housing		
<b>824C</b>	85X1194-UP	3406	70V21372-UP 11N1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul	BD-3406-027OF BD-3406-022IF
<b>825C</b>	86X731-UP			Non Aftercooled	Cylinder Head Replacement	BD-3406-022HS
<b>826C</b>	87X587-UP			With 24 Bolt Flywheel Housing		
<b>824G</b>	4SN1-UP	3406C	41Z212-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul	BD-3406-027OF BD-3406-027IF
<b>825G</b>	6RN1-UP			Aftercooled	Cylinder Head Replacement	BD-3406-027HS
<b>826G</b>	7LN1-UP			With 24 Bolt Flywheel Housing		
<b>824G</b>	AWW1-UP	3406E	BKN1-UP	Spacer Plated		Contact Bulldog
<b>825G</b>	AXB1-UP			Turbocharged		
<b>826G</b>	AYH1-UP					

<b>Compactors &amp; Wheel Dozers</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>834B</b>	7BR1-UP	3408E	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-015OF BD-3408-015HS
<b>836</b>	3RL1-UP	3408	48W35200-UP			Contact Bulldog
<b>836</b>	7FR1-UP	3408E	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-015OF BD-3408-015HS
<b>844</b>	2KZ1-UP	3412E	80M861-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-011OF BD-3412-013HS BD-3412-013SH
<b>854G</b>	1JW1-UP	3508B	2GR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-008SH
<b>CB434</b>	3TF218-UP	3114	97Z1-UP			Contact Bulldog

Integrated Toolcarriers						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
IT12	2YC1-UP 4NC1-UP	3204	45V44955-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
IT12B	1KF1-819	3114	2ZF1-4199			Contact Bulldog
IT12F	1KF820-UP	3114	2ZF4200-UP			Contact Bulldog
IT14B	3NJ1-UP	3114	2ZF1-UP			Contact Bulldog
IT14F	4EL1-UP	3114	2ZF1-UP			Contact Bulldog
IT18	7ZB1-UP 9NB1-UP	3204	45V42186-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
IT18B	1DF1-UP 2NJ1-UP 4ZD1-UP	3204	45V57072-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
IT18F	5EJ1-UP 6ZF1-UP	3114	2FG2789-UP 97Z156-UP			Contact Bulldog
IT24F	4NN1-UP 6KN1-UP	3114	97Z1450-UP 2FG4659-UP 4RR1510-UP			Contact Bulldog
IT28	8JB1-UP 2KC1-UP	3204	45V39562-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
IT28B	1HF1-UP 1JK1-UP 5SD1-UP	3204	45V56301-UP 7YJ1-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
IT28F	1JL1-UP 3CL1-UP	3116	4TF8700-UP 98Z820-UP			Contact Bulldog
IT38F	5DR1-UP 6FN1-UP	3116	4TF22700-UP 98Z7720-UP			Contact Bulldog

<b>Wheel Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>910</b>	80U1-UP 40Y1-UP 41Y1-UP	3204	45V1-UP 45V1-32984 45V1-33060	P.C. & D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-001OF BD-3204-001IF BD-3204-001HS
<b>910</b>	40Y1-UP 41Y1-UP	3204	45V32985-39866 45V33061-40043	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-002OF BD-3204-002IF BD-3204-002HS
<b>910</b>	40Y1-UP 41Y1-UP	3204	45V39867-UP 45V40044-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS
<b>G910</b>	3SD1-UP 8GD1-UP	3204	45V53573-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS
<b>910E</b>	1SF1-1103	3114	2ZF1-4199			Contact Bulldog
<b>910F</b>	1SF1104-UP	3114	2ZF4200-UP			Contact Bulldog
<b>916</b>	2XB1-UP	3204	45V39562-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
<b>G916</b>	5GD1-UP	3204	45V42589-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
<b>918F</b>	2CK1-UP 3TJ1-UP 5DL1-UP	3114	2FG1600-UP 2ZF568-UP			Contact Bulldog
<b>920</b>	41J1-2576 62K1-4605	3304		P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-001OF BD-3304-001IF BD-3304-001HS
<b>920</b>	41J2577-UP 75J2157-UP 62K4606-10178	3304	48V1-52803 43V1-18853 78P1-47087	P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-003OF BD-3304-003IF BD-3304-003HS
<b>920</b>	41J4371-UP 75J3573-UP 62K10179-UP	3304	48V52804-UP 43V18854-UP 78P47088-UP	P.C. Engines Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-005OF BD-3304-005IF BD-3304-005HS
<b>924F</b>	4YN1-UP 5NN1-UP 6MN1-UP 7PN1-UP	3114	97Z1450-UP 2FG3960-UP 2ZF7483-UP 4RR1-UP			Contact Bulldog

<b>Wheel Loaders</b>						
Machine Model	Machine S/N	Engine Model	Engine S/N	Comments	Kit Description	Kit Number
<b>926</b> <b>926E</b>	94Z1-UP 4NB1-UP 8NB1-UP	3204	45V39562-UP 7YJ1-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS
<b>G926</b>	1SD1-UP 3TD1-UP	3204	45V39562-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-004OF BD-3204-004IF BD-3204-004HS

<b>928F</b>	2XL1-UP 7YM1-UP 8AK1-UP	3116	98Z1-UP 1CK1-UP 4TF8700-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-002OF BD-3116-002HS
<b>928G</b>	7SR1-UP 6XR1-UP	3116	98Z131-UP 4TF25000-UP 6RR450-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-002OF BD-3116-002HS

