

Policies and Warranty

Joseph Industries warrants to the original purchaser, its parts and remanufactured products to be free from defects in material and workmanship. This warranty does not cover failures caused by improper application, improper installation, abuse, misuse, accident, contamination, electrical overload, improper wiring, etc. If a product is determined by Joseph to be defective, Joseph will, at its discretion, repair or replace the product as specified, and therefore not be liable for any other costs or damages.

Remanufactured transmissions and torque converters are warranted to be free from defects for a period of six (6) months or 1000 hours from the date of installation. Remanufactured engines are warranted to be free from defects for a period of twelve (12) months or 1000 hours, with the exception of remanufactured engine cylinder heads, which are warranted for a three (3) month period. Engine and transmission fluid leaks are covered for three (3) months.

New and remanufactured alternators, starters and electric motors are warranted to be free from defects for a period of three (3) months from the date of installation unless otherwise stated.

All other parts including electrical components, i.e. contactors and contact tips, are warranted for a period of three (3) months from date of purchase. Normal wear excepted.

All warranty periods begin from the original date of installation of original product purchase. A warranty repair or replacement of defective product does not renew or extend the term of the original warranty period.

This warranty is expressed in lieu of all other obligations or liabilities on its part and Joseph Industries, Inc. neither assumes or authorizes any other person to assume for it any liability in connection with the sale of its products.

For remanufactured engine, transmission and torque converter product only, that is proven to be defective, Joseph will consider reimbursement only for labor costs not including fluids, travel, diagnostic, rental or down time. To be considered, the customer must follow the procedure below and receive written approval from Joseph in advance. Labor costs that are approved will be issued as a credit toward future purchases at a rate not to exceed 50% of the dealer's internal labor rate. Reasonable labor time, not to exceed 15 hours, will be determined by Joseph Industries.

Warranty Procedure

When a suspected warranty problem occurs, contact Joseph Industries at **888-465-6737** as soon as possible and ask for the Warranty Administrator who will give you further instructions.

DO NOT repair or disassemble the product without prior authorization by the Joseph Warranty Administrator or you will void the warranty.

You will be asked to provide details of the problem including:

- Product Description
- Problem Description
- Installation date
- Product Serial Number (engines & transmissions only)
- Verification of purchase
- Verification of internal labor rate

If you are asked to return the part to Joseph for analysis, you will be issued a **Warranty Return Authorization** number that is to be clearly attached to either the part or the shipping container. Failure to do so will delay processing and may result in denial of your claim.

In many cases, especially with engines and transmissions, the problem may be solved without having to return the product or even remove it. If we believe this is possible, we will provide the necessary parts and authorize the necessary labor to replace/repair the failed component according to our labor reimbursement policy. **Joseph, however, must authorize this type of repair, before any work is done.** Once the failed component is analyzed, you will be informed of our findings. If the problem is a failure in material or workmanship, you will be issued credit according to our Limited Warranty. If we believe that the failure was caused by other reasons, you will be contacted by Joseph to explain your alternatives.

All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only, and it is not implied that any part listed is the product of the manufacturer. Copyright 2001-2006 ©, Joseph Industries, Inc., 10039 Aurora-Hudson Road, Streetsboro, Ohio, 44241. Located in Northeast Ohio near Cleveland, Akron, Canton, Youngstown, Warren, Twinsburg, Solon. Phone 330-528-0091. Sales 800-321-9983.

JOSEPH INDUSTRIES OVERHAUL KIT CATALOG

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OVERHAUL KITS for ALLIS CHALMERS®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Cam and Lifter Kits include: camshaft and valve lifters.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve

APPLICATION	ENGINE TYPE	KIT PART NUMBER
G gas	N-62 gas 2.375" bore	Inframe = OK-CONT62IF Major = OK-CONT62M
B, C, CA gas	B-125 gas 3.375" bore	Inframe = OK-AC125IF Major = OK-AC125M
D10 (to s/n 3,501), D12 (to s/n 3,001) gas	G-138 gas 3.50" overbore	Inframe = OK-AC138IF Major = OK-AC138M
D10 (from s/n 3,501), D12 (from s/n 3,001), D14, D15 (to s/n 9,001), 140 gas	G-149 gas 3.50" bore	Inframe = OK-AC149IF Major = OK-AC149M

OVERHAUL KITS for ALLIS CHALMERS®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
D15 series II (<i>from s/n 9,001</i>), 160 gas	G-160 gas 3.625" bore	Inframe = OK-AC160IF Major = OK-AC160M
D15, HD3 diesel	D-175 diesel 3.562" bore	Inframe = OK-AC175IF Major = OK-AC175M
WC, WD gas	G-201 gas 4.125" overbore	Inframe = OK-AC201IF Major = OK-AC201M
WD45 gas	G-226 gas 4.125" overbore	Inframe = OK-AC226IFA Major = OK-AC226MA
WD45 diesel	D-230 diesel 3.562" overbore	Inframe = OK-AC230DIF Major = OK-AC230DM
D17, 170 gas	G-226 gas 4.125" overbore	Inframe = OK-AC226IFB Major = OK-AC226MB
D17 diesel	D-262 diesel 3.562" bore	Inframe = OK-AC262DIF Major = OK-AC262DM Cam & Lifters = CK-AC262D
D19 gas <u>Combines:</u> F, C	G-262 gas 3.562" bore	Inframe = OK-AC262GIF Major = OK-AC262GM Cam & Lifters = CK-AC262G
D19 diesel	D-262 diesel 3.562" bore	Major = OK-AC262TM

OVERHAUL KITS for ALLIS CHALMERS®

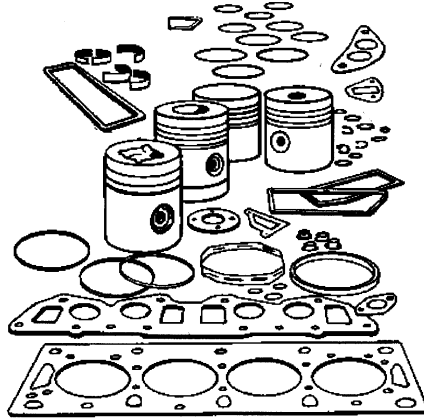
APPLICATION	ENGINE TYPE	KIT PART NUMBER
170 diesel	4.236 diesel 3.875" bore	Inframe = OK-PER236DIF Major = OK-PER236DM Premium = OK-PER236DP Valve Train = VK-PER236248
175 diesel	4.248 diesel 3.978" bore	Inframe = OK-PER248IF Major = OK-PER248M Premium = OK-PER248P Valve Train = VK-PER236248
5040 diesel	143 diesel, 8035.01 3.74" bore	Inframe = OK-FIT143IF Major = OK-FIT143M
5045 all, 5050 (s/n 600,000 to 700,000)	159 diesel, 8035.02 3.937" bore	Inframe = OK-FIT159IF Major = OK-FIT159M
5050 (to s/n 600,000), 5050 (from s/n 700,000)	168 diesel, 8035.04 4.055" bore	Inframe = OK-FIT168IF Major = OK-FIT168M
6060, 6070, 6080 <u>Combines</u> : F2, F3, K2 diesel	433,D2200,200 diesel 3.875" bore	Inframe = OK-AC433TIF Major = OK-AC433TM Cam & Lifters = CK-AC433 Valve Train = VK-AC433
180,185,190,190XT, <u>Combines</u> : F, G	649,D2800,D2900,301 diesel 3.875" bore	Inframe = OK-AC649IF Major = OK-AC649M Valve Train = VK-AC649
200,7000,7010,7010 <u>Combines</u> : L, L2, M, M2, M3	649,D2800,D2900,301 diesel 3.875" bore	Inframe = OK-AC649TIF Major = OK-AC649TM Valve Train = VK-AC649

® Allis Chalmers is a registered trademark of Agco Corporation, Duluth, Georgia

OVERHAUL KITS for ALLIS CHALMERS®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
D21,210,220,7030, 7040,7045,7050,7060 diesel	670,D3400,D3500,426 diesel 4.25" bore (1.50" piston pin)	Inframe = OK-AC670IF Major = OK-AC670M Cam & Lifters = CK-AC670 Valve Train = VK-AC670
7080,7580,8030, 8050,8070 <u>Combines:</u> N5, N6 diesel	670HI,D3750,426 diesel 4.25" bore (1.75" piston pin)	Inframe = OK-AC670HIF Major = OK-AC670HM Cam & Lifters = CK-AC670 Valve Train = VK-AC670

OVERHAUL KITS for CASE® and CASE/IH®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Cam and Lifter Kits include: camshaft and valve lifters.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
VAC gas	124 gas 3.437" overbore	Inframe = OK-CAS124IF Major = OK-CAS124M Valve Train = VK-CAS124
300, 300B, 310, 320 gas (1955 to 1960)	G-148 gas 3.375" bore	Inframe = OK-CAS148IF Major = OK-CAS148M Valve Train = VK-CAS148
430, 440, 470 gas (1961 to 1970)	G-148B gas 3.375" bore	Inframe = OK-CAS148BIF Major = OK-CAS148BM
<i>* please supply old bearing numbers to confirm which engine you have.</i>		
530, 531, 540, 541, 570 gas	G-159 gas 3.50" bore	Inframe = OK-CAS159IF Major = OK-CAS159M Valve Train = VK-CAS159

OVERHAUL KITS for CASE® and CASE/IH®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
630, 640 gas	G-188B gas 3.8125" bore	Inframe = OK-CAS188GIF Major = OK-CAS188GM
<i>(wide flange sleeve)</i>	G-188D diesel 3.8125" bore	Inframe = OK-CAS188DIFA Major = OK-CAS188DMA
430, 440, 470, 530, 540, 570, 630, 640 diesel	<i>* this cylinder sleeve has a flange diameter of 4.537"</i>	Valve Train = VK-CAS188D Cam & Lifter = CK-CAS188207
<i>(narrow flange sleeve)</i>	G-188D diesel 3.8125" bore	Inframe = OK-CAS188DIFB Major = OK-CAS188DMB
	<i>* this cylinder sleeve has a flange diameter of 4.457"</i>	
<i>(to eng. S/N 2,869,290)</i>	207 diesel 4.00" bore	Inframe = OK-CAS207IFA Major = OK-CAS207MA
450B, 455B, 580C, 580D, 584C, 585C, 586C, W11 diesel		Valve Train = VK-CAS188D Cam & Lifter = CK-CAS188207
<i>(from eng. S/N 2,869,290)</i>	207 diesel 4.00" bore	Inframe = OK-CAS207IFB Major = OK-CAS207MB
400 gas	A-251S gas 4.125" overbore	Inframe = OK-CAS251GIFA Major = OK-CAS251GMA
	<i>* this cylinder sleeve has a flange diameter of 4.997"</i>	
730, 740 gas	A-251S gas 4.125" overbore	Inframe = OK-CAS251GIF Major = OK-CAS251GM
	<i>* this cylinder sleeve has a flange diameter of 4.997"</i>	
400 Super, 730, 740 diesel	A-267D diesel 4.125" bore	Inframe = OK-CAS267IFA Major = OK-CAS267MA Valve Train = VK-CAS267
	<i>* this has a flat top piston with a 1.358" piston pin</i>	

