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## BOBCAT CYLINDER REPAIR KITS

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### BACKHOE ATTACHMENTS

**MODELS** 607, 709, 811, 905, 907, 908A, 908B, 909, 910, 911, 913, 914, 914A, 914B

### EXCAVATORS

**MODELS** 220, 231, 320, 320D, 320G, 322D, 322G, 323, 325G, 328G, 329, 331, 331, 331E, 334, 337G, 337WG, 337WG, 341G, 430, 435, X-225, X-320, X-325, X-331, X-331

### SKID STEER LOADERS

**MODELS** 310, 313, 371, 440, 440B, 443, 444, 500, 450, 453, 463, 520, 530, 533, 540, 542B, 543, 543B, 553, 600, 610, 620, 630, 640, 642, 642B, 643, 653, 700, 720, 721, 722, 730, 731, 732, 733, 741, 742, 743, 742B, 743B, 743DS, 751, 753, 763, 773, 825, 843, 843B, 853, 863, 873, 943, 953, 970, 974, 975, 980, 1213, A300, S130, S150, S160, S175, S185, S205, S220, S250, S300

### WHEEL LOADERS

**MODELS** 1600, 2400, 2410

## CASE CYLINDER REPAIR KITS

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### BACKHOE LOADERS

**MODELS** 380LL, 430 with Backhoe Models 21, 22, 23, 480, 480B with Backhoe Models 23, 26, 26B, 26S, 480C, 480D, 480D LL, 480E, 480E LL, 480F, 480F LL, 530 with Backhoe Models 31, 32, 32S, 580 Super E, 580 Super K, 580 Super L, 580 Super L Construction King, 580 Super M, 580 Super M SERIES 3, 580 Super M+ SERIES 3, 580 Super N Tier 3, 580 Super N Tier 4, 580 with Backhoe Models 33, 33S, 580B with Backhoe Model 35, 580C, 580C Construction King, 580D, 580 Super D, 580F, 580K, 580L, 580M, 580N (Brazil), 580N Tier 3, 580N Tier 4, 590, 590 Super L, 590 Super M, 590 Super M SERIES 3, 590 Super N Tier 3, 590 Super N Tier 4, 590SR Super R, 590SR Super R Tier 2, 590SR Super R Tier 3, 680, 680B, 680C, 680CK, 680E, 680G, 680H, 680K, 680L, 780, 780B

## CASE CYLINDER REPAIR KITS (continued)

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### CRAWLER DOZERS / LOADERS

**MODELS** 310E, 310F with Backhoe Model 31, 310G with Backhoe Models 26, 26B, 26S, 32, 33, 350 with Backhoe Models 26, 26B, 26C, 26S, 350B with Backhoe Models 26C, 26D, 420C, 450 with Backhoe Models 26, 26B, 26C, 26S, 32, 33, 35, 450B, 450C, 455B, 455C with Backhoe Models 26D, 35, 475 Cable Layer, 550E, 550G, 550H, 650G, 650K, 750 with Backhoe Models 32, 33S, 34, 750H, 850 with Backhoe Models 34, 35, 36, 850B with Backhoe Models 35, 850C, 855C with Backhoe Models 35A, 35C, 35C WL, 35 WL, 850D with Backhoe Models 35C, 35C WL, 850E, 855E, 850G, 850H, 850K, 1150 with Backhoe Models 32, 34, 36, 1150B, 1150C, 1150D, 1155D, 1150G, 1150H, 1450, 1450B, 1455B, 1650K-Tier 1, 1650K-Tier 2, 1850K-Tier 1, 1850K-Tier 2, 1850K-Tier 3

### EXCAVATORS

**MODELS** 880, 880B, 880C, 880D, 880R, 9010B, 9020B, 9030B, 9040B, CX36B, CX36, CX75SR, CX130, CX135SR, CX160, CX160B, CX210, CX210B, CX210C, CX240, CX330

### ROUGH TERRAIN FORKLIFTS

**MODEL** 586G

### SKID STEER LOADERS

**MODELS** 40XT, 60XT, 70XT, 75XT, 85XT, 90XT, 95XT, 1818, 1825, 1835, 1835B, 1835C, 1838, 1840, 1845, 1845S, 1845B, 1845C, SR200, SR220, SR250, SV250, SV300

### UNI-LOADERS

**MODELS** 1530B, 1700, 1816B, 1816C, 1818, 1825, 1830, 1835, 1835B, 1840, 1845, 1845B, 1845C, 1845S

### WHEEL LOADERS

**MODELS** 521D, 621, 621B, 621C, 621D, 621E, 621F, 721, 721B, 721C, 721D, 721E, 721F, 821, 821B, 821C, 821E, 821F, 921, 921C, W3, W7, W7C, W7E, W8E, W9, W9A, W9B, W9C, W9E, W10, W10B, W10C, W10E, W11, W11B, W14, W14L, W14H, W14B, W18, W20, W20B, W18B, W20C, W24, W24B, W24C, W26B, W26FL, W30, W36