<b>930</b>	79J1-2223 41K1-3207	3304		P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-001OF BD-3304-001IF BD-3304-001HS
<b>930</b>	79J2224-UP 41K3208-UP 73U352-UP	3304	48V1-52799 78P1-45003 43V1-18890	P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-003OF BD-3304-003IF BD-3304-003HS
<b>930</b>	79J3733-UP 41K7873-UP 73U1313-UP	3304	48V52800-UP 78P45004-UP 43V18891-UP	P.C. Engines Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-005OF BD-3304-005IF BD-3304-005HS

<b>936</b> <b>936E</b>	33Z1-UP 45Z1-UP 4SB1-UP	3304	7Z7403-UP 12Z1502-UP 9Z6248-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-009OF BD-3304-009IF BD-3304-009HS
<b>936F</b>	4TK1-UP 8AJ1-UP 9MK1-UP	3304	12Z45000-UP 7Z27900-UP 9Z6248-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-009OF BD-3304-009IF BD-3304-009HS
<b>G936</b>	3HD1-UP 4ND1-UP 8ED1-UP	3304	7Z15006-UP 12Z15981-UP 9Z5500-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-009OF BD-3304-009IF BD-3304-009HS

<b>938F</b>	1KM1-UP 2RM1-UP 7SN1-UP	3116	98Z5104-UP 4TF14130-UP			Contact Bulldog
<b>938G</b>	4YS1-UP 6WS1-UP 8RS1-UP 9HS1-UP	3126	55K500-UP 3AK1-UP 6JK1-UP			Contact Bulldog

<b>Wheel Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>950</b>	81J1-5410	3304		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-002OF BD-3304-002IF BD-3304-002HS
<b>950</b>	43J1-13854 73J3957-UP 81J5411-UP	3304	48V1-52797 43V1-18955 78P1-47087	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-004OF BD-3304-004IF BD-3304-004HS
<b>950</b>	43J13855-UP 73J7258-UP 81J11632-UP	3304	48V52798-UP 43V18956-UP 78P47088-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-007OF BD-3304-007IF BD-3304-007HS
<b>950B</b>	31R1-UP 63R1-6053 65R1-3087 22Z1-3188	3304	7Z1-UP 9Z1-UP 12Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS
<b>950E</b>	63R6054-UP 65R3088-UP 22Z3189-UP	3304	7Z1-UP 9Z1-UP 12Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS
<b>950F</b>	2LM1-UP 4DJ1-UP 5SK1-UP 6YG1-UP 7ZF1-UP 8TK1-UP	3116	98Z1-UP 1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-002OF BD-3116-002HS
<b>950G</b>	3JW1-UP 4BS1-UP 5FW1-UP	3126	55K1620-UP 55K1-UP 6JK155-UP			Contact Bulldog
<b>960F</b>	1YM1-UP 4CL1-UP 6XL1-UP 9ZJ1-UP	3116	98Z1-UP 1CK1-UP 4TF1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-002OF BD-3116-002HS
<b>962G</b>	4PW1-UP 5AS1-UP 6EW1-UP 6HW1-UP 7BW1-UP	3126	55K1620-UP 55K1-UP 55K2081-3590 3AK117-UP 6JK171-UP			Contact Bulldog

<b>Wheel Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>966C</b>	30K1-1624 42J1-6388 42J1-3565	3306		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-020OF BD-3306-020IF BD-3306-020HS
<b>966C</b>	78G1001-UP 42J3566-UP 76J6389-UP 30K1625-UP	3306	44V1-22484 49V1-UP 3N1-79762	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-021OF BD-3306-021IF BD-3306-021HS
<b>966C</b>	78G2871-UP 76J12667-UP 30K2972-UP	3306	44V22485-UP 3N79763-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-022OF BD-3306-022IF BD-3306-022HS
<b>966C</b>	18B596-UP 9KC1-UP	3306	8TD1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-023OF BD-3306-023IF BD-3306-023HS
<b>966D</b>	35S1-2522 94X1-6488 99Y1-5314	3306	10Z1-UP 13Z1-UP 8Z1731-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-023OF BD-3306-023IF BD-3306-023HS
<b>966E</b>	35S2523-UP 94X6489-UP 99Y5315-UP	3306	10Z1-UP 13Z14225-UP 8Z41502-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-023OF BD-3306-023IF BD-3306-023HS
<b>966F</b>	1SL1-UP 3XJ1-UP 4YG1-UP 8BG1-UP 9YJ1-UP	3306	8Z57583-UP 10Z1-UP 13Z22389-UP 6NC1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-023OF BD-3306-023IF BD-3306-023HS
<b>970F</b>	7PL1-UP 7SK1-UP 9JK1-UP	3306	8Z70280-UP 10Z1-UP 13Z28100-UP 6NC1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-023OF Contact Bulldog Contact Bulldog

<b>Wheel Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>980B</b>	89P1-2167	3306		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-012OF BD-3306-012IF BD-3306-012HS
<b>980B</b>	89P2168-UP	3306	3N1-UP	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-016OF BD-3306-016IF BD-3306-016HS
				For Engines Converted to Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-017OF BD-3306-017IF BD-3306-017HS
<b>980C</b>	13B300-UP 63X1-UP 2XD1-UP	3406	81Y1-UP 11N1-1475 70V4683-UP	Spacer Plated Turbocharged Non Aftercooled With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-001OF BD-3406-001IF BD-3406-001HS
<b>980C</b>	63X6575-UP	3406	11N1476-UP	Spacer Plated Turbocharged Non Aftercooled With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-027OF BD-3406-027IF BD-3406-027HS
<b>980F</b>	3HK1-UP 5XJ1-UP 8CJ1-UP 8JN1-UP	3406	11N1-UP	Spacer Plated Turbocharged Non Aftercooled With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-022OF BD-3406-022IF BD-3406-022HS
<b>980F</b>	3HK1-UP 4RN1-UP 8CJ1-UP 8JN1-UP	3406	11N1-UP	Spacer Plated Turbocharged Non Aftercooled With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-027OF BD-3406-027IF BD-3406-027HS
<b>980G</b>	2KR1-UP 2SR1-UP 9CM1-UP	3406C	41Z1-UP	Spacer Plated Turbocharged Aftercooled With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-027OF BD-3406-027IF BD-3406-027HS
<b>980G</b>	AWH1-UP AXG1-UP	3406E	BET1-UP	Spacer Plated Turbocharged		Contact Bulldog