OVERHAUL KITS for CASE® and CASE/IH®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
770 diesel	267B diesel 4.125" bore <i>* this has a combustion bowl piston with a 1.50" piston pin</i>	Inframe = OK-CAS267IFB Major = OK-CAS267MB
830, 840 diesel	A-301D diesel 4.375" bore <i>* this has a flat top piston with a 1.50" piston pin</i>	Inframe = OK-CAS301IFA Major = OK-CAS301MA
(to engine S/N 2,539,000)	A-336BD diesel 4.625" bore	Inframe = OK-CAS336IF870E Major = OK-CAS336M870E Valve Train = VK-CAS336
870 diesel	<i>* this cylinder sleeve has 2 o-rings and flange diam. of 5.375"</i>	
(from engine S/N 2,539,000)	A-336BD diesel 4.625" bore <i>* this cylinder sleeve has 3 o-rings and flange diam. of 5.415"</i>	Inframe = OK-CAS336IF870L Major = OK-CAS336M870L Valve Train = VK-CAS336
900, 930, 940, 970 gas	A-377S gas 4.125" overbore <i>* this cylinder sleeve has a flange diameter of 4.997"</i>	Inframe = OK-CAS377GIF Major = OK-CAS377GM
930, 940 diesel	A-401D diesel 4.125" bore <i>* this has a flat top piston with a 1.358" piston pin</i>	Inframe = OK-CAS401IFA Major = OK-CAS401MA Cam & Lifters = CK-CAS401 Valve Train = VK-CAS401
970 diesel	401B diesel 4.125" bore <i>* this has a combustion bowl piston with a 1.50" piston pin</i>	Inframe = OK-CAS401IFB Major = OK-CAS401MB

OVERHAUL KITS for CASE® and CASE/IH®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
1030, 1200 diesel	A-451D diesel 4.375" bore <i>* this has a flat top piston with a 1.50" piston pin</i>	Inframe = OK-CAS451IFA Major = OK-CAS451MA
1070, 1090 diesel	A-451BD diesel 4.375" bore <i>* this has a combustion bowl piston with a 1.50" piston pin</i>	Inframe = OK-CAS451IFB Major = OK-CAS451MB Valve Train = VK-CAS451
1170, 1175, 1270 diesel	A-451BDT diesel 4.375" bore <i>* this has a combustion bowl piston with a 1.625" piston pin</i>	Inframe = OK-CAS451TIF Major = OK-CAS451TM Valve Train = VK-CAS451
1370,1470,1570,2390, 2394,2470,2590,2594, 4490, 4494 diesel	A-504BDT diesel 4.625" bore <i>* this piston has a 1.80" piston pin</i>	Inframe = OK-CAS504TIFB Major = OK-CAS504TMB Cam & Lifters = CK-CAS504T
2090, 2094 diesel	A-504BD diesel 4.625" bore <i>* this piston has a 1.625" piston pin</i>	Inframe = OK-CAS504IFA Major = OK-CAS504MA
2290, 2294 diesel	A-504BDT diesel 4.625" bore <i>* this piston has an O.E. part number of A-153323 and 1.625" piston pin</i>	Inframe = OK-CAS504TIFA Major = OK-CAS504TMA Cam & Lifters = CK-CAS504T
2670, 4690 diesel	A-504BDTI diesel 4.625" bore <i>* this piston has an O.E. part number of A-138235 and 1.80" piston pin</i>	Inframe = OK-CAS504TIIF Major = OK-CAS504TIM Cam & Lifters = CK-CAS504T

OVERHAUL KITS for CASE® and CASE/IH®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
5120, 5220 diesel	4TA390 diesel 4.0165" bore	Inframe = OK-CUM390AIF Major = OK-CUM390AM Cam & Lifters = CK-CUM390
5130, 5230 diesel	6590 diesel 4.0165" bore	Inframe = OK-CUM590IF Major = OK-CUM590M Cam & Lifters = CK-CUM590
5140, 5240, 5250 diesel	6T590 diesel 4.0165" bore	Inframe = OK-CUM590TIF Major = OK-CUM590TM Cam & Lifters = CK-CUM590
7110, 7120, 7130 diesel (to eng. s/n 44,706,125)	6T830 diesel 4.49" bore	Inframe = OK-CUM830TIFA Major = OK-CUM830TMA Cam & Lifters = CK-CUM830 Valve Train = VK-CUM830
7110, 7120, 7130 diesel (from eng. s/n 44,706,125) 7210 all, 7220, 7230 diesel (to tractor P.I.N. JJA64,978)	6T830 diesel 4.49" bore	Inframe = OK-CUM830TIFB Major = OK-CUM830TMB Cam & Lifters = CK-CUM830 Valve Train = VK-CUM830
7140, 7150 diesel (to eng. s/n 44,706,125)	6T830 diesel 4.49" bore	Inframe = OK-CUM830TIFC Major = OK-CUM830TMC Cam & Lifters = CK-CUM830 Valve Train = VK-CUM830
7140, 7150 diesel (from eng. s/n 44,706,125) 7240, 7250 diesel (to tractor P.I.N. JJA64,978)	6T830 diesel 4.49" bore	Inframe = OK-CUM830TIFD Major = OK-CUM830TMD Cam & Lifters = CK-CUM830 Valve Train = VK-CUM830

OVERHAUL KITS for DAVID BROWN®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

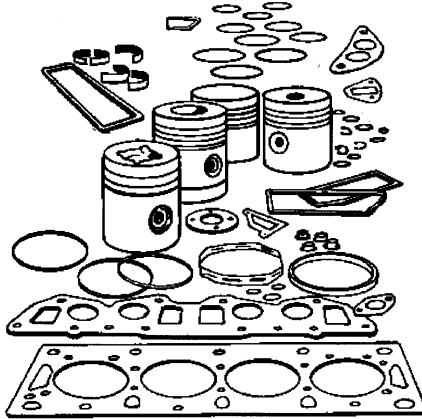
Cam and Lifter Kits include: camshaft and valve lifters.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
770,3800,3810 diesel	AD3/49 diesel 3.9388" bore	Inframe = OK-DB349IF Major = OK-DB349M
780,880,885,1190,1194, 4600 diesel	AD3/55 diesel 3.9388" bore	Inframe = OK-DB355IF Major = OK-DB355M Cam & Lifters = CK-DB355
(with AD4/47 engine) 990 diesel	AD4/47 diesel 3.625" bore	Inframe = OK-DB447IF Major = OK-DB447M
(with AD4/49 engine)	AD4/49 diesel 3.9388" bore	Inframe = OK-DB449IF Major = OK-DB449M

OVERHAUL KITS for DAVID BROWN®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
995,996,1200,1210,1212, 1290,1294,1390 diesel	AD4/55 diesel 3.9388" bore	Inframe = OK-DB455IF Major = OK-DB455M Cam & Lifters = CK-DB455
1394,1410,1412,1490 1494 diesel	AD4/55T diesel 3.9388" bore	Inframe = OK-DB455TIF Major = OK-DB455TM Cam & Lifters = CK-DB455
1690 diesel *	AD6/55T diesel 3.9388" bore <i>* these kits do not include main bearings</i>	Inframe = OK-DB655TIF Major = OK-DB655TM

OVERHAUL KITS for DEUTZ®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Cam and Lifter Kits include: camshaft and valve lifters.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
6035, D2506, D2807, D3006, D3607 diesel	F2L912 diesel 3.938" bore	Inframe = OK-DTZ115IF Major = OK-DTZ115M Valve Train = VK-DTZ115
6150, 6240, 6250, D4006, D4007, D4506, D4507, D4807, D5006, D5206, D5207, DX3.10, DX3.30 diesel	F3L912 diesel 3.938" bore	Inframe = OK-DTZ172IF Major = OK-DTZ172M Cam & Lifters = CK-DTZ172 Valve Train = VK-DTZ172187
6260, D6007, DX3.50 diesel	F3L913 diesel 4.016" bore	Inframe = OK-DTZ187IF Major = OK-DTZ187M Valve Train = VK-DTZ172187

OVERHAUL KITS for DEUTZ®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
6265, D5506, D6006, D6206, D6207, D6507, D6806, D6807, D7006, D7007, D7206, D7207, DX3.65, DX3.70	F4L912 diesel 3.938" bore	Inframe = OK-DTZ230IF Major = OK-DTZ230M Cam & Lifters = CK-DTZ230 Valve Train = VK-DTZ230249
6275, 7085, D7807, DX3.90, DX80 diesel	F4L913 diesel 4.016" bore	Inframe = OK-DTZ249IFA Major = OK-DTZ249MA Valve Train = VK-DT230249
DX4.51, DX4.70, DX4.71 diesel	BF4L913 diesel 4.016" bore	Inframe = OK-DTZ249IFB Major = OK-DTZ249MB
DX85, DX90 diesel	F5L912 diesel 3.938" bore	Inframe = OK-DTZ287IF Major = OK-DTZ287M Cam & Lifters = CK-DTZ287 Valve Train = VK-DTZ287
D8006, D9006, D10006, DX110 diesel	F6L912 diesel 3.938" bore	Inframe = OK-DTZ345IFA Major = OK-DTZ345M Cam & Lifters = CK-DTZ345 Valve Train = VK-DTZ345374
D13006 diesel	BF6L912 diesel 3.938" bore	Inframe = OK-DTZ345IFB Valve Train = VK-DTZ345374

OVERHAUL KITS for DEUTZ®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
7110, 7120, 7145, 9130, 9150, DX6.30, DX120, DX130 diesel	F6L913 diesel <i>4.016" bore</i>	Inframe = OK-DTZ374IFA Major = OK-DTZ374MA
DX6.50, DX7.10, DX140, DX160 diesel	BF6L913 diesel <i>4.016" bore</i>	Inframe = OK-DTZ374IFB Major = OK-DTZ374MB

OVERHAUL KITS for FORD®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals, and piston pin bushings.