## **VOLVO CYLINDER REPAIR KITS**

### **ARTICULATED DUMP TRUCKS**

**MODELS** 5350B, A20, A25, A25B, A25C, A25D, A25E, A25F, A30, A30C, A30D, A30E, A30F, A35, A35C, A35D, A35E, A35F, A35F FS, A40, A40D, A40E, A40F, A40F FS

### **BACKHOE LOADERS**

**MODELS** BL60, BL61, BL61 Plus, BL70, VOLVO BL71, BL71 Plus

### **COMPACT EXCAVATORS**

**MODELS** EC15 XR, EC15 XT, EC15 XTV, EC15B XR, EC15B XT, EC15B XTV, EC20 XT, EC20 XTV, EC20B XT, EC20B XTV, EC25, EC30, EC35, EC55, EC55B, ECR58, ECR88

### **EXCAVATORS**

**MODELS** EC140B LC, EC140B LCM, EC160B LC, EC160B NLC, EC160C L, EC160C NL, EC200B, EC210B, EC210C L, EC210C LR, EC210C N, EC210C NL, EC230B, EC240B, EC240B FX, EC240B LC, EC240B LR, EC240B NLC, EC240C L, EC240C LD, EC240C LR, EC240C NL, EC280, EC290B FX, EC290B LC, EC290B LR, EC290B NLC, EC290C L, EC290C LD, EC290C LR, EC290C NL, EC330B LC, EC330C L, EC330C LD, EC340, EC360, EC360B LC, EC360B LR, EC360B NLC, EC360C HR, EC360C L, EC360C LD, EC360C NL, EC460B LC, EC460B LR, EC460C HR, EC460C L, EC460C LD

### **SKID STEER LOADERS**

**MODELS** MC90, MC90B

### **WHEEL DOZERS**

**MODELS** 180, 180-III, 280, 280B, 280C, 280-III, 280-IIIA, 380B, 380-III, 380-III A, W380

### **WHEEL LOADERS**

**MODELS** 12B, 35A, 35AWS, 35B, 35C, 35R, 45A, 45B, 45FB, 45C, 55A, 55A-II, 55-III, 55-III A, 55-III A GRR, 55B, 55C, 75A-II, 75B, LF75B, 75C, 75-III, 75-III A, 85A, 85A-II, 85A-II, 85-III, 85-III A, 125A, 125A-II, 125-111A, 125B, 125C, 175A, 175A-II, 175B, 175C, 175-III, 175-III A, 275B, 275C, 275-III, 275-III A, 475B, 475C, 475CT, 475-III A, 675B, L20B, L25B, L30, L30B, L35B, L40B, L45B, L50, L50B, L50C, L50C OR, L50D, L60E, L60F, L70, L70B, L70C, L70C BM, L70D, L70E, L70F, L90, L90B, L90C, L90C BM, L90D, L90E, L90F, L110E, L110F, L120, L120B, L120C, L120C BM, L120D, L120E, L120F, L140, L150, L150C, L150C BM, L150D, L150E, L150F, L150G, L160, L180, L180C, L180C BM, L180D, L180D HL, L180E, L180E HL, L180F, L180F HL, L180G, L190, L220D, L220E, L220F, L220G, L250G, L270, L270B, L320, L330C, L330C BM, L330C LL, L330C LL BM, L330D, L330E, L350F, L480, L480B, L480T

## **YANMAR CYLINDER REPAIR KITS**

### **COMPACT EXCAVATORS**

**MODELS** B19, VIO35, VIO35-2

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## KOMATSU CYLINDER REPAIR KITS (continued)

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### MOTOR GRADERS

**MODELS** GD200A-1, GD300A-1, GD313A-1, GD405A-1, GD461A-1, GD500R-2, GD505A-2, GD505R-2, GD510R-1, GD511A-1, GD513A-1, GD513R-1, GD515A-1, GD521A-1, GD521R-1, GD523A-1, GD523R-1, GD525A-1, GD600R-3, GD605A-3, GD611A-1, GD611R-1, GD613A-1, GD613R-1, GD615A-1, GD621A-1, GD621R-1, GD623A-1, GD623R-1, GD623R-1, GD663A-1, GD625A-1, GD663A-1, GD705A-3, GD705A-4, GD725A-1, GD825A-1, GD825A-2