<b>Wheel Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
988B	50W1-UP	3408	48W950-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-006OF Contact Bulldog BD-3408-006HS
988F	8YG1-UP	3408	48W35039-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-013OF BD-3408-013IF BD-3408-013HS
988F	2ZR1-UP	3408E	99C1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement	BD-3408-016OF BD-3408-016HS

990	7HK1-UP	3412	73W14650-UP			Contact Bulldog
990	4FR1-UP	3412E	80M1-UP	HEUI® Engines Injector O-Rings are NOT included	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-011OF BD-3412-013HS BD-3412-013SH

992C	42X1-UP 49Z1-UP	3412	73W1-UP		Out of Frame Overhaul	BD-3412-004OF
992D	7MJ1-UP		73W13888-UP			
992G	7HR1-UP	3508B	2GR1-UP	EUI Engines	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3508-008SH

994	9YF1-UP	3516	54Z1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-002SH
994D	3TZ1-UP	3516B	7TR360-UP			Contact Bulldog

<b>Crawler Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>931</b>	8N1-UP 10N1-UP 78U1-UP 81U1-UP	3204	45V1-UP	P.C. & D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-001OF BD-3204-001IF BD-3204-001HS
<b>931B</b>	25Y1-UP 26Y1-UP 29Y1-UP 30Y1-UP	3204	45V1-32893 45V1-32939	P.C. & D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-001OF BD-3204-001IF BD-3204-001HS
<b>931B</b>	25Y1-UP 26Y1-UP 29Y1-UP 30Y1-UP	3204	45V32894-40125 45V32940-40209	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-002OF BD-3204-002IF BD-3204-002HS
<b>931B</b>	25Y1-UP 26Y1-UP 29Y1-UP 30Y1-UP	3204	45V40126-UP 45V40210-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS
<b>931B</b>	4SC1-UP 6EC1-UP	3204	45V48070-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS
<b>931C</b>	2AK1-UP 2BJ1-UP 5LG1-UP 6AJ1-UP 6RF1-UP 7HF1-UP 8AF1-UP 9AJ1-UP	3204	45V69306-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-006OF BD-3204-006IF BD-3204-006HS

<b>935B</b>	3DF1-UP	3204	45V60736-UP		Out of Frame Overhaul	BD-3204-004OF
<b>935C</b>	5DJ1-UP 8CF1-UP	3204	45V69350-UP		Out of Frame Overhaul	BD-3204-004OF

<b>941</b> <b>941B</b>	70H1-2941 80H1-3883	3304		P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-011OF BD-3304-001IF BD-3304-001HS
<b>941</b> <b>941B</b>	70H2942-UP 16U226-UP 80H3884-UP	3304	48V1-UP 43V1-UP 78P1-47087	P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-003OF BD-3304-003IF BD-3304-003HS
<b>941B</b>	80H6455-UP	3304	78P47088-UP	P.C. Engines Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-005OF BD-3304-005IF BD-3304-005HS

<b>Crawler Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>943</b>	3Y1-UP 31Y1-UP 4Z1-UP 19Z1-UP	3204	10X1-UP 45V38842-UP	D.I. Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-003OF BD-3204-003IF BD-3204-003HS

<b>951B</b> <b>951C</b>	86J1-2597	3304		P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-011OF BD-3304-001IF BD-3304-001HS
<b>951C</b>	32F1197-UP 19H1969-UP 69H2520-UP 86J2598-UP	3304	43V50-18811 43V26-18816 48V1-UP 78P1-46320	P.C. Engines Non Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-003OF BD-3304-003IF BD-3304-003HS
<b>951C</b>	32F1555-UP 19H2474-UP 69H3509-UP 86J4719-UP	3304	43V18812-UP 43V18817-UP 48V38780-UP 78P46321-UP	P.C. Engines Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-005OF BD-3304-005IF BD-3304-005HS

<b>953</b>	5Z1-UP 20Z1-UP 44Z1-UP 76Y1-UP 77Y-UP 78Y1-UP	3204	10X1-UP 45V29936-UP	D.I. Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-003OF BD-3204-003IF BD-3204-003HS
<b>953B</b>	5MK611-UP	3116	4TF3496-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
<b>953C</b>	2ZN1-UP	3116	4TF19620-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS

<b>955K</b>	85J1-6246	3304		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-002OF BD-3304-002IF BD-3304-002HS
<b>955K</b> <b>955L</b>	64J5183-UP 71J4558-UP 85J6247-UP 57M1-UP 13X1-UP 8Y1-UP	3304	48V1-UP 43V155-UP 78P1-40899 43V12994-18825 78P1-47087 48V10946-52798	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-004OF BD-3304-004IF BD-3304-004HS
<b>955L</b>	57M1-UP 13X1-UP 8Y2723-UP	3304	78P47088-UP 43V18826-UP 48V52799-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-007OF BD-3304-007IF BD-3304-007HS