Premium Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals, piston pin bushings, cam bearings, intake and exhaust valves, valve guides (when required), valve springs, and valve keepers.

Cam and Lifter Kits include: camshaft and valve lifters.

Valve Train Kits include: intake valves, exhaust valves, valve guides (when required), valve springs, and valve keepers.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<p><i>(thin wall sleeve)</i> <i>(.040" thick)</i></p> <p>2N, 8N, 9N</p>	<p>120 gas 3.1875" bore</p>	<p>Inframe = OK-FOR120IFA Major = OK-FOR120MA Premium = OK-FOR120PA Cam & Lifters = CK-FOR120 Valve Train = VK-FOR120</p>
<p><i>(thick wall sleeve)</i> <i>(.090" thick)</i></p>	<p>120 gas 3.1875" bore</p>	<p>Inframe = OK-FOR120IFB Major = OK-FOR120MB Premium = OK-FOR120PB Cam & Lifters = CK-FOR120 Valve Train = VK-FOR120</p>

OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
NAA, 600 & 601 series('53-'57), 700 & 701 series('53-'57) gas	134 gas 3.437" bore	Inframe = OK-FOR134IFA Major = OK-FOR134MA Premium = OK-FOR134PA Cam & Lifters = CK-FOR134172 Valve Train = VK-FOR134
600 & 601 series('58-'65), 700 & 701 series('58-'65) gas	134 gas 3.437" bore	Inframe = OK-FOR134IFB Major = OK-FOR134MB Premium = OK-FOR134PB Cam & Lifters = CK-FOR134172 Valve Train = VK-FOR134
Dexta diesel	144 diesel 3.50" bore	Inframe = OK-PER144IF Major = OK-PER144M Premium = OK-PER144P Cam & Lifters = CK-PER144 Valve Train = VK-PER144
Super Dexta diesel	152 diesel 3.60" bore	Inframe = OK-PER152NIFB Major = OK-PER152NMB Premium = OK-PER152NPB Cam & Lifters = CK-PER152 Valve Train = VK-PER152N
* <i>this is the non-sleeved kit</i> 800 & 801 series, 900 & 901 series, 4000('62-'64) gas	172 gas 3.90" bore	Inframe = OK-FOR172GNIF Major = OK-FOR172GNM Premium = OK-FOR172GNP Cam & Lifters = CK-FOR134172
* <i>this is the sleeved kit</i>	172 gas 3.90" bore	Inframe = OK-FOR172GSIF Major = OK-FOR172GSM Premium = OK-FOR172GSP Cam & Lifters = CK-FOR134172

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OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<p><i>* this is the non-sleeved kit</i></p> <p>801 series, 901 series 4000('58-'64) diesel</p>	<p>172 diesel 3.90" bore</p>	<p>Inframe = OK-FOR172DNIF Major = OK-FOR172DNM Premium = OK-FOR172DNP Valve Train = VK-FOR172D</p>
<p><i>* this is the sleeved kit</i></p>	<p>172 diesel 3.90" bore</p>	<p>Inframe = OK-FOR172DSIF Major = OK-FOR172DSM Premium = OK-FOR172DSP Valve Train = VK-FOR172D</p>
<p>2000('65-'75), 2100 diesel</p>	<p>158 diesel 4.20" bore</p>	<p>Inframe = OK-FOR158DIFA Major = OK-FOR158DMA Premium = OK-FOR158DPA Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201</p>
<p>2310, 2600, 2810 diesel</p>	<p>158 diesel 4.20" bore</p>	<p>Inframe = OK-FOR158DIFB Major = OK-FOR158DMB Premium = OK-FOR158DPB Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201</p>
<p>2000('65-'75), 2100, 3000, 3100, 3330 gas</p>	<p>158 gas 4.20" bore</p>	<p>Inframe = OK-FOR158GIFA Major = OK-FOR158GMA Premium = OK-FOR158GPA Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201</p>
<p>2110, 2600, 2610 gas</p>	<p>158 gas 4.20" bore</p>	<p>Inframe = OK-FOR158GIFB Major = OK-FOR158GMB Premium = OK-FOR158GPB Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201</p>

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OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
2610, 2910, 3600 diesel	175 diesel 4.20" bore	Inframe = OK-FOR175IFB Major = OK-FOR175MB Premium = OK-FOR175PB Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201
3000, 3100, 3300, 3310, 3330 diesel	175 diesel 4.20" bore	Inframe = OK-FOR175IFA Major = OK-FOR175MA Premium = OK-FOR175PA Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201
3230, 3430, 3610, 3910 diesel	192 diesel 4.40" bore	Inframe = OK-FOR192DIF Major = OK-FOR192DM Premium = OK-FOR192DP Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201 <i>* this piston has a compression distance of 2.779"</i>
3830 diesel	165 diesel, 8035.06 3.937" bore	Inframe = OK-FIT165IF Major = OK-FIT165M
4000('65-4/'68) gas	192 gas 4.40" bore	Inframe = OK-FOR192GIFA Major = OK-FOR192GMA Premium = OK-FOR192GPA Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201 <i>* this piston has a compression distance of 2.738"</i>

OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
4000(5/68-'75), 4600, 4610 gas	201 gas 4.40" bore	Inframe = OK-FOR201GIF Major = OK-FOR201GM Premium = OK-FOR201GP Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201 <i>* this piston has a compression distance of 2.52"</i>
4000('65-5/69), 4120, 4330('68-5/69), 4340 ('68-5/69) diesel	201 diesel 4.40" bore	Inframe = OK-FOR201DIFA Major = OK-FOR201DMA Premium = OK-FOR201DPA Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201
3930, 4000(6/69-'75), 4110, 4130, 4140, 4330(6/69-'75), 4340(6/69-'75), 4600, 4610, 4630('89-6/94) diesel	201 diesel 4.40" bore	Inframe = OK-FOR201DIFB Major = OK-FOR201DMB Premium = OK-FOR201DPB Cam & Lifters = CK-FOR158201 Valve Train = VK-FOR158201
4230, 4635, 4835 diesel	220 diesel, 8045.06 3.937" bore	Inframe = OK-FIT220IF Major = OK-FIT220M
Major('52-3/57) diesel (to eng. s/n 1,425,097)	220 diesel 3.937" bore	Inframe = OK-FOR220IFA Major = OK-FOR220MA
Power Major(4/57-1/61) diesel (eng. s/n 1,425,097 to 1,591,022)	220 diesel 3.937" bore	Inframe = OK-FOR220IFB Major = OK-FOR220MB
Super Major(2/61-'64) diesel (from eng. s/n 1,591,022)	220 diesel 3.937" bore	Inframe = OK-FOR220IFC Major = OK-FOR220MC

OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
4430, 5635, 6635, 7635 diesel	220 diesel, 8045.06 3.937" bore	Inframe = OK-FIT238IF Major = OK-FIT238M
5000 Super Major('65-3/'68), 5600('75-9/'80) diesel	233 diesel 4.20" bore	Inframe = OK-FOR233IF Major = OK-FOR233M Premium = OK-FOR233P Cam & Lifters = CK-FOR233268 Valve Train = VK-FOR233268
4830('89-'93), 5000('68-'75), 5030, 5100, 5600(10/'80-'81), 5610, 5900, 6600('75-9/'80), 6700 diesel	256 diesel 4.40" bore	Inframe = OK-FOR256DIF Major = OK-FOR256DM Premium = OK-FOR256DP Cam & Lifters = CK-FOR233268 Valve Train = VK-FOR233268
5000(6/'68-'75), 6600 gas	256 gas 4.40" bore	Inframe = OK-FOR256GIF Major = OK-FOR256GM Premium = OK-FOR256GP Cam & Lifters = CK-FOR233268 Valve Train = VK-FOR233268
5640 diesel	268 Genesis diesel 4.40" bore	Inframe = OK-NH268IF Major = OK-NH268M
6000, 6100 gas	223 gas 3.625" bore	Inframe = OK-FOR223IF Major = OK-FOR223M Premium = OK-FOR223P Valve Train = VK-FOR223

OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
6600(10/'80-'81), 6610, 6710 diesel	268 diesel 4.40" bore	Inframe = OK-FOR268IF Major = OK-FOR268M Premium = OK-FOR268P Cam & Lifters = CK-FOR233268 Valve Train = VK-FOR233268
6640, 7010 diesel	304 Genesis diesel 4.40" bore	Inframe = OK-NH304IF Major = OK-NH304M
7000, 7100, 7200, 7400, 7600, 7700 diesel	256T diesel 4.40" bore	Inframe = OK-FOR256TIF Major = OK-FOR256TM Premium = OK-FOR256TP Cam & Lifters = CK-FOR233268 Valve Train = VK-FOR256268T
7610, 7710 diesel	268T diesel 4.40" bore	Inframe = OK-FOR268TIF Major = OK-FOR268TM Premium = OK-FOR268TP Cam & Lifters = CK-FOR233268 Valve Train = VK-FOR256268T
7740 diesel	304T Genesis diesel 4.40" bore	Inframe = OK-NH304TIF Major = OK-NH304TM
7840 diesel	401 Genesis diesel 4.40" bore	Inframe = OK-NH401IF Major = OK-NH401M
7810, 7910, 8000('72-'77), 8210, 8530, 8600('72-'77), 8700, TW5, TW10 diesel	401 diesel 4.40" bore	Inframe = OK-FOR401IF Major = OK-FOR401M Premium = OK-FOR401P Valve Train = VK-FOR401

