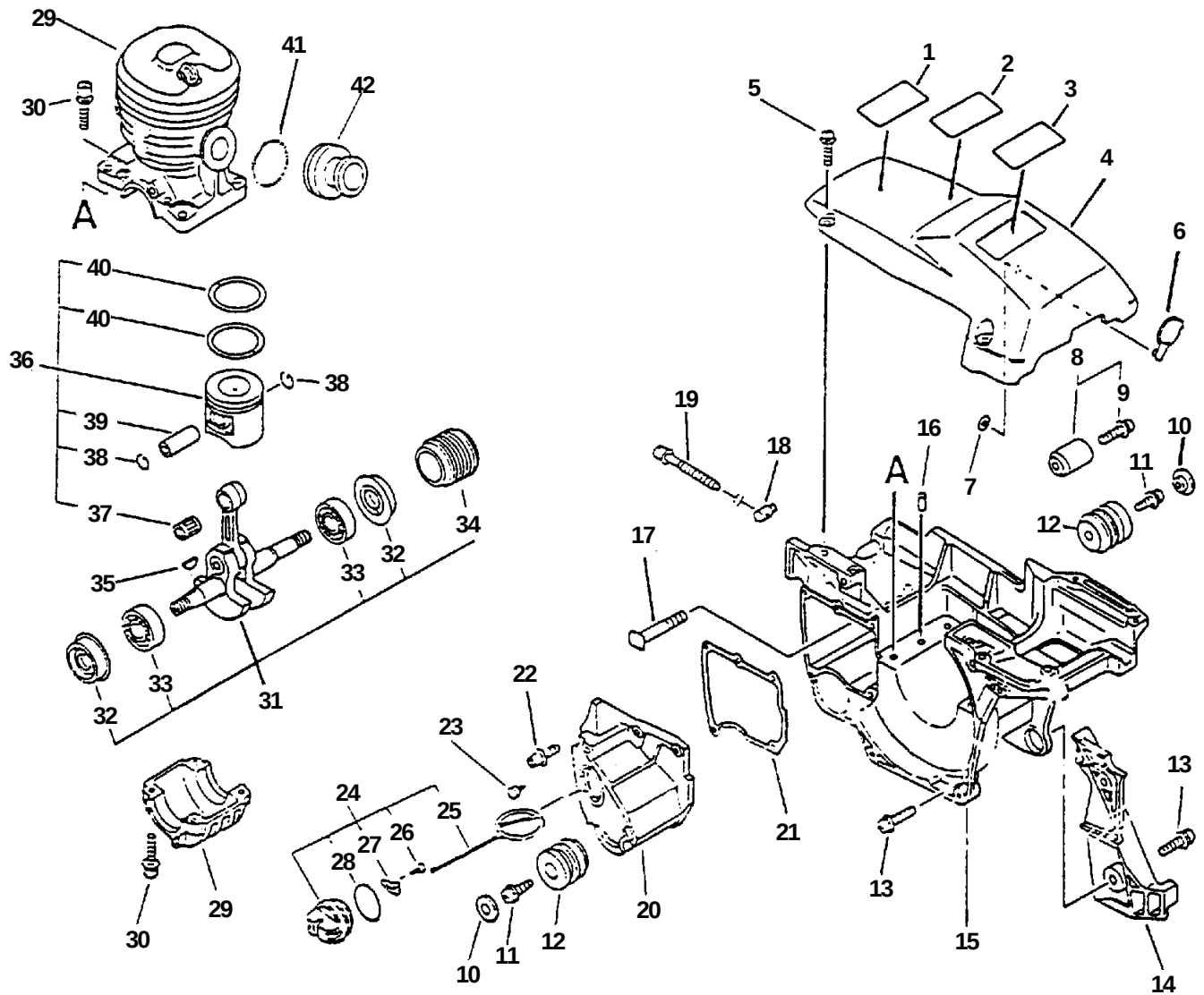
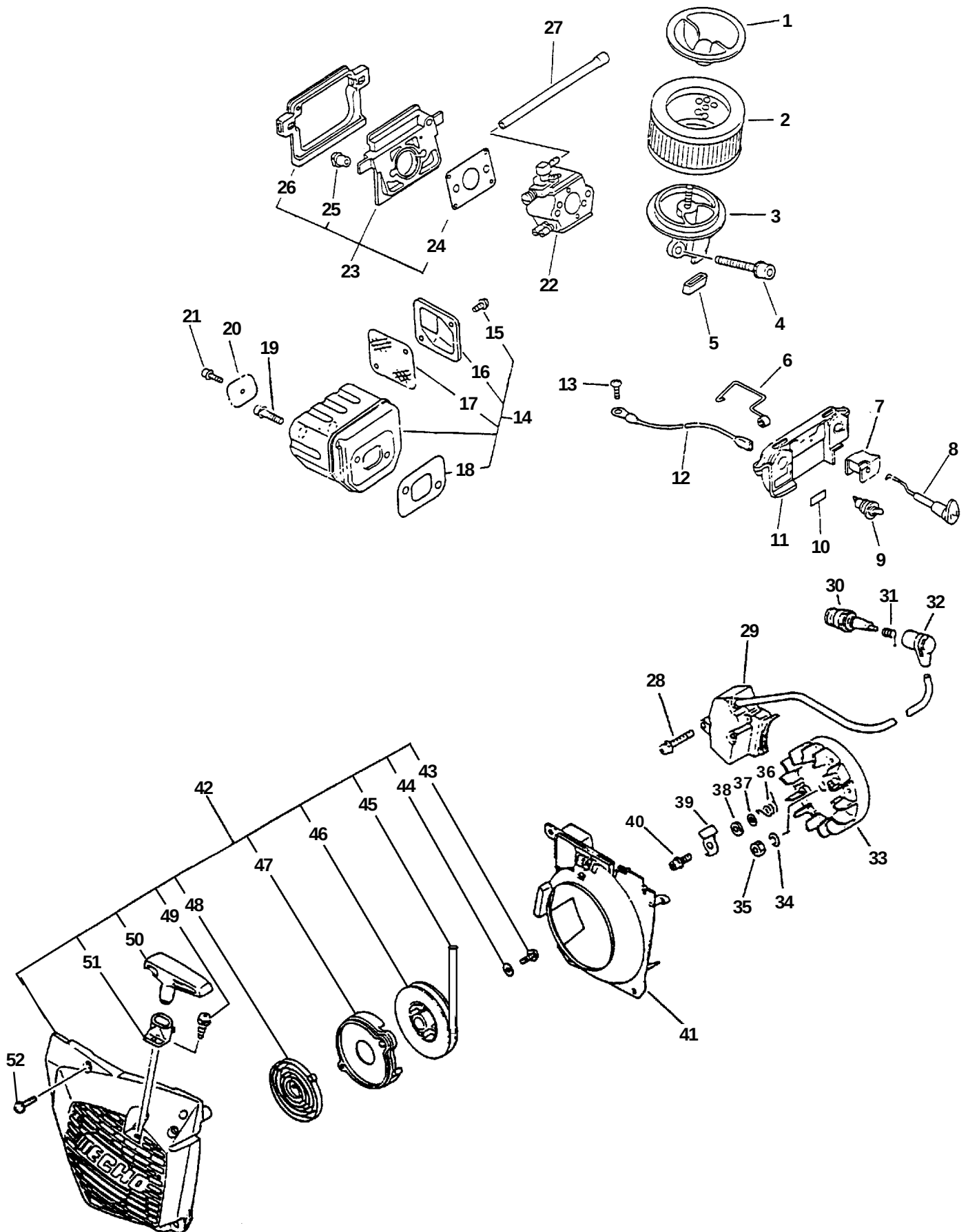




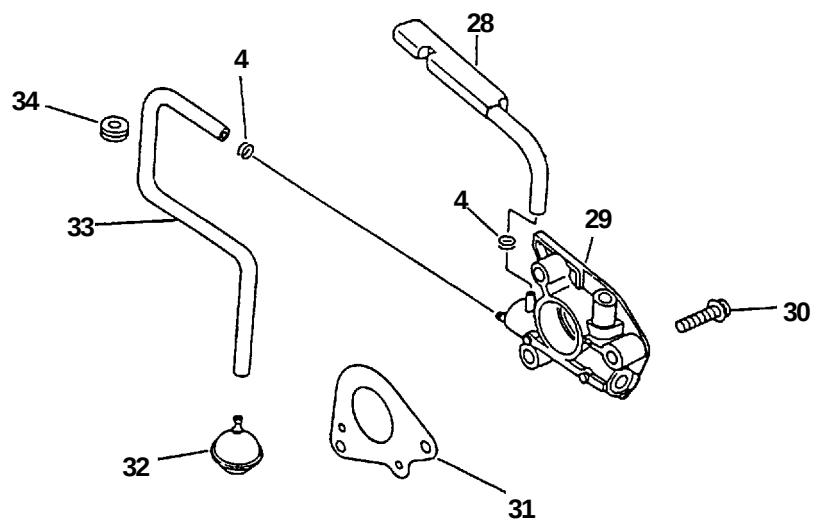
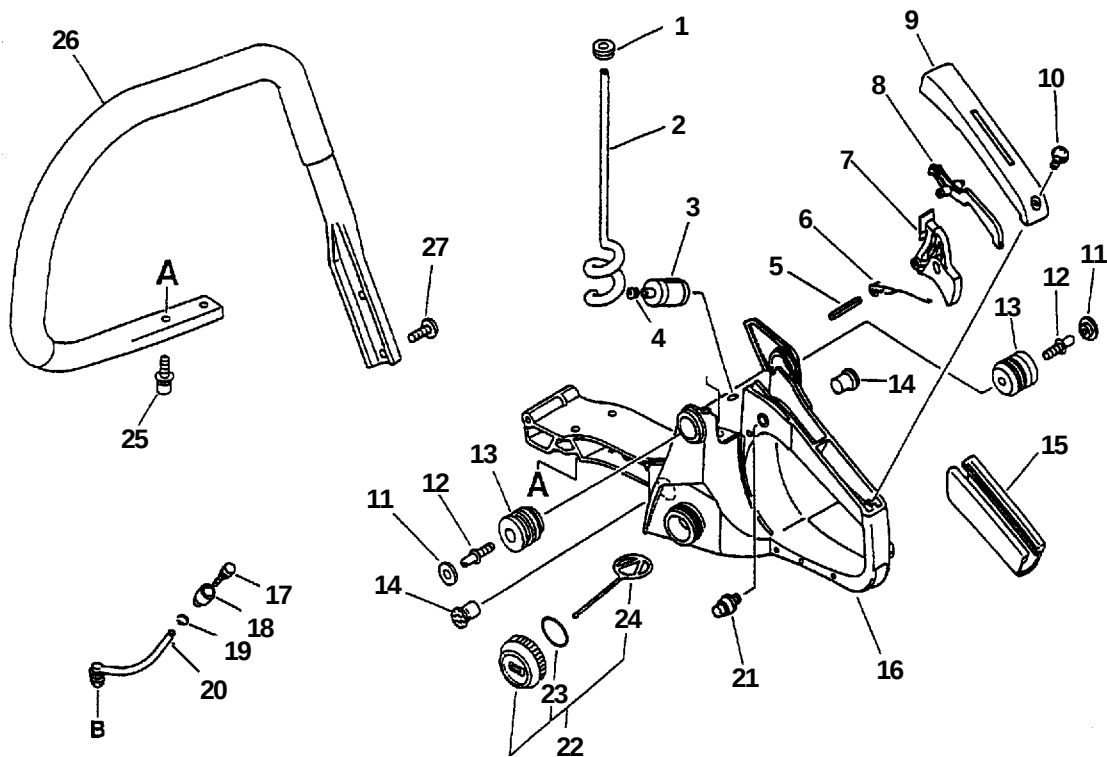
# CS-4400 TYPE 1E ENGINE/EXTERNAL, INTERNAL, CRANKCASE, OIL TANK, CYLINDER COVER



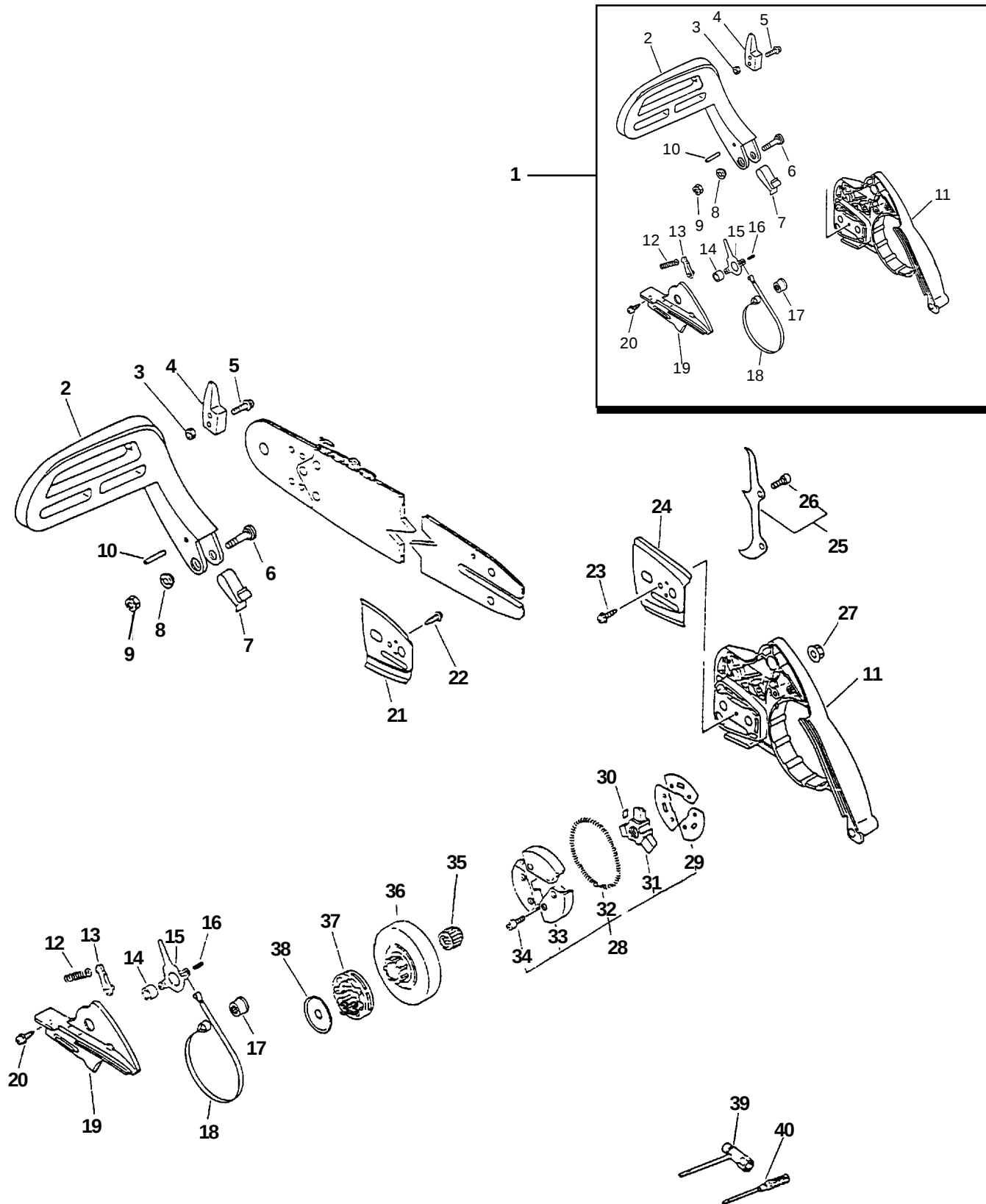
| KEY                   | PART NUMBER   | QTY      | DESCRIPTION         | REMARKS                                                                                                  |
|-----------------------|---------------|----------|---------------------|----------------------------------------------------------------------------------------------------------|
| 1                     | 89019130130   | 1        | LABEL, CAUTION      |                                                                                                          |
| 2                     | 89019230135   | 1        | LABEL, BAR & CHAIN  |                                                                                                          |
| 3                     | 89015139330   | 1        | LABEL, MODEL        |                                                                                                          |
| 4                     | 10150138930   | 1        | COVER ASY, CYLINDER | INCLUDES ITEMS 5 - 7                                                                                     |
| 5                     | 16389038330   | 3        | BOLT                |                                                                                                          |
| 6                     | 10157938330   | 1        | PLATE, WIND PROOF   |                                                                                                          |
| 7                     | 90058000004   | 1        | NUT, PUSH 4         |                                                                                                          |
| 8                     | 43300019831   | 1        | CATCHER KIT, CHAIN  | INCLUDE ITEM 9                                                                                           |
| 9                     | 90022005018   | 1        | SCREW 5X18          |                                                                                                          |
| 10                    | 10091838330   | 2        | CAP, CUSHION        |                                                                                                          |
| 11                    | 10091533930   | 2        | SCREW               |                                                                                                          |
| 12                    | 10092138330   | 2        | CUSHION             |                                                                                                          |
| 13                    | 90023805016   | 3        | SCREW 5X16          |                                                                                                          |
| 14                    | 43304539330   | 1        | COVER               |                                                                                                          |