<b>Crawler Loaders</b>						
<b>Machine Model</b>	<b>Machine S/N</b>	<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>963</b>	29S1-UP 6Z1-UP 11Z1-UP 18Z1-UP 21Z1-UP 48Z1-UP	3304	7Z1-UP 9Z1-UP 12Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-008OF BD-3304-008IF BD-3304-008HS
<b>963B</b>	9BL1-UP	3116	4TF1-UP			Contact Bulldog
<b>973</b>	66G1-UP 86G1-UP 90L1-UP 91L1-UP 26Z1-UP 32Z1-UP	3306	8Z1-UP 10Z1-UP 13Z1-UP	D.I. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-025OF BD-3306-025IF BD-3306-025HS
<b>977K</b> <b>977L</b>	48J1-1058 11K1-5050	3306		P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-020OF BD-3306-020IF BD-3306-020HS
<b>977L</b>	48J1059-UP 11K5051-UP 14X1-UP 64X1-UP	3306	3N1-79762 49V1-24220	P.C. Engines Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-021OF BD-3306-021IF BD-3306-021HS
<b>977L</b>	14X1-UP 64X1-UP	3306	3N79763-UP 49V24221-UP	P.C. Engines Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-022OF BD-3306-022IF BD-3306-022HS
<b>983B</b>	58X1-UP	3406	70V1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-017OF Contact Bulldog Contact Bulldog

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3114</b>	Industrial Generator Set	1ZG1-UP 5EF1-UP 5JG1-UP 6AF1-UP			Contact Bulldog

<b>3116</b>	Industrial Generator Set	2MR1-UP 2WG1-UP 4PG1-UP 1NJ1-UP 2SG1-UP		Out of Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-002HS
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<b>3116</b>	Marine	1SK1-UP 4KG107-UP			Contact Bulldog
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<b>3126</b>	Industrial	3TR1-241			Contact Bulldog
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<b>3126</b>	Industrial	9ZR1-UP	2 Valves per Cylinder	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3126-007OF Contact Bulldog Contact Bulldog
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<b>3126B</b>	Industrial	BEJ1-UP			Contact Bulldog
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<b>3126</b>	Marine	8NM1-UP			Contact Bulldog
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<b>3145</b>	Industrial Generator Set	96M1-UP 65P1-UP 97M1-UP 66P1-UP 98M1-UP 67P1-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3208-001IF BD-3208-001HS BD-3208-001SH
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<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3204</b>	Industrial	2TB1-UP 7EB1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3204-007OF BD-3204-007IF BD-3204-007HS
<b>3208NA</b>	Industrial Generator Set	90N1-UP 29A225-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3208-001OF BD-3208-001IF BD-3208-001HS BD-3208-001SH
<b>3208T</b>	Industrial Generator Set	3Z1-UP 30A210-UP	Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3208-002OF BD-3208-002IF BD-3208-002HS BD-3208-002SH
<b>3208NA</b>	Marine	75V1-UP	Non Turbocharged	Out of Frame Overhaul Cylinder Head Replacement	BD-3208-003OF BD-3208-003HS
<b>3208T</b>	Marine	1Z1-26605 75V1-UP	Turbocharged NOT used with 1045617 Exhaust Manifold	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3208-004OF BD-3208-004HS BD-3208-004SH
<b>3208T</b>	Marine	1Z26602-UP	Turbocharged With 1045617 Exhaust Manifold	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement Aftercooler & Lines (if required)	BD-3208-006OF BD-3208-006HS BD-3208-006SH CT-9X8569

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3304</b>	Industrial	2B4364-11013 4B455-17153	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Expansion Tank (if required)	BD-3304-015OF BD-3304-015IF BD-3304-015HS CT-6V0621
<b>3304</b>	Industrial	2B11014-UP 4B17154-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Expansion Tank (if required)	BD-3304-012OF BD-3304-012IF BD-3304-012HS CT-6V0621
<b>3304</b> <b>3304B</b>	Industrial Generator Set	10E300-UP 83Z1-UP 3TC1-UP 6YB1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Expansion Tank (if required)	BD-3304-014OF BD-3304-014IF BD-3304-014HS CT-6V0621
<b>3304</b>	Marine	5B1387-2099	Non Spacer Plated Turbocharged	In Frame Overhaul Cylinder Head Replacement Expansion Tank (if required)	BD-3304-015IF BD-3304-015HS CT-6V0621
<b>3304B</b>	Marine	1PS1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Expansion Tank (if required)	BD-3304-014OF BD-3304-014IF BD-3304-014HS CT-6V0621
<b>G3304</b>	Natural Gas	37Y1-UP	Non Turbocharged *Order additional CT-8S1606 Valve Cover Gasket if engine is equipped with long valve train	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3304-013OF BD-3304-013IF BD-3304-013HS
<b>G3304</b>	Natural Gas	1RG1-UP			Contact Bulldog