OVERHAUL KITS for FORD®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
8010, 8160, 8240, 8260, 8340, 8360, 8560 diesel	456 Genesis diesel <i>4.40" bore</i>	Inframe = OK-NH456IF Major = OK-NH456M
8670, 8770, 8870, 8970 diesel	456T Genesis diesel <i>4.40" bore</i>	Inframe = OK-NH456TIF Major = OK-NH456TM
8630, 8730, 8830, 9000, 9600, 9700, TW15, TW20, TW25, TW30, TW35 diesel	401T diesel <i>4.40" bore</i>	Inframe = OK-FOR401TIF Major = OK-FOR401TM Premium = OK-FOR401TP Valve Train = VK-FOR401T

OVERHAUL KITS for HESSTON®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
420 diesel	143 diesel, 8035.01 <i>3.74" bore</i>	Inframe = OK-FIT143IF Major = OK-FIT143M
466 diesel	159 diesel, 8035.02 <i>3.937" bore</i>	Inframe = OK-FIT159IF Major = OK-FIT159M
45-66, 55-46, 55-56, 55-66, 55-76, 55-86 diesel	165 diesel, 8035.06 <i>3.937" bore</i>	Inframe = OK-FIT165IF Major = OK-FIT165M
566, 580 diesel	168 diesel, 8035.04 <i>4.055" bore</i>	Inframe = OK-FIT168IF Major = OK-FIT168M
60-66, 60-76, 60-90 diesel	179 diesel, 8035.05 <i>4.094" bore</i>	Inframe = OK-FIT179IF Major = OK-FIT179M

OVERHAUL KITS for HESSTON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
640, 666, 680 diesel	211 diesel, 8045.02 <i>3.937" bore</i>	Inframe = OK-FIT211IF Major = OK-FIT211M
65-46, 65-56, 70-66, 70-76, 70-90 diesel	220 diesel, 8045.06 <i>3.937" bore</i>	Inframe = OK-FIT220IF Major = OK-FIT220M
766, 780 diesel	224 diesel, 8045.04 <i>4.055" bore</i>	Inframe = OK-FIT224IF Major = OK-FIT224M
80-66, 80-76, 80-90, 82-86, 82-94 diesel	238 diesel, 8045.05 <i>4.094" bore</i>	Inframe = OK-FIT238IF Major = OK-FIT238M
880-5 diesel	280 diesel, 8055.04 <i>4.055" bore</i>	Inframe = OK-FIT280IF Major = OK-FIT280M
90-90 diesel	298 diesel, 8055.05 <i>4.094" bore</i>	Inframe = OK-FIT298IF Major = OK-FIT298M
980 diesel	316 diesel, 8065.02 <i>3.937" bore</i>	Inframe = OK-FIT316IF Major = OK-FIT316M
100-90 diesel	331 diesel, 8065.06 <i>3.937" bore</i>	Inframe = OK-FIT331IF Major = OK-FIT331M
1180 diesel	358 diesel, 8065.05 <i>4.094" bore</i>	Inframe = OK-FIT358IF Major = OK-FIT358M

OVERHAUL KITS for HESSTON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
130-90, 140-90 diesel	358T diesel, 8065.25 <i>4.094" bore</i>	Inframe = OK-FIT358TIF Major = OK-FIT358TM
160-90, 180-90, 1580, 1880 diesel *	494T diesel, 8365.25 <i>4.527" bore</i> <i>* these kits do not include main bearings</i>	Inframe = OK-FIT494TIF Major = OK-FIT494TM

OVERHAUL KITS for INTERNATIONAL®




Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Cam and Lifter Kits include: camshaft and valve lifters.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<u>Red Power Overhaul Kits</u>		
 <p>All of the overhaul kits listed in the International® section are Red Power overhaul kits. Red Power is a line of engine parts specializing in International® only. Please call for more information about this complete and comprehensive line of new and remanufactured engine parts.</p>		
(to S/N 264,567)	C-60 gas 2.625" bore	Inframe = OK-C60IF Major = OK-C60M * <i>this overhaul kit contains a flat top piston</i> Valve Train = VK-60
Cub, Cub loby, Cub 154 & 184 loby		
(from S/N 264,567)	C-60 gas 2.625" bore	Inframe = OK-C60IF154 Major = OK-C60M154 * <i>this overhaul kit contains a dome top piston</i>

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<i>(fire crater piston)</i>	C-113 & C-123 gas 3.125" bore	Inframe = OK-113IF330A Major = OK-113M330A <i>* this cylinder sleeve has a lower O.D. of 3.30"</i>
<i>(flat top piston)</i>	C-113 & C-123 gas 3.125" bore	Inframe = OK-113IF330B Major = OK-113M330B <i>* this cylinder sleeve has a lower O.D. of 3.30"</i>
A, B, C, Super A, Super C, 100, 130, 140, 200, 230, 240	C-113 & C-123 gas 3.125" bore	Inframe = OK-113IF343A Major = OK-113M343A <i>* this cylinder sleeve has a lower O.D. of 3.43"</i>
<i>(fire crater piston)</i>	C-113 & C-123 gas 3.250" bore	Inframe = OK-113IF343B Major = OK-113M343B <i>* this cylinder sleeve has a lower O.D. of 3.43"</i>
<i>(flat top piston)</i>	C-113 & C-123 gas 3.250" bore	Inframe = OK-113IF343B Major = OK-113M343B <i>* this cylinder sleeve has a lower O.D. of 3.43"</i>
Farmall H		
	C-152 gas 3.437" overbore	Inframe = OK-152IF Major = OK-152M <i>* this overhaul kit contains a fire crater piston</i>
Farmall Super H		
	C-164 gas 3.563" overbore	Inframe = OK-164IF Major = OK-164M <i>* this overhaul kit contains a fire crater piston</i>
Farmall M gas		
<i>(to eng. s/n 278,049)</i>	C-248 gas 4.00" overbore	Inframe = OK-248IFA Major = OK-248MA
	<i>* these overhaul kits contain a fire crater piston</i>	
<i>(from eng. s/n 278,049)</i>	C-248 gas 4.00" overbore	Inframe = OK-248IFB Major = OK-248MB
Farmall Super M gas		
	C-264 gas 4.125" overbore	Inframe = OK-264IF Major = OK-264M <i>* this overhaul kit contains a step head piston, w/1.312" piston pin</i>

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
300, 350 gas	C-169 & C-175 gas 3.625" bore <i>* contains a fire crater piston with .875" piston pin</i>	Inframe = OK-169IF Major = OK-169M Valve Train = VK-169175
330, 340 gas <i>(to eng. s/n 100,500)</i>	C-135 gas 3.25" bore	Inframe = OK-135IF330 Major = OK-135M330 Valve Train = VK-135153
404, 2404 gas <i>(from eng. s/n 100,500)</i>	C-135 gas 3.25" bore	Inframe = OK-135IF404 Major = OK-135M404
B275, 354 diesel	BD-144 diesel 3.375" bore	Inframe = OK-144DIF Major = OK-144DM
B275, B414, 354, 364, 3414, 3444 gas	C-144 gas 3.375" bore	Inframe = OK-144GIF Major = OK-144GM
<i>(to eng. s/n 57,679)</i>	BD-154 diesel 3.50" bore <i>* 4.004" sleeve flange diameter</i>	Inframe = OK-154IFA Major = OK-154MA
B414, B434, 364, 384, 424, 444, 2424, 2444, 3414, 3444 diesel <i>(from eng. s/n 57,679)</i>	BD-154 diesel 3.50" bore <i>* 3.996" sleeve flange diameter</i>	Inframe = OK-154IFB Major = OK-154MB
385, 395, 500C, 500E diesel	D-155 diesel 3.875" bore	Inframe = OK-155IFHC Major = OK-155MHC Valve Train = VK-155179

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
400, 450 gas <i>* this overhaul kit contains a fire crater piston, w/1.00" piston pin</i>	C-281 gas 4.125" bore	Inframe = OK-281IF Major = OK-281M
424, 2424 gas	C-146 gas 3.375" bore	Inframe = OK-146IF Major = OK-146M Valve Train = VK-135153
444, 504, 2444, 2504 gas	C-153 gas 3.375" bore	Inframe = OK-153IF Major = OK-153M Valve Train = VK-135153
454, 2400A, 2400B, 2405B, 2410B gas	C-157 gas 3.375" bore	Inframe = OK-157IF Major = OK-157M Valve Train = VK-157200
464, 3514 gas	C-175 gas (non-sleeved engine) 3.562" bore	Inframe = OK-175IF Major = OK-175M
454, 464, 484, 485, 495 2400A, 2400B diesel	D-179 diesel 3.875" bore	Inframe = OK-179IFHC Major = OK-179MHC Valve Train = VK-155179
460 gas	C-221 gas 3.562" bore	Inframe = OK-221IF460 Major = OK-221M460 Reman. Cam & Lifters = CK-221301 New Cam & Lifters = CK-221301B Valve Train = VK-221 <i>* this overhaul kit contains a step head piston</i>

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
(eng. s/n 5,611 to 16,620) 460, 606, 3616 diesel	D-236 diesel 3.687" bore <i>* 4.165" sleeve flange diameter</i>	Inframe = OK-236IF460 Major = OK-236M460
(from eng. S/N 16,620)	D-236 diesel 3.687" bore <i>* 3.873" sleeve flange diameter</i>	Inframe = OK-236IF606 Major = OK-236M606
(to eng. S/N 12,092) 504, 2504, 3514 diesel	D-188 diesel 3.687" bore <i>* 4.165" sleeve flange diameter</i>	Inframe = OK-188IFA Major = OK-188MA Valve Train = VK-188
(from eng. S/N 12,092)	D-188 diesel 3.687" bore <i>* 3.873" sleeve flange diameter</i>	Inframe = OK-188IFB Major = OK-188MB
544, 574, 674 gas	C-200 gas 3.8125" bore	Inframe = OK-200IF Major = OK-200M Valve Train = VK-157200
544, 574, 664, 674, 684, 685, 695 diesel	D-239 diesel 3.875" bore	Inframe = OK-239IFHC Major = OK-239MHC Valve Train = VK-206268
560, 660 gas	C-263 gas 3.562" bore <i>* this overhaul kit contains a step head piston</i>	Inframe = OK-263IF560 Major = OK-263M560
560, 656, 660, 706 gas	C-263 gas 3.562" bore <i>* this overhaul kit contains a fire crater piston</i>	Inframe = OK-263IF Major = OK-263M
560, 656, 660, 706 gas		Reman. Cam & Lifters = CK-221301 New Cam & Lifters = CK-221301B Valve Train = VK263