| 15                    | 10400539330   | 1        | COVER, ENGINE       | INCLUDES ITEMS 16 & 17                                                                                   |
| 16                    | 10021503930   | 2        | PIN, DOWEL          |                                                                                                          |
| 17                    | 43301119830   | 2        | STUD, GUIDE BAR     |                                                                                                          |
| 18                    | 43301419830   | 1        | TENSIONER           |                                                                                                          |
| 19                    | 43301638330   | 1        | SCREW, TENSIONER    |                                                                                                          |
| 20                    | 43600539330   | 1        | TANK, OIL           | INCLUDES ITEMS 21 - 23                                                                                   |
| 21                    | 43601938330   | 1        | GASKET, OIL TANK    |                                                                                                          |
| 22                    | 90016204016   | 3        | BOLT, H.S. 4X16     |                                                                                                          |
| 23                    | 43611413930   | 1        | VALVE, CHECK        |                                                                                                          |
| 24                    | 43600137933   | 1        | CAP ASY, OIL TANK   | INCLUDES ITEMS 25 - 28                                                                                   |
| 25                    | 13105119830   | 1        | LINK                |                                                                                                          |
| 26                    | 90024603008   | 1        | SCREW 3X8           |                                                                                                          |
| 27                    | 13105019830   | 1        | RETAINER, LINK      |                                                                                                          |
| 28                    | 90072502025   | 1        | O-RING              |                                                                                                          |
| 29                    | 10020238930   | 1        | CRANKCASE SET       | INCLUDES ITEM 30 (4-EA)                                                                                  |
| 30                    | 90016205022   | 8        | BOLT, H.S. 5X22     |                                                                                                          |
| 31                    | 10010138330   | 1        | CRANKSHAFT ASY      | INCLUDES ITEMS 32 - 34                                                                                   |