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3306 D333C</b>	Industrial	66D1-UP	P.C. Engines Non Spacer Plated Turbocharged or Non Turbocharged	Out of Frame Overhaul Aftercooler & Lines (if required) Expansion Tank (if required)	BD-3306-034OF Multiple Options CT-6V0621
<b>3306</b>	Industrial	66D1-UP	P.C. Engines Spacer Plated Turbocharged or Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required) *Expansion Tank (if required)	BD-3306-032OF *BD-3306-032IF *BD-3306-032HS *Multiple Options *CT-6V0621
<b>3306 3306B</b>	Industrial Generator Set	64Z1-UP 85Z1-UP 1CZ1-UP 5JC1-UP 7JB1-UP 8JJ1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required) *Expansion Tank (if required)	BD-3306-033OF *BD-3306-033IF *BD-3306-033HS *Multiple Options *CT-6V0621
<b>3306</b>	Marine	67D1103-2863	Non Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-026OF BD-3306-026IF BD-3306-026HS
<b>3306</b>	Marine	67D2864-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-027OF BD-3306-027IF BD-3306-027HS
<b>3306B</b>	Marine	84Z1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-028OF BD-3306-028IF BD-3306-028HS
<b>G3306</b>	Natural Gas	7Y291-UP	Spacer Plated Turbocharged *Order additional CT-8S1605 Valve Cover Gasket if engine is equipped with long valve train	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Aftercooler & Lines (if required) Expansion Tank (if required)	BD-3306-029OF BD-3306-029IF BD-3306-029HS CT-6V1279 CT-6V0621
<b>G3306</b>	Natural Gas	7Y291-UP	Spacer Plated Non Turbocharged *Order additional CT-8S1605 Valve Cover Gasket if engine is equipped with long valve train	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Expansion Tank (if required)	Contact Bulldog Contact Bulldog BD-3306-030HS CT-6V0621
<b>G3306</b>	Natural Gas	3CF1-UP			Contact Bulldog

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3406A</b>	Industrial Generator Set	90U2159-UP 75Z1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3406-012OF *BD-3406-012IF *BD-3406-012HS *CT-1909861
<b>3406B</b>	Industrial Generator Set	6TB1-9856 2WB1-UP	With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-002OF BD-3406-002IF BD-3406-002HS
<b>3406B</b>	Industrial Generator Set	6TB1-9856 2WB1-UP	With 24 Bolt Flywheel Housing		Contact Bulldog
<b>3406C</b>	Industrial	6TB9857-UP	With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-002OF BD-3406-002IF BD-3406-002HS
<b>3406C</b>	Industrial	6TB9857-UP	With 24 Bolt Flywheel Housing		Contact Bulldog
<b>3406C</b>	Generator Set	1DZ1-UP 4ZR1-UP 8FS1-UP	With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-010OF BD-3406-002IF BD-3406-002HS
<b>3406C</b>	Industrial	3ER1-UP	With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-015OF BD-3406-008IF BD-3406-008HS
<b>3406E</b>	Generator Set	1MZ1-UP 8AZ1-UP			Contact Bulldog
<b>3406E</b>	Generator Set	9NN1-UP			Contact Bulldog
<b>3406E</b>	Industrial	6BR1-UP			Contact Bulldog

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3406A</b>	Marine	91U1-484		Out of Frame Overhaul	BD-3406-014OF
<b>3406A</b>	Marine	91U721-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-013OF BD-3406-013IF BD-3406-013HS
<b>3406B</b>	Marine	4TB1-3481		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-008OF BD-3406-008IF BD-3406-008HS
<b>3406C</b>	Marine	4TB3482-UP	With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-008OF BD-3406-008IF BD-3406-008HS
<b>3406C</b>	Marine	1SS1-UP	With 24 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-015OF BD-3406-008IF BD-3406-008HS
<b>3406E</b>	Marine	9WR1-UP			Contact Bulldog
<b>G3406</b>	Natural Gas	1RK1-UP 4FD1-UP	Spacer Plated Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-021OF BD-3406-021IF BD-3406-021HS
<b>G3406</b>	Natural Gas	1RK1-UP 4FD1-UP	Spacer Plated Turbocharged	Out of Frame Overhaul Cylinder Head Replacement	BD-3406-025OF Contact Bulldog
<b>G3406</b>	Natural Gas (Lean Burn)	1RK1-UP	Aftercooled Turbocharged	Out of Frame Overhaul	BD-3406-025OF

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3408</b> <b>3408B</b>	Industrial	67U1335-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-005OF BD-3408-005IF BD-3408-005HS
<b>3408</b> <b>3408B</b> <b>3408C</b>	Generator Set	78Z1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required) *Expansion Tank (if required)	BD-3408-005OF *BD-3408-005IF *BD-3408-005HS *CT-1247567 *CT-6V0237
<b>3408</b>	Marine	99U1-584		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-3408-003HS
<b>3408</b>	Marine	99U585-4588		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3408-004OF BD-3408-004IF BD-3408-004HS Contact Bulldog
<b>3408B</b> <b>3408C</b>	Marine	99U4589-UP 1TS1-UP	With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3408-004OF BD-3408-004IF BD-3408-004HS Contact Bulldog
<b>G3408</b>	Natural Gas	6NB1-UP	Aftercooled Turbocharged	Out of Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-3408-014HS
<b>G3408</b> <b>G3408B</b> <b>G3408C</b>	Natural Gas (Lean Burn)	6FW1-UP 8YR1-UP 6RJ1-UP 3WR1-UP	Aftercooled Turbocharged	Out of Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-3408-014HS

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3412</b>	Industrial Generator Set	38S1-16483 81Z1-14500		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-001OF BD-3412-001IF BD-3412-001HS BD-3412-002SH
<b>3412C</b>	Industrial Generator Set	38S16484-UP 81Z14501-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-001OF BD-3412-001IF BD-3412-001HS BD-3412-002SH
<b>3412C</b>	Generator Set	1EZ1-UP 2WJ1-UP	With 4 sequential Turbos	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Supplemental Turbo Kit	BD-3412-001OF BD-3412-001IF BD-3412-001HS BD-3412-002SH BD-3412-001TC
<b>3412E</b>	Industrial	4CR1-UP			Contact Bulldog
<b>3412B</b> <b>3412C</b>	Marine	60M1-UP 9BR1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3412-002OF BD-3412-002IF BD-3412-002HS BD-3412-002SH
<b>3412E</b>	Marine	9KS1-UP			Contact Bulldog
<b>3412E</b>	Marine	9PW1-UP			Contact Bulldog
<b>G3412</b>	Natural Gas	7DB1-UP	Non Aftercooled Non Turbocharged	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3412-008HS Contact Bulldog
<b>G3412</b>	Natural Gas	7DB1-UP	Aftercooled Turbocharged	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3412-010HS Contact Bulldog
<b>G3412</b> <b>G3412C</b>	Natural Gas	5KR1-UP 6ZM1-UP 9RR1-UP			Contact Bulldog
<b>G3412</b>	Natural Gas (Lean Burn)	3NK1-UP			Contact Bulldog