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<p>(overhaul kits to eng. S/N 71,777)</p> <p>(valve train kit to eng. S/N 40,698)</p> <p>560, 656, 660, 706 diesel</p>	<p>D-282 diesel</p> <p>3.687" bore</p>	<p>Inframe = OK-282IF560</p> <p>Major = OK-282M560</p> <p>Valve Train = VK-282EARLY</p> <p><i>* 4.165" sleeve flange diameter</i></p>
<p>(overhaul kits from eng. S/N 71,777)</p> <p>(valve train kit from eng. S/N 40,698)</p>	<p>D-282 diesel</p> <p>3.687" bore</p>	<p>Inframe = OK-282IF706</p> <p>Major = OK-282M706</p> <p>Valve Train = VK-282LATE</p> <p><i>* 3.873" sleeve flange diameter</i></p>
<p>584, 585, 595, 2500, 2500A, 2500B diesel</p>	<p>D-206 diesel</p> <p>3.875" bore</p>	<p>Inframe = OK-206IFHC</p> <p>Major = OK-206MHC</p> <p>Valve Train = VK-206268</p>
<p>606 gas</p>	<p>C-221 gas</p> <p>3.562" bore</p>	<p>Inframe = OK-221IF606</p> <p>Major = OK-221M606</p> <p><i>* this overhaul kit contains a fire crater piston</i></p> <p>Reman. Cam & Lifters = CK-221301</p> <p>New Cam & Lifters = CK-221301B</p> <p>Valve Train = VK221</p>
<p>666, 686, 706, 756, 766 gas</p>	<p>C-291 gas</p> <p>3.75" bore</p>	<p>Inframe = OK-291IF</p> <p>Major = OK-291M</p> <p>Reman. Cam & Lifters = CK-221301</p> <p>New Cam & Lifters = CK-221301B</p> <p>Valve Train = VK291</p>
<p>666, 686, Hydro 70, Hydro 86 diesel</p>	<p>D-312 diesel</p> <p>3.875" bore</p>	<p>Inframe = OK-312IF</p> <p>Major = OK-312M</p> <p>Valve Train = VK-312360</p>

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
686, 706, 756, Hydro 86 diesel	D-310 diesel 3.875" bore	Inframe = OK-310IFHC Major = OK-310MHC Valve Train = VK-310358
784, 785 diesel	D-246 diesel 3.935" bore	Inframe = OK-246IF Major = OK-246M Valve Train = VK-206268
766, 826, 886 diesel	D-360 diesel 3.875" bore	Inframe = OK-360IF Major = OK-360M Cam & Lifters = CK-360 Valve Train = VK-312360
786, 826, 886, 3088, 3288 diesel	D-358 diesel 3.875" bore	Inframe = OK-358IFHC Major = OK-358MHC Valve Train = VK-310358
806, 826, 856 gas	C-301 gas 3.8125" bore	Inframe = OK-301IF Major = OK-301M Reman. Cam & Lifters = CK-221301 New Cam & Lifters = CK-221301B Valve Train = VK301
806 diesel	D-361 diesel 4.125" bore	Inframe = OK-361IF Major = OK-361M Valve Train = VK-361407
856, 1026, 1256 diesel	D-407, DT-407 diesel 4.321" bore	Inframe = OK-407IF Major = OK-407M Valve Train = VK-361407 <i>* this piston has a 1.50" piston pin</i>

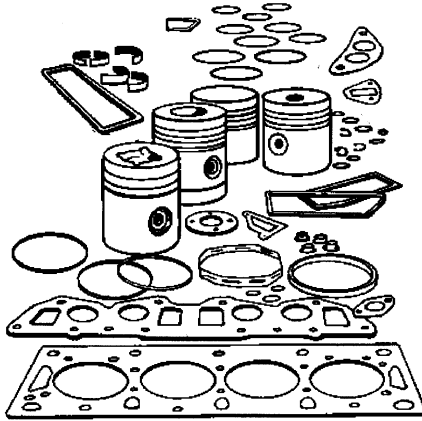
OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
884, 885, 895, 995 diesel	D-268 diesel 3.875" bore	Inframe = OK-268IF Major = OK-268M Valve Train = VK-206268
966 diesel	D-414 diesel 4.30" bore	Inframe = OK-414IF Major = OK-414M Cam & .994" Lifters = CK-414466 Cam & 1.12" Lifters = CK-414466B Valve Train = VK-414466
986, Hydro 100, Hydro 186, 3688 diesel	D-436 diesel 4.30" bore	Inframe = OK-436IF Major = OK-436M Cam & .994" Lifters = CK-414466 Cam & 1.12" Lifters = CK-414466B Valve Train = VK-414466
1066, 1086 diesel	DT-414 diesel 4.30" bore	Inframe = OK-414TIF Major = OK-414TM Cam & .994" Lifters = CK-414466 Cam & 1.12" Lifters = CK-414466B Valve Train = VK-414466
1206 diesel	DT-361 diesel 4.125" bore	Inframe = OK-361TIF Major = OK-361TM Valve Train = VK-361407
1456 diesel	DT-407 diesel 4.321" bore	Inframe = OK-407TIF Major = OK-407TM Valve Train = VK-361407 <i>* this piston has a 1.625" piston pin</i>

OVERHAUL KITS for INTERNATIONAL®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
1466,1486,1566,1586,3388, 3688,4166,4186,5088,6388 diesel	DT-436 diesel 4.30" bore	Inframe = OK-436TIF Major = OK-436TM Cam & .994" Lifters = CK-414466 Cam & 1.12" Lifters = CK-414466B Valve Train = VK-414466
4100, 4156 diesel	DT-429 diesel 4.50" bore	Inframe = OK-429TIF Major = OK-429TM
DT466 engine (to eng. s/n 75,000)	DT-466 diesel 4.30" bore	Inframe = OK-466TAIF Major = OK-466TAM
DT466 engine (eng. s/n 76,440 to 532,980)	DT-466 diesel 4.30" bore	Inframe = OK-466TBIF Major = OK-466TBM
DT466 engine (eng. s/n 532,981 to 594,840)	DT-466 diesel 4.30" bore	Inframe = OK-466TCIF Major = OK-466TCM
DT466 engine (eng. s/n 594,841 to 618,495)	DT-466 diesel 4.30" bore	Inframe = OK-466TDIF Major = OK-466TDM
DT466 engine (from eng. s/n 618,496)	DT-466 diesel 4.30" bore	Inframe = OK-466TEIF Major = OK-466TEM
DT466 engine		Cam & .994" Lifters = CK-414466 Cam & 1.12" Lifters = CK-414466B Valve Train = VK-414466

OVERHAUL KITS for JOHN DEERE®



Gas Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Diesel Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, oil pan gasket set, and connecting rod capscrews.

Gas Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Diesel Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals, connecting rod capscrews, cam bearings (when required), balancer shaft bushings (when required), and piston pin bushings.

Cam and Lifter Kits include: camshaft and valve lifters.

Hyper-formance Overhaul Kits include: Enhanced compression cylinder kits, rod and main bearings with thrusts, full gasket set with front and rear crank seals, connecting rod capscrews, cam bearings, cam plug, and piston pin bushings.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
A (from s/n 584,000)	321 gas 5.50" bore	Inframe = OK-JD321IFA Major = OK-JD321MA
	<i>* inframe kit does not include main bearings & pan gasket</i> <i>* major kit does not include main bearings & crank seals</i>	
B (from s/n 201,000)	190 gas 4.687" bore	Inframe = OK-JD190IFB Major = OK-JD190MB
	<i>* inframe kit does not include pan gasket, major kit does not include crank seals</i>	

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
M, MT	100 gas 4.00" bore	Inframe = OK-JD100IFM Major = OK-JD100MM
40, 320, 330 gas	100 gas 4.00" bore	Inframe = OK-JD100IF40 Major = OK-JD100M40
50 gas	190 gas 4.687" bore <i>* inframe kit does not include pan gasket</i>	Inframe = OK-JD190IF50 Major = OK-JD190M50
60 gas	321 gas 5.50" bore <i>* inframe kit does not include main bearings & pan gasket</i> <i>* major kit does not include main bearings</i>	Inframe = OK-JD321IF60 Major = OK-JD321M60
420, 430, 440 gas	113 gas 4.25" bore	Inframe = OK-JD113IF Major = OK-JD113M
520, 530 gas	190 gas 4.687" bore <i>* inframe kit does not include main bearings & pan gasket</i>	Inframe = OK-JD190IF520
620, 630 gas	321 gas 5.50" bore <i>* inframe kit does not include main bearings & pan gasket</i>	Inframe = OK-JD321IF620

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<i>(2 o-ring groove sleeve)</i> 820, 830, 1020 diesel	152 diesel 3.86" bore	Inframe = OK-JD152EIF Major = OK-JD152EM
<i>(No o-ring groove sleeve)</i>	152 diesel 3.86" bore	Inframe = OK-JD152LIF Major = OK-JD152LM
<i>(2 o-ring groove sleeve)</i> 1020 gas	135 gas 3.86" bore	Inframe = OK-JD135IFA Major = OK-JD135MA
<i>(No o-ring groove sleeve)</i>	135 gas 3.86" bore	Inframe = OK-JD135IFB Major = OK-JD135MB
<i>(2 o-ring groove sleeve & piston pin diameter = 1.1875")</i> 1520, 1530 diesel	164 diesel 4.02" bore	Inframe = OK-JD164EIF Major = OK-JD164EM
<i>(No o-ring groove sleeve & piston pin diameter = 1.1875")</i>	164 diesel 4.02" bore	Inframe = OK-JD164MIF Major = OK-JD164MM
1520, 1530 diesel <i>(piston pin diameter = 1.375")</i>	164 diesel 4.02" bore	Inframe = OK-JD164LIF Major = OK-JD164LM
2010, 2010C gas	145 gas 3.625" bore	Inframe = OK-JD145IF Major = OK-JD145M
<i>(2 o-ring groove sleeve)</i> 2020, 2510 gas	180 gas 3.86" bore	Inframe = OK-JD180IFA Major = OK-JD180MA
<i>(No o-ring groove sleeve)</i>	180 gas 3.86" bore	Inframe = OK-JD180IFB Major = OK-JD180MB