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### OFF-HIGHWAY TRUCKS

**MODELS** 830, 830E, 930, 930E-4, HD205-3, HD325-3, HD325-5, HD465-3, HD785-3, HD785-5, HD985-3, HD1200M-1

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### SKID STEER LOADERS

**MODELS** SK815-5, SK815-5N, SK1020-5, SK1020-5N, SK1020-5NA

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### WHEEL DOZERS

**MODELS** WA200-6, WA200PZ-6, WA320-7, WA470-7, WD600-3

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### WHEEL EXCAVATORS

**MODELS** PW05-1, PW20-1, PW30-1, PW60,N-1, PW60-3, PW100-1, PW100-3, PW100N-3, PW150-1, PW210-1

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### WHEEL LOADERS

**MODELS** WA20-1, WA30-1, WA30-2, WA40-1, WA50-3, WA65-3, WA65-5, WA70-1, WA100-1, WA120-1, WA120-3, WA150-1, WA180-1, WA180-3, WA200-1, WA200-5L, WA200L-5, WA250-1, WA250-3, WA250-5, WA250-5L, WA250-6, WA250L-5, WA250PT-5, WA250PT-5L, WA250PTL-5, WA250PZ-6, WA300-1, WA320-1, WA320-3, WA320-3L, WA320-5L, WA320-6, WA320PT-5L, WA320PZ-6, WA350-1, WA380-1, WA380-3, WA380-5L, WA380-6, WA380-7, WA400-1, WA420-1, WA420-3, WA430-6, WA450-1, WA450-2, WA450-3, WA450-5L, WA450-6, WA470-1, WA470-3, WA470-5, WA500-1, WA500-3, WA500-3LE, WA500-6, WA500-7, WA600-1, WA600-3, WA600-3L, WA600-6, WA700-1, WA700-3, WA800-1, WA800-2, WA800-3, WA900-1, WA900-3, WA900-3EO, WA900-3LC, WA900L-3

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## KUBOTA CYLINDER REPAIR KITS

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### COMPACT EXCAVATORS

**MODELS** KH-28L, KH-41(H), KH-90(H), KH-91(H), KH-171L, KH-191, KX41(H), KX61-2 ALPHA, KX71(H), KX080-3, KX101(H), KX121-3 ALPHA, KX121-3S, KX155-3SZ, KX161-3, KX161-3, KX161-3SZ

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## LIEBHERR CYLINDER REPAIR KITS

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### EXCAVATORS

**MODELS** R900 C-LI, R900 C HD-S LI, R900 C HD-SL LI, R904 C-LI, R904 C HD-SL 2000 LI, R904 C-HD-SL 2250 LI, R912 HD-SL, R912 LC, R914 B, R914 B HD-S, R914 B HD-SL, R924 B HD-SL LI, R924 Compact, R932 EW, R932 HD-SL, R934 B, R934 C, R934 EW, R934 HD-SL, R934 C HD-S, R934 C HD-SL, R942 HD-SL, R944 B, R944 C, R944 HD-SL, R954 B, R954 C, R954 HD, R964 C

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### OFF-HIGHWAY TRUCKS

**MODEL** KL2420

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### WHEEL EXCAVATORS

**MODELS** A309 LI, A311 LI, A312 LI, A314 LI, A316 LI, A900 C-LI, A904 C-LI

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### WHEEL LOADERS

**MODELS** L506 Stereo, L507 Stereo, L508 Stereo, L509 Stereo, L538, L538 (Z-bar), L544, L556 2plus2, L556 2plus2 High Lift, L564, L566 2plus2, L566 2plus2 High Lift

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## NEW HOLLAND CYLINDER REPAIR KITS

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### BACKHOE LOADERS

**MODELS** 555E, B95, B95B - TIER 3 (11/10-), B95B - TIER 3 (2008), LB75, LB75B, LB90, LB90B, LB110, LB110B

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### SKID STEER LOADERS

**MODELS** C175, C185, C190, L150, L160, L170, L175, L180, L185, L190, L454, L455, L553, L555, L565, LX565, LX665, L781, L783, L785, L865, LX865, L885, LX885, LS140, LS150, LS160, LS170, LS180, LS180B, LS185B, LS190, LS190B, LX565, LX665, LX865, LX885

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## TAKEUCHI CYLINDER REPAIR KITS

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### COMPACT EXCAVATORS

**MODEL** TB135

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### EXCAVATORS

**MODELS** TB015, TB025, TB035, TB036, TB068

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## TEREX CYLINDER REPAIR KITS

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### EXCAVATORS

**MODELS** RH90-C, RH120-E

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### OFF-HIGHWAY TRUCKS

**MODELS** 3305AA, 3305B, 3307, 3307D, 3308E, 3407, TR100

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### SCRAPERS

**MODELS** S23E, S24, S24B, S24C, TS14, TS14B, TS14C, TS18A, TS24, TS24A, TS24B, TS24C

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## CATERPILLAR® CYLINDER REPAIR KITS

### ARTICULATED DUMP TRUCKS

**MODELS** 725, 730, 740, D25C, D25D, D30C, D30D, D35C, D35HP, D35HPC, D40D, D250B, D250D, D250E, D300B, D300B AG, D300B CANE H, D350B, D350C, D350D, D350D, D350E, D350E, D400, D400D, D400E

### BACKHOE LOADERS

**MODELS** 416, 416B, 416C, 416D, 416E, 420D, 420E, 420F, 422E, 422F, 424D, 426, 426B, 426C, 428, 428B, 428C, 430D, 430E, 436, 436B, 436C, 438, 438B, 438C, 446, 446B, 446D, 450E