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3508</b>	Industrial	95Y1-UP 68Z1-UP	With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-003SH
			With Wet Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3508-006OF BD-3508-006HS BD-3500-004SH
<b>3508</b>	Generator Set	23Z1-UP 70Z1-UP	With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-003SH
			With Wet Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3508-006OF BD-3508-006HS BD-3500-004SH
<b>3508B</b>	Generator Set	2HW1-UP 4GM1-UP 6PN1-UP	With Dry Exhaust Manifolds (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3500-005SH

Stationary & Marine Engines					
Engine Model	Application	Engine S/N	Comments	Kit Description	Kit Number
3508	Marine	96Y1-UP 69Z1-UP	With Wet Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3508-006OF BD-3508-006HS BD-3500-004SH
3508 3508B	Marine	3PS1-UP 1TW1-UP 3DM1-UP 3DW1-UP 7SM1-UP	With Dry Exhaust Manifolds (Old EUI)  (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Single Head Replacement  Single Head Replacement	BD-3500-007SH  BD-3500-008SH
3508	Locomotive	6TJ1-UP			Contact Bulldog
G3508	Natural Gas	2JF1-UP	With Magneto Ignition System & Wet Exhaust Manifolds  With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement  Single Head Replacement	BD-3508-003OF BD-3508-003HS BD-3500-001SH  BD-3500-006SH
G3508	Natural Gas	4WD1-UP 9TG1-UP	With Electronic Ignition System & Wet Exhaust Manifolds  With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement  Single Head Replacement	BD-3508-004OF BD-3508-004HS BD-3500-001SH  BD-3500-006SH

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3512</b>	Industrial	49Y1-UP 51Y1-UP 65Z1-UP	With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3512-003OF BD-3512-003HS BD-3500-003SH
		49Y1-UP 65Z1-UP	With Wet Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-004SH
<b>3512</b>	Generator Set	24Z1-UP 67Z1-UP	With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3512-003OF BD-3512-003HS BD-3500-003SH
			With Wet Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-004SH
<b>3512B</b>	Generator Set	8RM1-UP	With Dry Exhaust Manifolds (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-008SH
<b>3512B</b>	Generator Set	4AW1-UP 6GW1-UP 6WN1-UP	With Dry Exhaust Manifolds (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3500-005SH

Stationary & Marine Engines					
Engine Model	Application	Engine S/N	Comments	Kit Description	Kit Number
3512	Marine	50Y1-UP 66Z1-UP	With Wet Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-004SH
3512 3512B	Marine	3RS1-UP 3WS1-UP 4TN1-UP	With Dry Exhaust Manifolds (Old EUI)  (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Single Head Replacement  Single Head Replacement	BD-3500-007SH  BD-3500-008SH
3512B	Marine	1PW1-UP 7HM1-UP 8EM1-UP	With Dry Exhaust Manifolds (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-008SH
3512	Locomotive	2WK1-UP			Contact Bulldog
G3512	Natural Gas	4KC1-UP	With Magneto Ignition System & Wet Exhaust Manifolds  With Dry Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement  Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-001SH  BD-3500-006SH
G3512	Natural Gas	5JD1-UP 7NJ1-UP	With Electronic Ignition System & Wet Exhaust Manifolds  With Dry Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement  Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-001SH  BD-3500-006SH
G3512	Natural Gas	5JD1-UP 7NJ1-UP	With Electronic Ignition System & Dry Exhaust Manifolds (Late EIS)	Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3500-006SH

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3516</b>	Industrial	27Z1-UP 71Z1-UP	With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3516-003OF BD-3516-003HS BD-3500-003SH
			With Wet Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-004SH
<b>3516</b>	Generator Set	25Z1-UP 73Z1-UP 5SJ1-UP	With Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3516-003OF BD-3516-003HS BD-3500-003SH
		25Z1-UP 73Z1-UP	With Wet Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-004SH
<b>3516</b>	Generator Set	5SJ1-UP	High Speed Phase II Engine	Out of Frame Overhaul	BD-3516-003OF
<b>3516B</b>	Generator Set	1NW1-UP 6HN1-UP 7RN1-UP 8NW1-UP	With Dry Exhaust Manifolds (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3500-005SH

Stationary & Marine Engines					
Engine Model	Application	Engine S/N	Comments	Kit Description	Kit Number
3516	Marine	29Z1-UP 72Z1-UP	With Wet Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-004SH
3516	Marine	4MJ150-UP	With Dry Exhaust Manifolds (MUI)	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3516-009SH
3516 3516B	Marine	3SS1-UP 2FW1-UP 3SX1-UP 8CN1-UP 8KN1-UP 9AN1-UP	With Dry Exhaust Manifolds (Old EUI)  (New EUI) <b>Note:</b> New EUI sets contain a molded rubber rocker box seal and can't be interchanged with older EUI & MUI flat rocker box gaskets	Cylinder Head Replacement Single Head Replacement  Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog BD-3500-007SH  Contact Bulldog Contact Bulldog BD-3500-008SH
3516	Locomotive	9KF1-UP			Contact Bulldog
G3516	Natural Gas	3RC1-UP	With Magneto Ignition System & Wet Exhaust Manifolds  With Dry Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement  Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-001SH  BD-3500-006SH
G3516	Natural Gas	4EK1-UP 8LD1-UP	With Electronic Ignition System & Wet Exhaust Manifolds  With Dry Exhaust Manifolds	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement  Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-3500-001SH  BD-3500-006SH
G3516	Natural Gas	4EK1-UP 8LD1-UP	With Electronic Ignition System & Dry Exhaust Manifolds	Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-3500-006SH