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
<i>(2 o-ring groove sleeve)</i> 2020, 2510 diesel	202 diesel 3.86" bore	Inframe = OK-JD202DEIF Major = OK-JD202DEM Cam & Lifters = CK-JD202276
<i>(No o-ring groove sleeve)</i>	202 diesel 3.86" bore	Inframe = OK-JD202DLIF Major = OK-JD202DLM
2040, 2150, 2155, 2240, 2255 diesel	179 diesel 4.193" bore	Inframe = OK-JD179IF Major = OK-JD179M
<i>(2 o-ring groove sleeve & piston pin diameter = 1.1875")</i> 2030, 2440, 2520 diesel	219 diesel 4.02" bore	Inframe = OK-JD219EIF Major = OK-JD219EM Cam & Lifters = CK-JD202276
<i>(No o-ring groove sleeve & piston pin diameter = 1.1875")</i>	219 diesel 4.02" bore	Inframe = OK-JD219MIF Major = OK-JD219MM Cam & Lifters = CK-JD202276
2030, 2440, 2520 diesel <i>(piston pin diameter = 1.375")</i>	219 diesel 4.02" bore	Inframe = OK-JD219LIF Major = OK-JD219LM
<i>(2 o-ring groove sleeve)</i> 2520 gas	202 gas 3.86" bore	Inframe = OK-JD202GIFA Major = OK-JD202GMA
<i>(No o-ring groove sleeve)</i>	202 gas 3.86" bore	Inframe = OK-JD202GIFB Major = OK-JD202GMB
2350, 2355, 2550, 2555 diesel	239 diesel 4.193" bore	Inframe = OK-JD239IF Major = OK-JD239M Cam & Lifters = CK-JD202276
2630, 2640 diesel	276 diesel 4.193" bore	Inframe = OK-JD276EIF Major = OK-JD276EM Cam & Lifters = CK-JD202276

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
2750, 2755, 2855 diesel	239T diesel 4.193" bore	Inframe = OK-JD239TIF Major = OK-JD239TM Cam & Lifters = CK-JD202276
(2 o-ring groove sleeve & piston pin diameter = 1.1875") 2840, 4030 diesel	329 diesel 4.02" bore	Inframe = OK-JD329EIF Major = OK-JD329EM Cam & Lifters = RE-53884
(No o-ring groove sleeve & piston pin diameter = 1.1875") 2840, 4030 diesel	329 diesel 4.02" bore	Inframe = OK-JD329MIF Major = OK-JD329MM Cam & Lifters = RE-53884
(piston pin diameter = 1.375") 2840, 4030 diesel	329 diesel 4.02" bore	Inframe = OK-JD329LIF Major = OK-JD329LM
2940, 2950, 2955, 3055, 3150, 3155 diesel	359 diesel 4.193" bore	Inframe = OK-JD359IF Major = OK-JD359M Cam & Lifters = RE-53884
3255 diesel	359T diesel 4.193" bore	Inframe = OK-JD359TIF Major = OK-JD359TM Cam & Lifters = RE-53884
3010 gas	201 gas 4.187" overbore <i>* engines with block #R26150,R33190</i>	Inframe = OK-JD201IF Major = OK-JD201M
(to s/n 123,000) 3020 gas	227 gas 4.25" bore <i>* engines w/block #R26070,R33190,R40840,R40900,or R40920</i>	Inframe = OK-JD227IF Major = OK-JD227M
(from s/n 123,000)	241 gas 4.25" bore <i>* block #R40690, head gasket set not included</i>	Inframe = OK-JD241IF Major = OK-JD241M

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
3010, 3020 diesel (to s/n 123,000)	270 diesel 4.25" bore	Inframe = OK-JD270EIF Major = OK-JD270EM Hyper-formance = RP-729 <i>* except engines w/block #R46350 or R46430</i> (all except block #R46350,R46430) Cam & Lifters = CK-JD270E (with block #R46350,R46430) Cam & Lifters = NAR-49143
3020 diesel (from s/n 123,000)	270 diesel 4.25" bore	Inframe = OK-JD270LIF Major = OK-JD270LM Hyper-formance = RP-730 Cam & Lifters = NAR-44393
4010 gas	301 gas 4.1875" overbore	Inframe = OK-JD301IF Major = OK-JD301M
4020 LP gas	340 LP gas 4.25" bore	Inframe = OK-JD340LPIF Major = OK-JD340LPM
(to s/n 201,000)	341 gas 4.25" bore	Inframe = OK-JD341IF Major = OK-JD341M
4000, 4020 gas (from s/n 201,000)	362 gas 4.25" bore	Inframe = OK-JD362IF Major = OK-JD362M
4010, 4020 diesel (to s/n 215,000)	404 diesel 4.25" bore	Inframe = OK-JD404EIF Major = OK-JD404EM Hyper-formance = RP-731 <i>* except engines w/block #R40930</i> (all except block #R40930) Cam & Lifters = CK-JD404E (with block #R40930) Cam & Lifters = NAR-49145
4000, 4020 diesel (from s/n 215,000)	404 diesel 4.25" bore	Inframe = OK-JD404MIF Major = OK-JD404MM Hyper-formance = RP-732 Cam & Lifters = NAR-100386

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
(2 o-ring groove sleeve) 4030 gas	303 gas 3.86" bore	Inframe = OK-JD303GIFA Major = OK-JD303GMA
(No o-ring groove sleeve)	303 gas 3.86" bore	Inframe = OK-JD303GIFB Major = OK-JD303GMB
4040, 4230 diesel	404 diesel 4.25" bore	Inframe = OK-JD404LIF Major = OK-JD404LM Hyper-formance = RP-733 Cam & Lifters = NAR-100386
4050 diesel	359T diesel 4.193" bore	Inframe = OK-JD359TIF Major = OK-JD359TM Cam & Lifters = RE-53884
4320, 4520, 4620 diesel	404T diesel 4.25" bore	Inframe = OK-JD404TEIF Major = OK-JD404TEM Hyper-formance = RP-734 Cam & Lifters = NAR-100385
4240 diesel	466 diesel 4.25" bore	Inframe = OK-JD466IF Major = OK-JD466M Cam & Lifters = NAR-100386
4430, 4630 diesel	404T diesel 4.25" bore	Inframe = OK-JD404TLIF Major = OK-JD404TLM Hyper-formance = RP-735 Cam & Lifters = NAR-100385

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
4440, 4640, 4840, 8430, 8440 diesel	466T diesel <i>4.56" bore</i>	Inframe = OK-JD466TIFA Major = OK-JD466TMA Hyper-formance = RP-766 Cam & Lifters = NAR-100385
4250, 4450, 4650, 4850, 8450 diesel	466T diesel <i>4.56" bore</i>	Inframe = OK-JD466TIFB Major = OK-JD466TMB Hyper-formance = RP-767 Cam & Lifters = NAR-100385
4055, 4255, 4455, 4555, 4560, 4755, 4760 diesel	6076T diesel <i>4.56" bore</i>	Inframe = OK-JD6076TIFA Major = OK-JD6076TMA Cam & Lifters = NRG-22421
4955, 4960, 8560 diesel,	6076T diesel <i>4.56" bore</i>	Inframe = OK-JD6076TIFB Major = OK-JD6076TMB Cam & Lifters = NRG-22421
5010 diesel	531 diesel <i>4.75" bore</i>	Inframe = OK-JD531EIF Major = OK-JD531EM Cam & Lifters = CK-JD531619
5020, 6030 diesel	531 diesel <i>4.75" bore</i>	Inframe = OK-JD531LIF Major = OK-JD531LM Cam & Lifters = CK-JD531619
5200, 5300 diesel	179 diesel <i>4.193" bore</i>	Inframe = OK-JD179IF Major = OK-JD179M

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
5400 diesel	179T diesel 4.193" bore	Inframe = OK-JD179TIF Major = OK-JD179TM
5410, 5415, 5615 diesel	4045 Powertech 4.193" bore	Inframe = OK-JD4045PIF Major = OK-JD4045PM Cam & Lifters = CK-JD4045P
5500 diesel	239T diesel 4.193" bore	Inframe = OK-JD239TIF Major = OK-JD239TM Cam & Lifters = CK-JD202276
5510, 5715 diesel	4045T Powertech 4.193" bore	Inframe = OK-JD4045PTIFA Major = OK-JD4045PTMA Cam & Lifters = CK-JD4045P
6030 diesel	531TA diesel 4.75" bore	Inframe = OK-JD531TIFA Major = OK-JD531TMA Cam & Lifters = CK-JD531619
6200, 6300 diesel	4039T diesel 4.193" bore	Inframe = OK-JD4039TIF Major = OK-JD4039TM
6210, 6310, 6405, 6410, 6510 diesel	4045T Powertech 4.193" bore	Inframe = OK-JD4045PTIFB Major = OK-JD4045PTMB Cam & Lifters = CK-JD4045P
6400, 6500 diesel	4045T diesel 4.193" bore	Inframe = OK-JD4045TIF Major = OK-JD4045TM Cam & Lifters = CK-JD202276

OVERHAUL KITS for JOHN DEERE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
7210, 7405, 7410, 7610 diesel	6068T Powertech 4.193" bore	Inframe = OK-JD6068PTIF Major = OK-JD6068PTM Cam & Lifters = CK-JD6068P
7400, 7600 diesel	6068T diesel 4.193" bore	Inframe = OK-JD6068TIF Major = OK-JD6068TM Cam & Lifters = RE-53884
7520 diesel	531TA diesel 4.75" bore	Inframe = OK-JD531TIFB Major = OK-JD531TMB Cam & Lifters = CK-JD531619
7700, 7800, 8100(<i>to s/n 9,999</i>), 8200(<i>to s/n 9,999</i>),8300(<i>to s/n 9,999</i>)	6076T diesel 4.56" bore	Inframe = OK-JD6076TIFA Major = OK-JD6076TMA Lifters = CK-JD6081P
8100(<i>from s/n 9,999</i>), 8200(<i>from s/n 9,999</i>), 8300(<i>from s/n 9,999</i>), 8400, 9100	6081T diesel 4.56" bore	Inframe = OK-JD6081TIF Major = OK-JD6081TM Cam & Lifters = CK-JD6081P
7710, 7810, 8110, 8210, 8310, 8410 diesel	6081T Powertech 4.56" bore	Inframe = OK-JD6081PTIF Major = OK-JD6081PTM Cam & Lifters = CK-JD6081P
8630 (<i>to eng. s/n 33,814</i>)	619T diesel 5.125" bore	Inframe = OK-JD619TIFA Major = OK-JD619TMA
8640 (<i>eng. s/n 33,814 to 49,060</i>)	619T diesel 5.125" bore	Inframe = OK-JD619TIFB Major = OK-JD619TMB
8650 (<i>from eng. s/n 49,060</i>)	619T diesel 5.125" bore	Inframe = OK-JD619TIFC Major = OK-JD619TMC
8630, 8640, 8650 diesel		Cam & Lifters = CK-JD531619

OVERHAUL KITS for MASSEY FERGUSON®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals. The diesel major overhaul kits also include piston pin bushings.