| 32                    | 10021338330   | 2        | OIL SEAL            |                                                                                                          |
| 33                    | 90081036201   | 2        | BEARING, BALL 6201  |                                                                                                          |
| 34                    | 43706338330   | 1        | GEAR, WORM          |                                                                                                          |
| 35                    | 10014242030   | 1        | KEY, WOODRUFF       |                                                                                                          |
| 36                    | 10000038930   | 1        | PISTON KIT          | INCLUDES ITEMS 37 - 40                                                                                   |
| 37                    | 10001235430   | 1        | BEARING, NEEDLE     |                                                                                                          |
| 38                    | 10001503930   | 2        | CIRCLIP, PISTON PIN |                                                                                                          |
| 39                    | 10001335430   | 1        | PIN, PISTON         |                                                                                                          |
| 40                    | 10001138930   | 2        | RING, PISTON        |                                                                                                          |
| 41                    | 13051635430   | 1        | SPRING, TENSION     |                                                                                                          |
| 42                    | 13051038330   | 1        | ADAPTER, INTAKE     |                                                                                                          |
| <b>REPOWER ENGINE</b> |               |          |                     |                                                                                                          |
|                       | <b>SB1025</b> | <b>1</b> | <b>SHORT BLOCK</b>  | <b>INCLUDES FACTORY ASSEMBLED CYLINDER, CRANKCASE, PISTON, CRANKSHAFT, BEARINGS, SEALS &amp; GASKETS</b> |



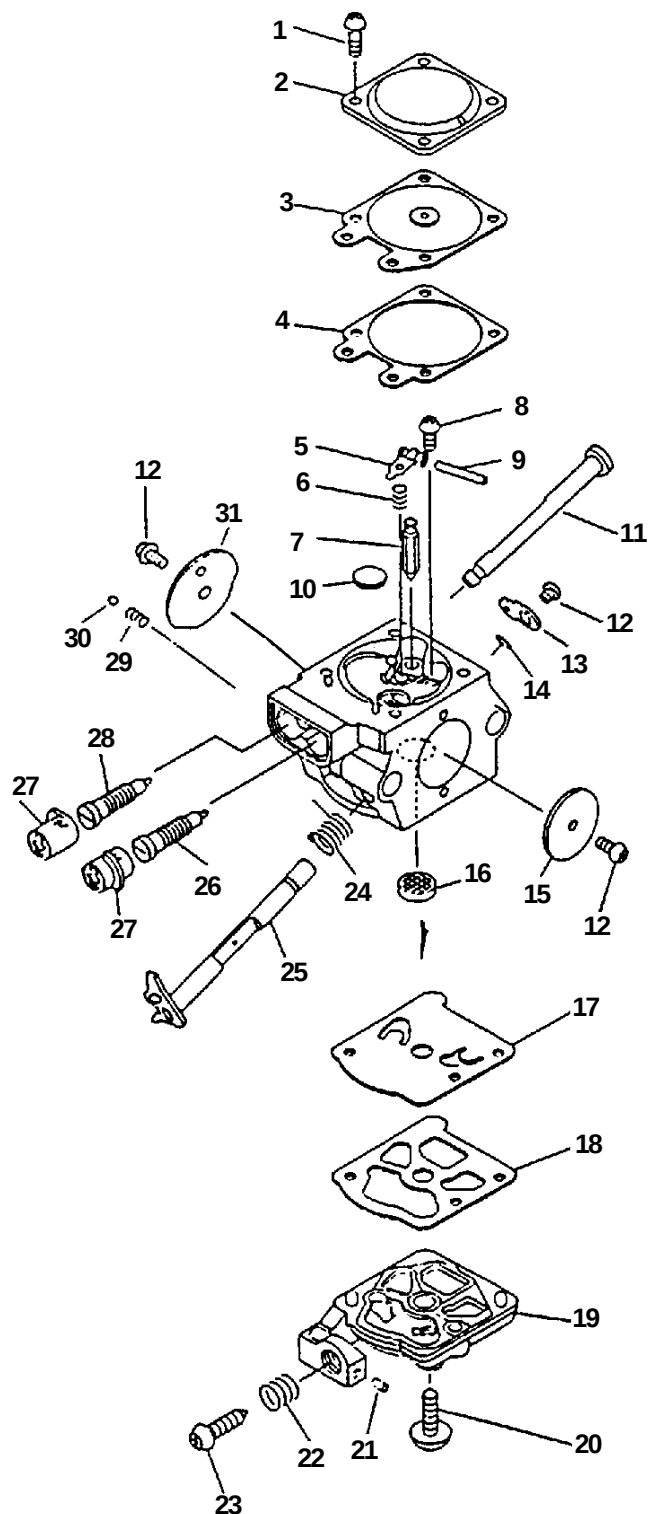
| KEY | PART NUMBER        | QTY | DESCRIPTION          | REMARKS                                                         |
|-----|--------------------|-----|----------------------|-----------------------------------------------------------------|
| 1   | 13040538331        | 1   | BRACKET, AIR CLEANER |                                                                 |
| 2   | 13031038330        | 1   | FILTER, AIR          |                                                                 |
| 3   | 13030138331        | 1   | ELBOW, CARBURETOR    |                                                                 |
| 4   | 90016205050        | 2   | BOLT, H.S. 5X50      |                                                                 |