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D342</b>	Industrial	31B1-UP	Non Spacer Plated *Rear Crankshaft Seal not included	Out of Frame Overhaul* In Frame Overhaul Cylinder Head Replacement	BD-342-005OF Contact Bulldog BD-342-005HS
<b>D342</b>	Marine	32B1-2268	Non Spacer Plated *Rear Crankshaft Seal not included	Out of Frame Overhaul* In Frame Overhaul Cylinder Head Replacement	BD-342-006OF Contact Bulldog BD-342-006HS
<b>G342C</b>	Natural Gas	71B1-UP	Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-342-007OF Contact Bulldog BD-342-007HS
<b>G342C</b>	Natural Gas	71B1-UP	Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-342-008OF Contact Bulldog BD-342-008HS

<b>D353C</b>	Industrial	46B1-869	Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-002HS
<b>D353C</b> <b>D353E</b>	Industrial	46B870-6446 77B1-UP	Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-003HS
<b>D353C</b>	Industrial	46B6447-UP 46B870-6446*	Spacer Plated *Converted Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-005HS
<b>D353C</b>	Marine	47B1-469	Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-002HS
<b>D353C</b>	Marine	47B470-4207	Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog BD-353-004HS BD-353-004SH
<b>D353C</b>	Marine	47B470-UP*	Spacer Plated *Converted Engines	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog Contact Bulldog BD-353-005HS

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D379B</b>	Industrial	68B2540-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	BD-379-001OF Contact Bulldog Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>D379B</b>	Marine	69B1227-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	BD-379-004OF Contact Bulldog Contact Bulldog Contact Bulldog BD-399-004SH
<b>G379</b>	Natural Gas	72B468-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-003SH
<b>G379</b>	Natural Gas	72B468-UP	Aftercooled Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-003SH

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D398</b> <b>D398B</b>	Industrial	66B1-3560 75B1-UP		Out of Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	BD-398-001OF Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>D398B</b>	Industrial	66B3561-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	BD-398-003OF Contact Bulldog Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>D398B</b>	Marine	67B1391-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>D398B</b>	Generator Set	35Z1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	BD-398-002OF Contact Bulldog Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>G398</b>	Natural Gas	73B906-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-003SH
<b>G398</b>	Natural Gas	73B906-UP	Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-003SH

<b>Stationary &amp; Marine Engines</b>					
<b>Engine Model</b>	<b>Application</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D399</b>	Industrial Generator Set	35B688-UP 36Z1-1920		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	BD-399-002OF Contact Bulldog Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>D399</b>	Marine	91B253-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement Single Head Replacement (Water Shielded Manifold) Single Head Replacement (Water Cooled Manifold)	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-001SH Contact Bulldog BD-399-004SH
<b>G399</b>	Natural Gas	49C261-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-003SH
<b>G399</b>	Natural Gas	49C261-UP	Aftercooled Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	Contact Bulldog Contact Bulldog Contact Bulldog BD-399-003SH

<b>Stationary &amp; Marine Engines</b>			
<b>Engine Model</b>	<b>Application</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>D379</b> <b>D398</b> <b>D399</b>	Miscellaneous	Aftercooler Installation Set (To install unit only) Lube Oil Pump Installation Set (To install unit only) Fresh Water Pump Gasket & Seal Set (Includes installation gaskets) Fresh Water Pump Installation Set (To install unit only) Raw Water Pump Installation Set (To install unit only) <b>Note: Crankshaft seals not included in AIO kits</b> Front seal - Standard Rotation - Counter Clockwise* Rear seal - Standard Rotation - Counter Clockwise* Front seal - Opposite Rotation - Clockwise* Rear seal - Opposite Rotation - Clockwise* *Viewing Engine Facing Flywheel	BD-399-090AC BD-399-090OP BD-399-090WP BD-399-092WP BD-399-091WP  CT-4W2606 CT-4W2607 CT-4W2607 CT-4W2606
<b>G379</b> <b>G398</b> <b>G399</b>	Natural Gas	Aftercooler Installation Set (To install unit only) Lube Oil Pump Installation Set (To install unit only) Fresh Water Pump Gasket & Seal Set (Includes installation gaskets) Fresh Water Pump Installation Set (To install unit only) Raw Water Pump Installation Set (To install unit only) <b>Note: Crankshaft seals not included in AIO kits</b> Front seal - Standard Rotation - Counter Clockwise* Rear seal - Standard Rotation - Counter Clockwise* Front seal - Opposite Rotation - Clockwise* Rear seal - Opposite Rotation - Clockwise* *Viewing Engine Facing Flywheel	BD-399-090AC BD-399-090OP BD-399-090WP BD-399-092WP BD-399-091WP  CT-4W2606 CT-4W2607 CT-4W2607 CT-4W2606