### CRAWLER DOZERS

**MODELS** 3P, 3S, 4S, 5A, 5S, 6, 6S, 7A, 7S, 7U, 7SU, 8A, 8B, 8D, 8R, 8S, 8U, 9B, 9R, 9S, 9U, D2, D3, D3 LGP, D3B, D3C, D3G, D3K XL & LGP, D3K2 XL & LGP, D4B, D4C, D4D, D4E, D4G, D4H, D4K XL & LGP, D4K2 XL & LGP, D4L, D4TSKH, D5, D5B, D5C, D5E, D5G, D5H, D5K XL & LGP, D5K2 XL & LGP, D5M, D5N, D5TSKH, D6, D6 LGP, D6B, D6C, D6D, D6E, D6G, D6H, D6K LGP, D6K XL, D6K2 XL & LGP, D6M, D6N, D6R, D6T, D7, D7 LGP, D7A, D7B, D7C, D7D, D7E, D7F, D7G, D7H, D7R, D8, D8H, D8K, D8L, D8N, D8R, D8T, D9D, D9G, D9H, D9L, D9N, D9R, D9T, D10, D10N, D10R, D10T, D11N, D11R, D11T

### CRAWLER LOADERS

**MODELS** 931, 931B, 931C, 933, 933C, 933E, 933F, 933G, 935B, 935C, 939, 939C, 941, 941B, 943, 943B, 951, 951B, 951C, 953, 953B, 953C, 953D, 955, 955C, 955E, 955F, 955H, 955K, 955L, 963, 963B, 963C, 963D, 973, 973C, 977, 977D, 977H, 977K, 977L, 983

### EXCAVATORS

**MODELS** 215, 215B, 215C, 215D, 219, 219D, 225, 225B, 225D, 227, 229, 229D, 231D, 235, 235 FS, 235B, 235C, 235C FS, 235D, 245 FS, 245, 245B, 245B FS, 245D, 302.5, 302.5C, 303 C CR, 303.5, 303.5C CR, 303CR, 304 C CR, 304.5, 304CR, 305 C CR, 305CR, 307, 307B, 307C, 308B, 308C CR, 308D CR, 308D CR SB, 311, 311B, 311C U, 312, 312B, 312BL, 312C, 312CL, 312E, 313B, 314C LCR, 315, 315B, 315B L, 315C, 315C L, 315D L, 315L, 317, 317B, 317BL, 317N, 318B, 318BL, 318C, 318C L, 318C LN, 320, 320B, 320BL, 320C, 320C L, 320C LN, 320C LRR, 320C LU, 320C S, 320C U, 320D, 320D L, 320D LN, 320D LRR, 320D RR, 320E, 320E L, 320E LN, 320E LRR, 320E RR, 320L, 320N, 320S, (continued)

## CATERPILLAR CYLINDER REPAIR KITS (continued)

### EXCAVATORS (continued)

**MODELS** 321B, 321C LCR, 321D LCR, 322, 322B, 322BL, 322C, 322C FM LGP, 322C L, 322C LN, 322L, 322N, 324D L, 325, 325B, 325BL, 325C, 325C L, 325C LN, 325D, 325D L, 325D LN, 325L, 325N, 330, 330B, 330BL, 330C, 330C L, 330C LN, 330D, 330D L, 330D N, 330L, 336D, 336D L, 336D LN, 336E H, 336E L, 336E LH, 336E LN, 336E LNH, 345B, 345BL, 345C, 345C L, 345D L, 350, 350L, 365, 365B, 365C L, 365C L MH, 375, 375L, E70B, E110, E110B, E120, E120B, E180, EL180, E200B, EL200B, E240, EL240, E240B, EL240B, E300, EL300, E300B, EL300B

### FRONT SHOVEL EXCAVATORS

**MODELS** 5080, 5110, 5130, 5130B, 5230, 5230B

### INTEGRATED TOOLCARRIERS

**MODELS** IT12, IT12B, IT12F, IT14B, IT14C, IT14F, IT14G, IT18, IT18B, IT18F, IT24F, IT28, IT28B, IT28F, IT28G, IT38F, IT38G, IT62G

### MOTOR GRADERS

**MODELS** 12, 12E, 12F, 12G, 12H, 12M, 12M2, 14, 14D, 140, 14E, 14G, 14H, 14M, 16, 16G, 16H, 16M, 24H, 112, 112E, 112F, 120, 120B, 120G, 120H, 120M, 120M2, 130G, 135H, 140B, 140G, 140H, 140M, 140M2, 143H, 160G, 160H, 163H

### OFF-HIGHWAY TRUCKS

**MODELS** 768, 768B, 768C, 769, 769B, 769C, 769D, 770, 771C, 771D, 772, 772B, 772E, 773, 773B, 773D, 773E, 773F, 775, 775B, 775D, 775E, 775F, 775G, 776, 776B, 776C, 776D, 777, 777B, 777G, 783B, 784B, 784C, 785, 785B, 785D, 786, 787B, 789, 789B, 789C, 793, 793B, 793C, 793D