| 5   | 13043038330        | 1   | CUSHION              |                                                                 |
| 6   | 17801138331        | 1   | ROD, THROTTLE        |                                                                 |
| 7   | 17881038330        | 1   | GROMMET              |                                                                 |
| 8   | 17851038330        | 1   | ROD, CHOKE           |                                                                 |
| 9   | 16340038330        | 1   | SWITCH, IGNITION     |                                                                 |
| 10  | <b>89015737330</b> | 1   | LABEL, SWITCH        |                                                                 |
| 11  | 16381038330        | 1   | BRACKET, SWITCH      |                                                                 |
| 12  | 16201038330        | 1   | LEAD, GROUND         |                                                                 |
| 13  | 90022004006        | 1   | SCREW 4X6            |                                                                 |
| 14  | 14580039330        | 1   | MUFFLER ASY          | INCLUDES ITEMS 15 - 18                                          |
| 15  | 90025004008        | 2   | SCREW 4X8            |                                                                 |
| 16  | 14586335430        | 1   | LID, MUFFLER         |                                                                 |
| 17  | 14588435430        | 1   | SCREEN, ARRESTOR     |                                                                 |
| 18  | 14551035431        | 1   | GASKET, MUFFLER      |                                                                 |
| 19  | 90010505014        | 2   | BOLT, H.S. 5X14      |                                                                 |
| 20  | 14571135430        | 1   | PLATE                |                                                                 |
| 21  | 90010504006        | 1   | BOLT, H.S. 4X6       |                                                                 |
| 22  | 12300039330        | 1   | CARBURETOR WT-416    |                                                                 |
| 23  | 13000038330        | 1   | INSULATOR KIT        | INCLUDES ITEMS 24 - 26                                          |
| 24  | 13001038330        | 1   | GASKET, INTAKE       |                                                                 |
| 25  | 13002033330        | 2   | NUT                  |                                                                 |
| 26  | 13036638330        | 1   | CUSHION              |                                                                 |
| 27  | 13011038330        | 1   | PIPE, IMPULSE        |                                                                 |
| 28  | 90016204030        | 2   | BOLT, H.S. 4X30      |                                                                 |
| 29  | <b>15662638331</b> | 1   | COIL, IGNITION       |                                                                 |
| 30  | 15901716431        | 1   | PLUG, SPARK          |                                                                 |