Premium Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals, piston pin bushings, intake and exhaust valves, valve guides, valve springs, and valve keepers.

Cam and Lifter Kits include: camshaft and valve lifters.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
Pony	N62 gas 2.375" bore	Inframe = OK-CONT62IF Major = OK-CONT62M
TO20 gas	Z120 gas 3.25" overbore	Inframe = OK-CONT120IF Major = OK-CONT120M
Massey Harris 22 & 23 gas	F140 gas 3.1875" bore	Inframe = OK-CONT140IF Major = OK-CONT140M
TO30 gas	Z129 gas 3.375" overbore	Inframe = OK-CONT129IF Major = OK-CONT129M
	(single groove exhaust valve)	Valve Train = VK-CONT129134A
	(tapered groove exhaust valve)	Valve Train = VK-CONT129134B

OVERHAUL KITS for MASSEY FERGUSON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
Massey Harris 30 gas	F162 gas 3.1875" bore	Inframe = OK-CONT162IF Major = OK-CONT162M
TO35, F40 gas (single groove exhaust valve) (tapered groove exhaust valve)	Z134 gas 3.375" overbore	Inframe = OK-CONT134IF Major = OK-CONT134M Valve Train = VK-CONT129134A Valve Train = VK-CONT129134B
Massey Harris 44 gas	H260 gas 3.875" bore	Inframe = OK-CONT260IF Major = OK-CONT260M
20, 40, 135, 150 gas (with Perkins gas)	G152 gas 3.60" bore	Inframe = OK-PER152GIF Major = OK-PER152GM Premium = OK-PER152GP Cam & Lifters = CK-PER152 Valve Train = VK-PER152G
20, 40, 135, 150, 230, 235, 240, 245, 250 diesel (combustion bowl piston)	D152 diesel 3.60" bore (30 degree valves) (45 degree valves)	Inframe = OK-PER152DIF Major = OK-PER152DM Premium = OK-PER152DP Cam & Lifters = CK-PER152 Valve Train = VK-PER152DA Valve Train = VK-PER152DB
35, 50 gas	Z134 gas 3.375" overbore (single groove exhaust valve) (tapered groove exhaust valve)	Inframe = OK-CONT134IF Major = OK-CONT134M Valve Train = VK-CONT129134A Valve Train = VK-CONT129134B

OVERHAUL KITS for MASSEY FERGUSON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
35, 50 diesel <i>(flat top piston)</i>	152 diesel 3.60" bore	Inframe = OK-PER152NIF* Inframe = OK-PER152NIFB** Major = OK-PER152NM* Major = OK-PER152NMB** Premium = OK-PER152NP* Premium = OK-PER152NPB** Cam & Lifters = CK-PER152 Valve Train = VK-PER152N
<p>* contains sleeves with flange thickness = .145" ** contains sleeves with flange thickness = .043"</p>		
30, 65, 165, 302, 304, 3165 diesel <i>(combustion bowl piston)</i>	D203 diesel 3.60" bore <i>(30 degree valves)</i> <i>(45 degree valves)</i>	Inframe = OK-PER203DIF Major = OK-PER203DM Premium = OK-PER203DP Cam & Lifters = CK-PER203 Valve Train = VK-PER203DA Valve Train = VK-PER203DB
65, 165, 3165 gas <i>(with Continental gas)</i>	G176 gas 3.655" overbore	Inframe = OK-CONT176IF Major = OK-CONT176M Valve Train = VK-CONT176
90, Super 90 diesel	300 diesel 4.50" bore	Inframe = OK-PER300IF Major = OK-PER300M Premium = OK-PER300P
130 diesel	107 diesel 3.11" bore	Inframe = OK-PER107IF Major = OK-PER107M Premium = OK-PER107P
135, 150, 230, 235, 245 gas <i>(with Continental gas)</i>	Z145 gas 3.375" bore	Inframe = OK-CONT145IF Major = OK-CONT145M Valve Train = VK-CONT145

OVERHAUL KITS for MASSEY FERGUSON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
165, 255 gas <i>(with Perkins gas)</i>	G212 gas 3.875" bore	Inframe = OK-PER212GIF Major = OK-PER212GM Premium = OK-PER212GP Valve Train = VK-PER212236G
174, 175, 180, 184, 255, 265, 274, 362, 374, 375, 384, 670, 3050 diesel	236 diesel 3.875" bore	Inframe = OK-PER236DIF* Inframe = OK-PER236DIFB** Major = OK-PER236DM* Major = OK-PER236DMB** Premium = OK-PER236DP* Premium = OK-PER236DPB** Valve Train = VK-PER236248
<p><i>* contains flanged sleeves w/outside diameter = 4.065", call for pricing on straight sleeves</i></p> <p><i>** contains flanged sleeves, w/outside diameter = 4.10"</i></p>		
175, 180, 265 gas	G236 gas 3.875" bore	Inframe = OK-PER236GIF Major = OK-PER236GM Premium = OK-PER236GP Valve Train = VK-PER212236G
194, 275, 283, 290, 294, 383, 390, 394, 690, 3060 diesel	248 diesel 3.978" bore	Inframe = OK-PER248IF Major = OK-PER248M Premium = OK-PER248P Valve Train = VK-PER236248
<p><i>* this kit contains flanged sleeves, call for pricing on straight sleeves</i></p>		
285, 298, 1080, 1085 diesel	318 diesel 4.50" bore	Inframe = OK-PER318IF Major = OK-PER318M Premium = OK-PER318P Cam & Lifters = CK-PER318 Valve Train = VK-PER318

OVERHAUL KITS for MASSEY FERGUSON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
390T, 393, 398, 698T, 3070 diesel	T236 diesel 3.875" bore	Inframe = OK-PER236TIF Major = OK-PER236TM Premium = OK-PER236TP Valve Train = VK-PER236T
399, 699, 2640, 2675, 3090, 3505 diesel	354.4 diesel 3.875" bore	Inframe = OK-PER3544IF Major = OK-PER3544M Premium = OK-PER3544P Cam & Lifters = CK-PER3544 Valve Train = VK-PER3544
1100 diesel	354.1 diesel 3.875" bore	Inframe = OK-PER354MIF Major = OK-PER354MM Premium = OK-PER354MP Cam & Lifters = CK-PER354 Valve Train = VK-PER354
1105, 1130, 1135 diesel	T354.1 diesel 3.875" bore	Inframe = OK-PER354TMIF Major = OK-PER354TMM Premium = OK-PER354TMP Cam & Lifters = CK-PER354T Valve Train = VK-PER354T
1150 diesel	510 diesel 4.25" bore	Inframe = OK-PER510IF Major = OK-PER510M Premium = OK-PER510P Cam & Lifters = CK-PER510540 Valve Train = VK-PER510540

OVERHAUL KITS for MASSEY FERGUSON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
1155, 2745 diesel	540 diesel 4.25" bore	Inframe = OK-PER540IF Major = OK-PER540M Premium = OK-PER540P Cam & Lifters = CK-PER510540 Valve Train = VK-PER510540
2705, 3525, 3545, 3630, 3650 diesel	T354.4 diesel 3.875" bore	Inframe = OK-PER3544TIF Major = OK-PER3544TM Premium = OK-PER3544TP Cam & Lifters = CK-PER3544 Valve Train = VK-PER3544
3120, 4263, 6170 diesel	1006.6 diesel 3.937" bore	Inframe = OK-PER365IF Major = OK-PER365M Premium = OK-PER365P Cam & Lifters = CK-PER365 Valve Train = VK-PER365
(to eng. s/n 557,976) 3120T, 3140, 3660, 4270, 6180, 8120 diesel	T1006.6 diesel 3.937" bore	Inframe = OK-PER365TIFA Major = OK-PER365TMA Premium = OK-PER365TPA Cam & Lifters = CK-PER365
(from eng. s/n 557,976)	T1006.6 diesel 3.937" bore	Inframe = OK-PER365TIFB Major = OK-PER365TMB Premium = OK-PER365TPB Cam & Lifters = CK-PER365

OVERHAUL KITS for MASSEY FERGUSON®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
4225, 4235, 6150 diesel	1004.4 diesel 3.937" bore	Inframe = OK-PER244IF Major = OK-PER244M Premium = OK-PER244P Cam & Lifters = CK-PER244 Valve Train = VK-PER244
(to eng. s/n 608,300) 4243, 4245, 4253, 4255 diesel	T1004.4 diesel 3.937" bore	Inframe = OK-PER244TIFA Major = OK-PER244TMA Premium = OK-PER244TPA Cam & Lifters = CK-PER244
(from eng. s/n 608,300)	T1004.4 diesel 3.937" bore	Inframe = OK-PER244TIFB Major = OK-PER244TMB Premium = OK-PER244TPB Cam & Lifters = CK-PER244
4800, 4840, 4880 diesel	903 diesel 5.50" bore	Inframe = OK-CUM903IF Major = OK-CUM903M Valve Train = VK-CUM903

OVERHAUL KITS for MINNEAPOLIS MOLINE®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
Jet Star, Jet Star II, Jet Star III, 4 Star, 445 gas	206 gas 3.625" bore	Inframe = OK-MM206GIF Major = OK-MM206GM <i>* inframe kit does not include pan gasket</i>
G, GB, GTB, GTC gas	403 gas 4.625" bore	Inframe = OK-MM403IF Major = OK-MM403M
G450 diesel	211 diesel, 8045.02 3.937" bore	Inframe = OK-FIT211IF Major = OK-FIT211M
G704, G705, G706, G1000, G1050, G1350 gas	504 gas 4.625" bore	Inframe = OK-MM504GIF Major = OK-MM504GM