### SCRAPERS

**MODELS** 611, 613, 613B, 613C, 613SC, 615, 615C, 615SC, 621, 621B, 621E, 621F, 621G, 621R, 621S, 621SC, 623, 623B, 623E, 623F, 623G, 623SC, 623SCG, 627, 627B, 627E, 627F, 627G, 627SC, 630, 630B, 630SC, 631, 631B, 631C, 631D, 631E, 631SC, 632, 633, 633B, 633C, 633D, 633SC, 637, 637B, 637D, 637E, 637SC, 639D, 639SC, 641, 641B, 641SC, 650, 650B, 651, 651B, 651C, 651E, 651SC, 657, 657B, 657E, 657SC, 660, 660B, 660SC, 666SC, 666, 666B, J621

## CATERPILLAR® CYLINDER REPAIR KITS (continued)

### SKID STEER LOADERS

**MODELS** 226, 226B, 226B2, 236, 236B, 236B2, 236B3, 242, 242B, 242B2, 246, 246B, 246C, 252B, 252B2, 252B3, 257B, 257B2, 257B3, 259B3, 259D, 262, 262B, 262C, 262C2, 262D, 268B, 272C, 272D, 272D XHP, 277B, 277C, 277C2, 279C, 279C2, 279D, 289C, 289C2, 289D, 299C, 299D, 299D XHP

### SKIDDERS

**MODELS** 508, 515, 525, 517, 518, 518C, 520D, 522C, 520C, 525B, 527, 528, 528B, 530B, 535B, 545, FB508, FB518

### TELEHANDLERS

**MODELS** TH62, TH63, TH82, TH83, TH355B, TH360B

### WHEEL DOZERS

**MODELS** 814, 814B, 814F, 814S, 824, 824B, 824C, 824S, 834S, 834U, 830M, 834, 834B, 834C

### WHEEL EXCAVATORS

**MODELS** M315, M316, M318, M320

### WHEEL LOADERS

**MODELS** 904, 910, 910E, 910F, 914, 914G, 916, 918F, 920, 924, 924F, 924G, 924Gz, 924H, 924Hz, 926, 926E, 928F, 928G, 928Hz, 930, 930G, 930H, 930R, 930T, 936, 936E, 936F, 938F, 938G, 938H, 944, 944A, 950, 950B, 950E, 950F, 950G, 950H, 960F, 960G, 962G, 966, 966A, 966B, 966C, 966D, 966E, 966F, 966G, 966H, 966R, 970F, 972G, 972H, 980, 980B, 980C, 980F, 980G, 980H, 980K, 988, 988B, 988F, 988G, 988H, 990, 992, 992B, 992C, 992D, 992G, 992K, 994D, G910, G916, G926, G936, R1300, R1300G, R1600, R1600G, R1700, R1700G

## FIAT-HIACHI CYLINDER REPAIR KITS

### EXCAVATORS

**MODELS** FH120, FH130-1, FH130-2, FH130-3, FH150-1, FH150-1W, FH150-2, FH150-3, FH200-1, FH200-2, FH200-1, FH200-2, FH220-1, FH220-2, FH220-3, FH300-1, FH300-2

## FORD CYLINDER REPAIR KITS

### BACKHOE LOADERS

**MODELS** 340, 540, 340A, 540A, 340B, 540B, 445, 445A, 445C, 445D, 450, 455, 455C, 455D, 545, 545A, 545C, 545D, 550, 555, 555A, 555A-XL, 555B, 555C, 555D, 555E, 575D, 575E, 650, 655, 655A, 655C, 655D, 655E, 675D, 675E, 730, 740, 750, 753, 755, 755A, 755B, 5500-5550, 6500, 7500, A62, A64, A66

## HITACHI CYLINDER REPAIR KITS

### EXCAVATORS

**MODELS** Over 160 EX and ZX Models

### OFF-HIGHWAY TRUCKS

**MODEL** EH1600

### WHEEL LOADERS

**MODEL** LX1000

## JCB CYLINDER REPAIR KITS

### BACKHOE LOADERS

**MODELS** 1CX, 2CX, 3C MIII, 3CX, 3CX SITEMASTER, 3D, 3D MKII, 3D MKIII, 4CN, 4C TURBO, 208S, 208SHF, 210S, 210SU, 214, 214E, 214SM-4, 215-4 CENTERMOUNT SERIES 3, 215S, 1400, 1400B, 1550, 1550B, 1700B, Midi CX, SITEMASTER

### TRACKED EXCAVATORS

**MODELS** JS130, JS160LC, JS200, JS200LC, JS220, JS260, JS260 AUTO, JS260 XD AUTO, JS330, JS330 Auto, JS330XD, JS330XD Auto, JZ140