| 31  | 15901103432        | 1   | COIL, SPARK PLUG CAP |                                                                 |
| 32  | 15901201620        | 1   | CAP, SPARK PLUG      |                                                                 |
| 33  | <b>15680038931</b> | 1   | FLYWHEEL             |                                                                 |
| 34  | 90060500008        | 1   | WASHER, SPRING 8     |                                                                 |
| 35  | 90050000008        | 1   | NUT 8                |                                                                 |
| 36  | 17723435430        | 2   | SPRING, RETURN       |                                                                 |
| 37  | 90060300005        | 2   | WASHER 5             |                                                                 |
| 38  | 17724704630        | 2   | SPACER, RATCHET      |                                                                 |
| 39  | 17721819830        | 2   | PAWL, STARTER        |                                                                 |
| 40  | 90016205014        | 2   | BOLT, H.S. 5X14      |                                                                 |
| 41  | 10153538930        | 1   | COVER, FAN           |                                                                 |
| 42  | 17720039331        | 1   | STARTER ASY          | INCLUDES ITEMS 43 - 51                                          |
| 43  | 90023805012        | 1   | SCREW 5X12           |                                                                 |
| 44  | 17721402830        | 1   | WASHER               |                                                                 |
| 45  | -----              | 1   | ROPE, STARTER        | USE BULK ROPE 99944400045<br>DIA. 3.5MM (.14") X L 1000 (39.4") |
| 46  | 17721538330        | 1   | DRUM, STARTER        |                                                                 |
| 47  | 17722138330        | 1   | PLATE, STARTER       |                                                                 |
| 48  | 17722035430        | 1   | SPRING, REWIND       |                                                                 |
| 49  | <b>90029603014</b> | 1   | SCREW 3X14           |                                                                 |
| 50  | 17722835430        | 1   | GRIP, STARTER        |                                                                 |
| 51  | 17722737930        | 1   | GUIDE, ROPE          |                                                                 |
| 52  | 90023805018        | 4   | SCREW 5X18           |                                                                 |



| KEY | PART NUMBER        | QTY | DESCRIPTION               | REMARKS                |
|-----|--------------------|-----|---------------------------|------------------------|
| 1   | 13211504920        | 1   | GROMMET                   |                        |
| 2   | 13201038330        | 1   | PIPE                      |                        |