OVERHAUL KITS for MINNEAPOLIS MOLINE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
G750 gas	265 gas <i>3.75" bore</i>	Inframe = OK-WAU265GIF Major = OK-WAU265GM
G750 diesel	283 diesel <i>3.875" bore</i>	Inframe = OK-WAU283DIFB Major = OK-WAU283DMB Valve Train = VK-WAU310D
G850 gas	283 gas <i>3.875" bore</i>	Inframe = OK-WAU283GIFA Major = OK-WAU283GMA
G850 diesel	310 diesel <i>3.875" bore</i>	Inframe = OK-WAU310DIF Major = OK-WAU310DM Valve Train = VK-WAU310D
G940 gas	310 gas <i>3.875" bore</i>	Inframe = OK-WAU310GIF Major = OK-WAU310GM
G940 diesel	310T diesel <i>3.875" bore</i>	Inframe = OK-WAU310TIF Major = OK-WAU310TM Valve Train = VK-WAU310D
M5, M504, M602, M604, M670, M670 Super gas	336 gas <i>4.625" bore</i>	Inframe = OK-MM336GIF Major = OK-MM336GM

OVERHAUL KITS for OLIVER®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Premium Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals, piston pin bushings, cam bearings, intake and exhaust valves, valve guides, valve springs, and valve keepers.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

Cam and Lifter Kits include: camshaft and valve lifters.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
44, 440, Super 44 gas	F140 gas 3.1875" bore	Inframe = OK-CONT140IF Major = OK-CONT140M
55, 550, Super 55 diesel 66, 660, Super 66 diesel	155 diesel 3.625" overbore	Major = OK-WAU155DM
55, 550, Super 55 gas 66, 660, Super 66 gas	155 gas 3.625" overbore 3.75" overbore	Inframe = OK-WAU155GIF Major = OK-WAU155GM Major = OK-WAU155GMHC
77, 770, Super 77 diesel	216 diesel 3.625" overbore	Inframe = OK-WAU216DIF Major = OK-WAU216DM

OVERHAUL KITS for OLIVER®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
77, Super 77 gas	216 gas 3.625" overbore 3.75" overbore	Inframe = OK-WAU216GIFA Major = OK-WAU216GMA Major = OK-WAU155GMAHC
770 gas	216 gas 3.625" overbore 3.75" overbore	Inframe = OK-WAU216GIFB Major = OK-WAU216GMB Major = OK-WAU155GMBHC
88, 880, Super 88, 1600 diesel	265 diesel 3.75" overbore	Inframe = OK-WAU265DIF Major = OK-WAU265DM
88, Super 88 gas	231 gas 3.75" overbore	Inframe = OK-WAU231GIFA Major = OK-WAU231GMA
880 gas	231 gas 3.75" overbore	Inframe = OK-WAU231GMB
1255 diesel	143 diesel, 8035.01 3.74" bore	Inframe = OK-FIT143IF Major = OK-FIT143M
1265, 1270 diesel	159 diesel, 8035.02 3.937" bore	Inframe = OK-FIT159IF Major = OK-FIT159M
1355 diesel	190 diesel, 8045.01 3.74" bore	Inframe = OK-FIT190IF Major = OK-FIT190M
1365, 1370 diesel	211 diesel, 8045.02 3.937" bore	Inframe = OK-FIT211IF Major = OK-FIT211M

OVERHAUL KITS for OLIVER®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
1550, 1555 diesel	232 diesel 3.625" bore	Inframe = OK-WAU232DIF Major = OK-WAU232DM
1550, 1555 gas	232 gas 3.625" bore	Inframe = OK-WAU232GIF Major = OK-WAU232GM
1600, 1650, 1655 gas	265 gas 3.75" bore	Inframe = OK-WAU265GIF Major = OK-WAU265GM
1650 diesel (to eng. s/n 187,585)	283 diesel 3.75" bore	Inframe = OK-WAU283DIFA Major = OK-WAU283DMA
1650, 1655 diesel (from eng. s/n 187,585)	283 diesel 3.875" bore	Inframe = OK-WAU283DIFB Major = OK-WAU283DMB Valve Train = VK-WAU310D
1750, 1755 gas	283 gas 3.875" bore	Inframe = OK-WAU283GIFA Major = OK-WAU283GMA
1750, 1755 diesel	310 diesel 3.875" bore	Inframe = OK-WAU310DIF Major = OK-WAU310DM Valve Train = VK-WAU310D
1800 diesel (from eng. s/n 124,396)	283 diesel 3.875" bore	Inframe = OK-WAU283DIFC Major = OK-WAU283DMC

OVERHAUL KITS for OLIVER®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
1800 gas <i>(from eng. s/n 124,396)</i>	283 gas 3.875" bore	Inframe = OK-WAU283GIFB Major = OK-WAU283GMB
1850 diesel	354.1 diesel 3.875" bore	Inframe = OK-PER354OIF Major = OK-PER354OM Premium = OK-PER354OP Cam & Lifters = CK-PER354 Valve Train = VK-PER354
1850, 1855, 1950 gas	310 gas 3.875" bore	Inframe = OK-WAU310GIF Major = OK-WAU310GM
1855, 1950T, 1955 diesel	310T diesel 3.875" bore	Inframe = OK-WAU310TIF Major = OK-WAU310TM
1900, 1950 diesel	4-53 diesel 3.875" bore	Inframe = OK-DET453IF Major = OK-DET453M
2050, 2150 diesel	478 diesel 4.562" bore	Inframe = OK-HER478IF Major = OK-HER478M Cam & Lifters = CK-HER478 Valve Train = VK-HER478
2455 gas	504 gas 4.625" bore	Inframe = OK-MM504GIF Major = OK-MM504GM

OVERHAUL KITS for WHITE®



Inframe Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, head gasket set, and oil pan gasket set.

Major Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals.

Premium Overhaul Kits include: sleeves and orings (when required), pistons, rings, piston pins and retainers, rod and main bearings with thrusts, full gasket set with front and rear crank seals, piston pin bushings, cam bearings, intake and exhaust valves, valve guides, valve springs, and valve keepers.

Valve Train Kits include: intake valves, exhaust valves, valve guides, valve springs, and valve keepers.

Cam and Lifter Kits include: camshaft and valve lifters.

APPLICATION	ENGINE TYPE	KIT PART NUMBER
2-44 diesel	155 diesel 3.625" overbore	Major = OK-WAU155DM
2-44 gas	155 gas 3.625" overbore 3.75" overbore	Inframe = OK-WAU155GIF Major = OK-WAU155GM Major = OK-WAU155GMHC
2-50 diesel	159 diesel, 8035.02 3.937" bore	Inframe = OK-FIT159IF Major = OK-FIT159M

OVERHAUL KITS for WHITE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
2-60 diesel	211 diesel, 8045.02 3.937" bore	Inframe = OK-FIT211IF Major = OK-FIT211M
2-63 diesel	232 diesel 3.625" bore	Inframe = OK-WAU232DIF Major = OK-WAU232DM
2-63 gas	232 gas 3.625" bore	Inframe = OK-WAU232GIF Major = OK-WAU232GM
2-70, 2-78 diesel	283 diesel 3.875" bore	Inframe = OK-WAU283DIFB Major = OK-WAU283DMB Valve Train = VK-WAU310D
2-85, 2-88 diesel (w/eng. s/n TG22453)	354.1 diesel 3.875" bore	Inframe = OK-PER354WIF Major = OK-PER354WM Premium = OK-PER354WP Cam & Lifters = CK-PER354 Valve Train = VK-PER354T
2-105, 2-110 diesel (w/eng. s/n TH22282)	T354.1 diesel 3.875" bore	Inframe = OK-PER354TWIF Major = OK-PER354TWM Premium = OK-PER354TWP Cam & Lifters = CK-PER354T Valve Train = VK-PER354T
2-115, 4-115 diesel	4-53 diesel 3.875" bore	Inframe = OK-DET453IF Major = OK-DET453M

OVERHAUL KITS for WHITE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
2-135, 2-144, 2-155, 4-144 diesel	478 diesel 4.562" bore	Inframe = OK-HER478IF Major = OK-HER478M Cam & Lifters = CK-HER478 Valve Train = VK-HER478
2-180, 4-150, 4-175, 4-180, 4-210 diesel	3208 diesel 4.50" bore	Inframe = OK-CAT636IF Major = OK-CAT636M Cam & Lifters = CK-CAT636
4-225, 4-270 diesel	3208T diesel 4.50" bore	Inframe = OK-CAT636TIF Major = OK-CAT636TM Cam & Lifters = CK-CAT636T
60 American diesel	4390 diesel 4.0165" bore	Inframe = OK-CUM390IF Major = OK-CUM390M Cam & Lifters = CK-CUM390
80 American diesel	4T390 diesel 4.0165" bore	Inframe = OK-CUM390TIF Major = OK-CUM390TM Cam & Lifters = CK-CUM390
100 diesel	6590 diesel 4.0165" bore	Inframe = OK-CUM590IF Major = OK-CUM590M Cam & Lifters = CK-CUM590
120, 125 Workhorse, 6124, 6125 Workhorse diesel	6T590 diesel 4.0165" bore	Inframe = OK-CUM590TIF Major = OK-CUM590TM Cam & Lifters = CK-CUM590

OVERHAUL KITS for WHITE®

APPLICATION	ENGINE TYPE	KIT PART NUMBER
140, 145 Workhorse, 6140, 6145 Workhorse diesel	6TA590 diesel <i>4.0165" bore</i>	Inframe = OK-CUM590AIF Major = OK-CUM590AM Cam & Lifters = CK-CUM590
160, 170 (to eng. s/n 44,487,830), 6175 Workhorse diesel	6T830 diesel <i>4.49" bore</i>	Inframe = OK-CUM830TIFA Major = OK-CUM830TMA Cam & Lifters = CK-CUM830 Valve Train = VK-CUM830
185, 195 (to eng. s/n 44,487,830), 6195 Workhorse diesel	6T830 diesel <i>4.49" bore</i>	Inframe = OK-CUM830TIFC Major = OK-CUM830TMC Cam & Lifters = CK-CUM830 Valve Train = VK-CUM830

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