### WHEEL DOZERS / LOADERS

**MODELS** 902, 904, 906, 908, 910, 910E, 910F, 914, 914G, 916, 918F, 920, 924, 924F, 924G, 924Gz, 924H, 924Hz, 926, 926E, 928F, 928G, 928Hz, 930, 930G, 930H, 930R, 930T, 936, 936E, 936F, 938F, 938G, 938H, 944, 944A, 950, 950B, 950E, 950F, 950G, 950H, 960F, 960G, 962G, 966, 966A, 966B, 966C, 966D, 966E, 966F, 966G, 966H, 966R, 970F, 972G, 972H, 980, 980B, 980C, 980F, 980G, 980H, 980K, 988, 988B, 988F, 988G, 988H, 990, 992, 992B, 992C, 992D, 992G, 992K, 994D, G910, G916, G926, G936, R1300, R1300G, R1600, R1600G, R1700, R1700G

## JOHN DEERE® CYLINDER REPAIR KITS

### BACKHOE LOADERS

**MODELS** 210C, 210K, 210K EP, 210LE, 300B, 302A, 310, 310A, 310B, 310C, 310D, 310E, 310G, 310J, 310K, 310K EP, 310SE, 310SG, 310SJ, 310SK, 310SK TC, 315SE, 401C, 401D, 410, 410B, 410C, 410D, 410E, 410G, 410J, 410K, 410K TC, 415B, 500A, 500B, 500C, 510, 510B, 510C, 510D, 515B, 610B, 610C, 710B, 710C, 710D, 710G, 710J, 710K

### COMPACT EXCAVATORS

**MODELS** 17D, 27 ZTS, 27C ZTS, 27D, 35 ZTS, 35C ZTS, 35D, 35G, 50 ZTS, 50C ZTS, 50D, 50G, 60D, 60G, 75C, 75D, 80C

### COMPACTORS

**MODELS** 646, 646B, 646C

### CRAWLER DOZERS / LOADERS

**MODELS** 350, 350B, 350C, 350D, 355D, 450, 450B, 450C, 450D, 450E, 450G, 450H, 450J, 455D, 455E, 455G, 550, 550A, 550B, 550G, 550H, 550J, 550K, 555, 555A, 555B, 555G, 650G, 650H, 650J, 650K, 655, 655B, 700H, 700J, 700K, 750B, 750C, 750C-II, 750J, 750K, 850, 850B, 850C, 850C-II, 850J, 850K

### EXCAVATORS

**MODELS** 70, 70D, 80, 85D, 85G, 110, 120, 120C, 120D, 130G, 135C, 135D, 135G, 160 LC, 160C LC, 160D LC, 160GLC, 180GLC, 190E, 200 LC, 200C LC, 200D LC, 210GLC, 225C LC, 225DLC, 230 LC, 230C LC, 240D LC, 250GLC, 270C LC, 270D LC, 290D, 290GLC, 330 LC, 330C LC, 350D LC, 350GLC, 370, 370C, 450 LC, 450C LC, 450D LC, 470GLC, 490D, 490E, 495D, 590D, 670GLC, 690, 690A, 690B, 690C, 690CR, 690D, 690E, 690E LC, 790, 790D, 790E LC, 792, 792D, 792D LC, 890, 890A, 892D, 892D LC, 892E, 892E LC, 990, 992D, 992D LC, 992E, 992E LC

### MOTOR GRADERS

**MODELS** 570, 570A, 670, 670A, 670B, 672A, 672B, 770, 770A, 770B, 772A, 772B

### SCRAPERS

**MODELS** 7760, 760A, 762, 762A, 762B, 860, 860A, 860B, 862, 862B, 1312C, 1510C, 1512C, 1810C, 1812C, 1814C, 2112C, 5010

## JOHN DEERE® CYLINDER REPAIR KITS (continued)

### SKID STEER LOADERS

**MODEL** 240, 250, 260, 270, 280, 317, 318D, 319D, 320, 320D, 323D, 325, 326D, 326E, 328, 328D, 328E, 329D, 329E, 332, 332D, 332E, 333D, 333E, CT322, CT332

### WHEEL LOADERS

**MODEL** 244J, 300, 344E, 400, 401A, 444, 444C, 444CH, 444D, 444E, 444H, 444H LL, 444J, 444K, 524K, 544, 544A, 544B, 544C, 544D, 544E, 544E LL, 544E TC, 544G, 544H, 544H LL, 544J, 544K, 624E, 624G, 624H, 624J, 624K, 624KR, 644, 644A, 644B, 644C, 644D, 644E, 644ER, 644G, 644H, 644J, 644K, 724J, 724K, 744E, 744H, 744J, 744K, 824J, 824K, 844, 844K, TC44H, TC54H