| 3   | 13120519830        | 1   | STRAINER, FUEL            |                        |
| 4   | <b>13201326630</b> | 3   | CLIP                      |                        |
| 5   | 90034540030        | 1   | PIN, SPRING 4X30          |                        |
| 6   | 17804335430        | 1   | SPRING, THROTTLE RETURN   |                        |
| 7   | 17801038330        | 1   | CONTROL, THROTTLE         |                        |
| 8   | 17809037930        | 1   | LOCKOUT, THROTTLE CONTROL |                        |
| 9   | 35115535430        | 1   | COVER, HANDLE             |                        |
| 10  | 90025304014        | 1   | SCREW 4X14                |                        |
| 11  | 10091838330        | 2   | CAP, CUSHION              |                        |
| 12  | 10091532530        | 2   | BOLT                      |                        |
| 13  | 10092138330        | 2   | CUSHION                   |                        |
| 14  | 10091038330        | 2   | CUSHION                   |                        |
| 15  | 35111119830        | 1   | GRIP, HANDLE              |                        |
| 16  | <b>35110139330</b> | 1   | HANDLE KIT, REAR          | INCLUDES ITEMS 17 - 20 |
| 17  | 13130040630        | 1   | VENT ASY                  |                        |
| 18  | 13132840630        | 1   | COVER, VENT               |                        |
| 19  | 13201326630        | 1   | CLIP                      |                        |
| 20  | <b>13201239330</b> | 1   | PIPE ASY, W/GROMMET       |                        |
| 21  | 17830212330        | 1   | LATCH, THROTTLE           |                        |
| 22  | 13100437931        | 1   | CAP ASY, FUEL TANK        | INCLUDES ITEMS 23 & 24 |
| 23  | 90072000022        | 1   | O-RING 22                 |                        |
| 24  | 13105119830        | 1   | CLIP, FUEL CAP            |                        |
| 25  | 90025305016        | 2   | SCREW 5X16                |                        |
| 26  | 35160638330        | 1   | HANDLE, FRONT             |                        |
| 27  | 90026805020        | 2   | SCREW, TAPPING            |                        |
| 28  | 43722938331        | 1   | PIPE, OIL                 |                        |
| 29  | 43700238330        | 1   | AUTO-OILER ASY            |                        |
| 30  | <b>90022304016</b> | 2   | SCREW                     |                        |
| 31  | 17531038330        | 1   | PLATE, SEAL               |                        |
| 32  | 43620514730        | 1   | STRAINER, OIL             |                        |
| 33  | 43721038330        | 1   | PIPE, OIL                 |                        |
| 34  | 13211512330        | 1   | GROMMET                   |                        |



| KEY | PART NUMBER | QTY | DESCRIPTION           | REMARKS                |
|-----|-------------|-----|-----------------------|------------------------|
| 1   | 43310039030 | 1   | CHAIN BRAKE ASY       | INCLUDES ITEMS 2 - 20  |
| 2   | 43320139031 | 1   | LEVER KIT, BRAKE      | INCLUDES ITEMS 2 - 10  |
| 3   | 90050000004 | 2   | NUT 4                 |                        |