<b>Over-the-Road Truck Engines</b>				
<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>1140</b>	36B1-UP		Out of Frame Overhaul	Contact Bulldog
<b>1145</b>	97B1-UP		In Frame Overhaul	BD-3208-001IF
<b>1150</b>	96B1-UP		Cylinder Head Replacement	BD-3208-001HS
<b>1160</b>	95B1-UP		Single Head Replacement	BD-3208-001SH
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<b>1673C</b>	76R1-272	P.C. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-008OF *BD-3306-008IF *BD-3306-008HS *CT-5P8772
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<b>3114</b>	5YL1-UP	ATAAC (Air to Air Aftercooled)		Contact Bulldog
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<b>3116</b>	2BK1-UP 7JL1-UP 7SF1-UP 9LN1-UP	ATAAC (Air to Air Aftercooled) MUI & EUI Engines only	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-001IF BD-3116-001HS
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<b>3116</b>	5EN1-UP	ATAAC (Air to Air Aftercooled) MUI & EUI Engines only	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-001IF BD-3116-002HS
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<b>3116</b>	5EN1-UP	JWAC (Jacket Water Aftercooled)		Contact Bulldog
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<b>3116</b>	2FR1-UP 9CJ1-UP 9GK1-UP 9YN1-UP	ATAAC (Air to Air Aftercooled)	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3116-003OF BD-3116-001IF BD-3116-001HS
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<b>3126</b>	1WM1-26507 4ES1-UP	2 Valves per Cylinder		Contact Bulldog
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<b>3126</b> <b>3126B</b> <b>3126E</b>	6PZ1-UP 8SZ1-UP 7AS1-UP 9SZ1-UP CKM1-UP	3 Valves per Cylinder	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3126-002OF BD-3126-002IF Contact Bulldog
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<b>3126B</b>	8YL1-UP	3 Valves per Cylinder	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-3126-002IF Contact Bulldog
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<b>Over-the-Road Truck Engines</b>				
<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3208NA</b>	40S1-UP 32Y1-UP 51Z1-UP	Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3208-001OF BD-3208-001IF BD-3208-001HS BD-3208-001SH
<b>3208T</b>	2Z1-UP	Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement Single Head Replacement	BD-3208-002OF BD-3208-002IF BD-3208-002HS BD-3208-002SH

<b>3306</b>		Non Spacer Plated	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	Contact Bulldog *BD-3306-005IF *BD-3306-005HS *CT-5P8772
<b>3306</b>	76R273-UP	P.C. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-008OF *BD-3306-008IF *BD-3306-008HS *CT-5P8772
<b>3306B</b>	63Z1-UP 5KD1-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement *Aftercooler & Lines (if required)	BD-3306-009OF *BD-3306-009IF *BD-3306-009HS *CT-5P8772
<b>3306B</b>	63Z1-UP 5KD1-UP	D.I. Engines Non Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-038OF BD-3306-038IF BD-3306-038HS
<b>3306C</b>	7RJ1-UP 9TL1-UP	D.I. Engines Turbocharged	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3306-038OF BD-3306-038IF BD-3306-038HS

<b>Over-the-Road Truck Engines</b>				
<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>3406</b>	92U1-5943	With Lube thru Cyl Head Studs	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-004OF BD-3406-004IF BD-3406-004HS
<b>3406</b>	92U5944-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-003OF BD-3406-003IF BD-3406-003HS
<b>3406B</b>	4MG1-UP 7FB1-UP	JWAC (Jacket Water Aftercooled)	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-005OF BD-3406-005IF BD-3406-005HS
<b>3406B</b>	3ZJ1-16181 4MG1-UP 5KJ1-7799 7FB1-UP 8TC1-UP	ATAAC (Air to Air Aftercooled)	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-006OF BD-3406-006IF BD-3406-006HS
<b>3406C</b>	3ZJ16182-UP 4CK846-UP 5KJ7800-UP	ATAAC (Air to Air Aftercooled) With 19 Bolt Flywheel Housing	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-011OF BD-3406-011IF BD-3406-011HS
<b>3406C</b>	3ZJ16182-UP 8PN1-UP	ATAAC (Air to Air Aftercooled) With 24 Bolt Flywheel Housing Non Brakesaver	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-026OF BD-3406-026IF BD-3406-026HS
<b>3406E</b>	1LW1-UP 2WS1-UP 5DS1-UP 5EK1-UP 6TS1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-031OF BD-3406-031IF BD-3406-031HS
<b>3406E</b>	1MM1-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3406-032OF Contact Bulldog BD-3406-032HS
<b>3408</b>	28V1-427	With Lube thru Cyl Head Studs	In Frame Overhaul Cylinder Head Replacement	BD-3408-008IF Contact Bulldog
<b>3408</b>	28V428-UP		Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	BD-3408-009OF BD-3408-009IF BD-3408-009HS

<b>Over-the-Road Truck Engines</b>				
<b>Engine Model</b>	<b>Engine S/N</b>	<b>Comments</b>	<b>Kit Description</b>	<b>Kit Number</b>
<b>C-12</b>	1YN1-UP	Scalloped Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-003IF Contact Bulldog
<b>C-12</b>	1YN1-UP	Straight Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-004IF Contact Bulldog
<b>C-12</b>	2KS1-UP	Scalloped Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-005IF Contact Bulldog
<b>C-12</b>	2KS1-UP	Straight Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-006IF Contact Bulldog
<b>C-12</b>	9NS1-UP	Scalloped Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-001IF Contact Bulldog
<b>C-12</b>	9NS1-UP	Straight Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-002IF Contact Bulldog
<b>C-12</b>	CPD1-UP	Straight Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-009IF Contact Bulldog
<b>C-12</b>	MBL1-UP	Straight Head Gasket	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C12-007IF Contact Bulldog
<b>C-15</b>	6NZ1-UP 9NZ1-UP MBN1-UP	Injector Seals, Oil Pan Isolation Seal or Oil Pan Gaskets Non Included	Out of Frame Overhaul In Frame Overhaul Cylinder Head Replacement	Contact Bulldog BD-C15-001IF Contact Bulldog