## KOBELCO CYLINDER REPAIR KITS

### EXCAVATORS

**MODELS** K903II, K904II, K904III, K905II, K907D, K907II, K909A, K909II, K912II, K916II, SK60, SK70SR, SK70SR-1E, SK70SR-1ES, SK80CS, SK80CS-1E, SK80MSR, SK80MSR-1E, SK80MSR-1ES, SK100, SK115DZ IV, SK115SRDZ, SK115SRDZ-1E, SK120, SK120LC, SK135SR, SK135SR-1E, SK135SRL, SK135SRL-1E, SK135SRLC, SK135SRLC-1E, SK150, SK150LC, SK150LC III, SK150LC IV, SK160LC, SK160LC IV, SK160LC-6E, SK200, SK200 III, SK200 IV, SK200 V, SK200-6, SK200-6ES, SK200-8, SK200LC, SK200LC III, SK200LC IV, SK200LC V, SK200LC-6, SK210 IV, SK210LC, SK210LC-6E, SK210LC-8, SK220 III, SK220LC III, SK220 IV, SK220LC IV, SK230-6E, SK235SR, SK235SR-1E, SK235SR-1ES, SK235SR-2, SK235SRLC, SK235SRLC-1E, SK235SRLC-1ES, SK235SRLC-2, SK250 IV, SK250-8, SK250LC, SK250LC IV, SK250LC-6E, SK250NLC IV, SK260, SK260LC-8, SK290LC, SK290LC-6E, SK300 III, SK300 IV, SK300LC III, SK300LC IV, SK310 III, SK310LC III, SK320 III, SK320LC III, SK330 IV, SK330-6E, SK330-8, SK330LC, SK330LC IV, SK330LC-6E, SK350-8, SK350LC-8, SK400LC III, SK400LC IV

### ARTICULATED DUMP TRUCKS

**MODELS** HM300-1, HM300-1L, HM300-2, HM300-3, HM400-1, HM400-1L, HM400-2, HM400-3

### BACKHOE LOADERS

**MODELS** WB140-2, WB140-2N, WB140PS-2, WB140PS-2N, WB146-5, WB146PS-5, WB150-2, WB150-2N, WB150AWS-2, WB150AWS-2N, WB150PS-2, WB150PS-2N

## KOMATSU CYLINDER REPAIR KITS

### CRAWLER DOZERS

**MODELS** D20A-5, D20A-6, D20A-7, D21A-7, D20P-5, D20P-5A, D20P-6, D20P-6A, D20P-7A, D21P-7A, D20PL-5, D20PLL-6, D20Q-5, D20Q-6, D20S-5, D20S-6, D21A-5, D21A-6, D21A-8, D21P-8, D21E-6, D21P-5, D21P-5A, D21P-6, D21P-6A, D21P-6B, D21PL-5, D21Q-5, D21Q-6, D21S-5, D21S-6, D31A-17, D31E-18, D31E-20, D31EX-21, D31PX-21, D31EX-21A, D31PX-21A, D31EX-22, D31P-17, D31P-17A, D31P-17B, D31P-18, D31PL-18, D31PLL-18, D31P-18A, D31P-20, D31PL-17, D31PLL-17, D31PX-22, D31Q-17, D31Q-18, D31Q-20, D31S-17, D31S-18, D31S-20, D37E-1, D37P-1, D37E-2, D37P-2, D37E-5, D37P-5, D37EX-21, D37PX-21, D37EX-21A, D37PX-21A, D37EX-22, D37PX-22, D39EX-21, D39EX-21A, D39PX-21, D39PX-21A, D39EX-22, D39PX-22, D39EX-23, D39PX-23, D40A-1, D40P-1, D40A-3, D40F-3, D40P-3, D40PL-3, D40PLL-3, D40PL-1, D41A-3, D41A-6, D41E-3, D41E-6, D41P-6, (continued)

## KOMATSU CYLINDER REPAIR KITS (continued)

### CRAWLER DOZERS (continued)

**MODELS** D41P-3, D41Q-3, D41S-3, D45A-1, D45E-1, D45P-1, D45S-1, D50-17, D50A-16, D50A-17, D50P-16, D50P-17, D50PL-17, D50S-16, D51EX-22, D51PX-22, D53-17, D53A-16, D53A-17, D53P-16, D53P-17, D53S-16, D53S-17, D57S-1, D57S-1B, D58E-1, D58E-1B, D58P-1, D60A-7, D60E-7, D60A-8, D60A-8, D65A-8, D60E-8, D60P-7, D60PL-7, D60P-8, D60PL-8, D60S-7, D60S-8, D61EX-12, D61PX-12, D61EX-15, D61PX-15, D63E-1, D65A-6, D65A-7, D65E-7, D65A-8, D65E-8, D65E-12, D65EX-12, D65EX-15, D65EX-17, D65EX-15EO, D65EX-16, D65P-6, D65P-7, D65P-8, D65P-12, D65PX-12, D65PX-15, D65PX-15EO, D65PX-16, D65PX-17, D65S-7, D65S-8, D65WX-17, D66S-1, D68E-1, D68P-1, D75A-1, D75S-3, D75S-5, D80A-18, D80E-18, D83E-1, D83P-1, D85A-18, D85A-21, D85A-21, D85E-21, D85E-18, D85E-21, D85E-SS-2A, D85P-21, D95S-2, D135A-1, D135A-2, D155A-1, D155A-2, D155A-3, D155AX-3, D155AX-5, D155AX-6, D275A-2, D275A-5, D355A-3, D355A-5, D375A-1, D375A-2, D375A-3, D375A-5, D375A-6, D475A-1, D475A-2, D475A-3, D475A-3 SD, D475A-5, D475A-5EO, D475ASD-5EO