| 4   | 43317139330 | 1   | WEIGHT, BRAKE         |                        |
| 5   | 90023804018 | 2   | SCREW 4X18            |                        |
| 6   | 90020905030 | 1   | SCREW 5X30            |                        |
| 7   | 43311438330 | 1   | SPRING                |                        |
| 8   | 43316739130 | 1   | SPACER                |                        |
| 9   | 90056000005 | 1   | LOCKNUT 5             |                        |
| 10  | 90033030240 | 1   | ROLLER 3X24           |                        |
| 11  | 43300539330 | 1   | GUARD, SPROCKET       |                        |
| 12  | 43312235430 | 1   | SPRING, BRAKE         |                        |
| 13  | 43320935430 | 1   | STOPPER, BRAKE        |                        |
| 14  | 43311538330 | 1   | COLLAR                |                        |
| 15  | 43320835431 | 1   | LEVER, BRAKE          |                        |
| 16  | 90033040088 | 1   | ROLLER 4X8.8          |                        |
| 17  | 43314235430 | 1   | ADJUSTER              |                        |
| 18  | 43312335430 | 1   | BAND, BRAKE           |                        |
| 19  | 43331039330 | 1   | COVER, BRAKE          |                        |
| 20  | 90025304010 | 2   | SCREW 4X10            |                        |
| 21  | 43301335431 | 1   | PLATE, SPROCKET GUARD |                        |
| 22  | 90022004006 | 1   | SCREW 4X6             |                        |
| 23  | 90022003006 | 1   | SCREW 3X6             |                        |
| 24  | 43301238330 | 1   | PLATE, GUIDE          |                        |
| 25  | 88020038330 | 1   | BUMPER, SPIKED KIT    | INCLUDES ITEM 26       |
| 26  | 90010505012 | 2   | BOLT, H.S. 5X12       |                        |
| 27  | 43301912330 | 2   | NUT, FLANGE 8         |                        |
| 28  | 17500035431 | 1   | CLUTCHASY             | INCLUDES ITEMS 29 - 34 |
| 29  | 17501919830 | 3   | PLATE, CLUTCH         |                        |
| 30  | 17506235430 | 3   | SPACER                |                        |
| 31  | 17501635430 | 1   | HUB, CLUTCH           |                        |
| 32  | 17501819830 | 1   | SPRING, CLUTCH        |                        |
| 33  | 17500219830 | 1   | SHOE, CLUTCH (3)      |                        |
| 34  | 90010504006 | 6   | BOLT, H.S. 4X6        |                        |
| 35  | 17501214630 | 1   | BEARING, NEEDLE       |                        |
| 36  | 17510535430 | 1   | DRUM, CLUTCH          |                        |
| 37  | 17511412530 | 1   | RIM, SPROCKET         |                        |
| 38  | 17501938330 | 1   | PLATE, CLUTCH         |                        |
| 39  | 89541002830 | 1   | WRENCH, W/SCREWDRIVER |                        |
| 40  | 89581203930 | 1   | SCREWDRIVER 50        |                        |



## CARBURETOR

## CS-4400 TYPE 1E

| KEY | PART NUMBER        | QTY | DESCRIPTION                | REMARKS                      |
|-----|--------------------|-----|----------------------------|------------------------------|
|     | <b>12300039330</b> | 1   | CARBURETOR WT-416          | INCLUDES THE FOLLOWING ITEMS |