### EXCAVATORS

**MODELS** PC05-5, PC05-6, PC10-5, PC10-6, PC10-7, PC12R-8, PC12UU-1, PC15-1, PC15-2, PC15-3, PC15R-8, PC20-5, PC20-6, PC20-7, PC20MRX-1, PC20R-8, PC25-1, PC25R-8, PC27MR-2, PC27MRX-1, PC27R-8, PC28UU-1, PC30-5, PC30-6, PC30-7, PC30MRX-1, PC35MR-2, PC35MRX-1A, PC35R-8, PC38UU-1, PC40-5, PC40-6, PC40-7, PC40MR-1, PC40MRX-1, PC40MR-2, PC40R-8, PC45-1, PC45MR-3, PC45MRX-1, PC45R-8, PC50MR-2, PC50UU-1, PC50UU-2, PC60-5, PC60-6, PC60-7, PC60L-5, PC60L-6, PC60U-5, PC75UU-1, PC75UU-2, PC75UU-3, PC78MR-6, PC78US-5, PC78US-6, PC80-3, PC80LC-3, PC88MR-8, PC88MR-10, PC90-1, PC95R-2, PC100-1, PC100-2, PC100-3, PC100-5, PC100-6, PC100L-3, PC100L-5, PC100U-3, PC120-3, PC120-5, PC120-6, PC128US-2, PC128UU, PC128UU-2, PC130-6, PC130-7K, PC138USLC-2, PC138USLC-8, PC138USLC-10, PC150-1, PC150-3, PC150-5, PC150-6K, PC150LC-6K, PC150LC-3, PC160-6K, PC160LC-7, PC160LC-7-EO, PC160LC-7K, PC160LC-7K-KA, PC160LC-8, PC180LC-6K, PC180LC-7K, PC180NLC-6K, PC180NLC-7K, PC200-1, PC200-2, PC200-3, PC200LC-3, PC200-5, PC200LC-5, PC200-6, PC200-6S, PC200LC-6S, PC200-7, PC200LC-7, PC200LC-6, PC200LC-6LE, PC200LC-7L, PC200LC-7-US, PC200LC-8, PC200LC-8EO, PC210-3, PC210LC-3, PC210-6, PC210-6K, PC210-7K, PC210LC-6, PC210LC-6K, PC210LC-7K, PC210LC-8K, PC210LC-10, PC210NLC-7K, PC220, PC220LC, PC220-2, PC220LC-2, PC220-3, PC220LC-3, PC220-5, PC220LC-5, PC220-6, PC220LC-6, PC220LC-6LC, PC220LC-6LE, PC220LC-7, PC220LC-7L, PC220LC-8, PC228USLC-1, PC228USLC-2, PC228USLC-3, PC228USLC-3EO, PC228USLC-3S, PC228USLC-8, PC228USLC-10, PC230-6, PC240-6K, PC240LC-6K, PC240LC-7K, PC240LC-10, PC240NLC-6K, PC240NLC-7K, PC250LC-6, PC270-8, PC270LC-7L, PC270LC-8, PC270LL-7L, PC280LC-3, PC290LC-6K, PC290LC-7K, PC290LC-10, PC290NLC-6K, PC290NLC-7K, PC300-3, PC300LC-3, PC300-5, PC300LC-5, PC300-6, PC300-7, PC300HD-7EO, PC300HD-7L, PC300LC-7, PC300LC-7EO, PC300LC-7L, PC300LL-7EO, PC300LL-7L, PC308USLC-3, PC308USLC-3EO-W1, PC340-6K, PC340LC-6K, PC340LC-7K, PC340NLC-6K, PC340NLC-7K, PC350-6, PC350LC-8, PC360LC-3, PC360LC-10, PC400-3, PC400LC-3, PC400-5 L/S, PC400-5, PC400LC-5, PC400-6, PC400-7, PC400LC-7, PC400-7EO, PC400LC-7EO, PC400LC-7L, PC400LC-8, PC450-6, PC450-6K, PC450-7K, PC450LC-6K, PC450LC-7K, PC450LC-8, PC490LC-10, PC600-6, PC600LC-6, PC600LC-6A, PC600LC-6K, PC600LC-7, PC600LC-8, PC650-1, PC650-3, PC650-5, PC710-5, PC750-6, PC750SE-6, PC800-6, PC800-7, PC800SE-6, PC800SE-8, PC1000-1, PC1000SE-1, PC1000SP-1, PC1100-6, PC1250-7, PC1250-8, PC1250LC-7, PC1250LC-8, PC1250SP-7, PC1250SP-8, PC1800-6, PC2000-8, PC8000-6E



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