| 1   | A                  | 4   | SCREW                      |                              |
| 2   | 12314203930        | 1   | COVER, METERING DIAPHRAGM  |                              |
| 3   | A B                | 1   | METERING DIAPHRAGM         |                              |
| 4   | A B                | 1   | GASKET, METERING DIAPHRAGM |                              |
| 5   | A                  | 1   | LEVER, METERING            |                              |
| 6   | A                  | 1   | SPRING, METERING LEVER     |                              |
| 7   | A                  | 1   | VALVE, INLET NEEDLE        |                              |
| 8   | A                  | 1   | SCREW, METERING LEVER PIN  |                              |
| 9   | A                  | 1   | PIN, METERING LEVER        |                              |
| 10  | A                  | 1   | PLUG, WELCH                |                              |
| 11  | 12313135430        | 1   | SHAFT, CHOKE               |                              |
| 12  | 12311403930        | 3   | SCREW                      |                              |
| 13  | 12315038330        | 1   | LEVER, THROTTLE            |                              |
| 14  | 12312715030        | 1   | CLIP, THROTTLE SHAFT       |                              |
| 15  | 12311610530        | 1   | VALVE, THROTTLE            |                              |
| 16  | A                  | 1   | SCREEN, INLET              |                              |
| 17  | A B                | 1   | DIAPHRAGM, FUEL PUMP       |                              |
| 18  | A B                | 1   | GASKET, FUEL PUMP          |                              |
| 19  | <b>12312438330</b> | 1   | COVER, FUEL PUMP           |                              |
| 20  | 12311003930        | 1   | SCREW                      |                              |
| 21  | 12317815030        | 1   | PLUG, FRICTION             |                              |
| 22  | 12313304260        | 1   | SPRING, IDLE ADJUST        |                              |
| 23  | 12313404260        | 1   | SCREW, IDLE ADJUST         |                              |
| 24  | 12311337530        | 1   | SPRING, THROTTLE RETURN    |                              |
| 25  | 12311735430        | 1   | SHAFT, THROTTLE            |                              |
| 26  | 12311802260        | 1   | NEEDLE, IDLE               |                              |
| 27  | 12315139230        | 2   | CAP, LIMITER               |                              |
| 28  | <b>12312039330</b> | 1   | NEEDLE, HIGH SPEED         |                              |
| 29  | 12313510630        | 1   | SPRING, CHOKE FRICTION     |                              |
| 30  | 12313610630        | 1   | BALL, CHOKE FRICTION       |                              |
| 31  | 12313237330        | 1   | VALVE, CHOKE               |                              |
| A   | 12310039130        | 1   | REPAIR KIT                 |                              |
| B   | 12310137330        | 1   | DIAPHRAGM/GASKET KIT       |                              |