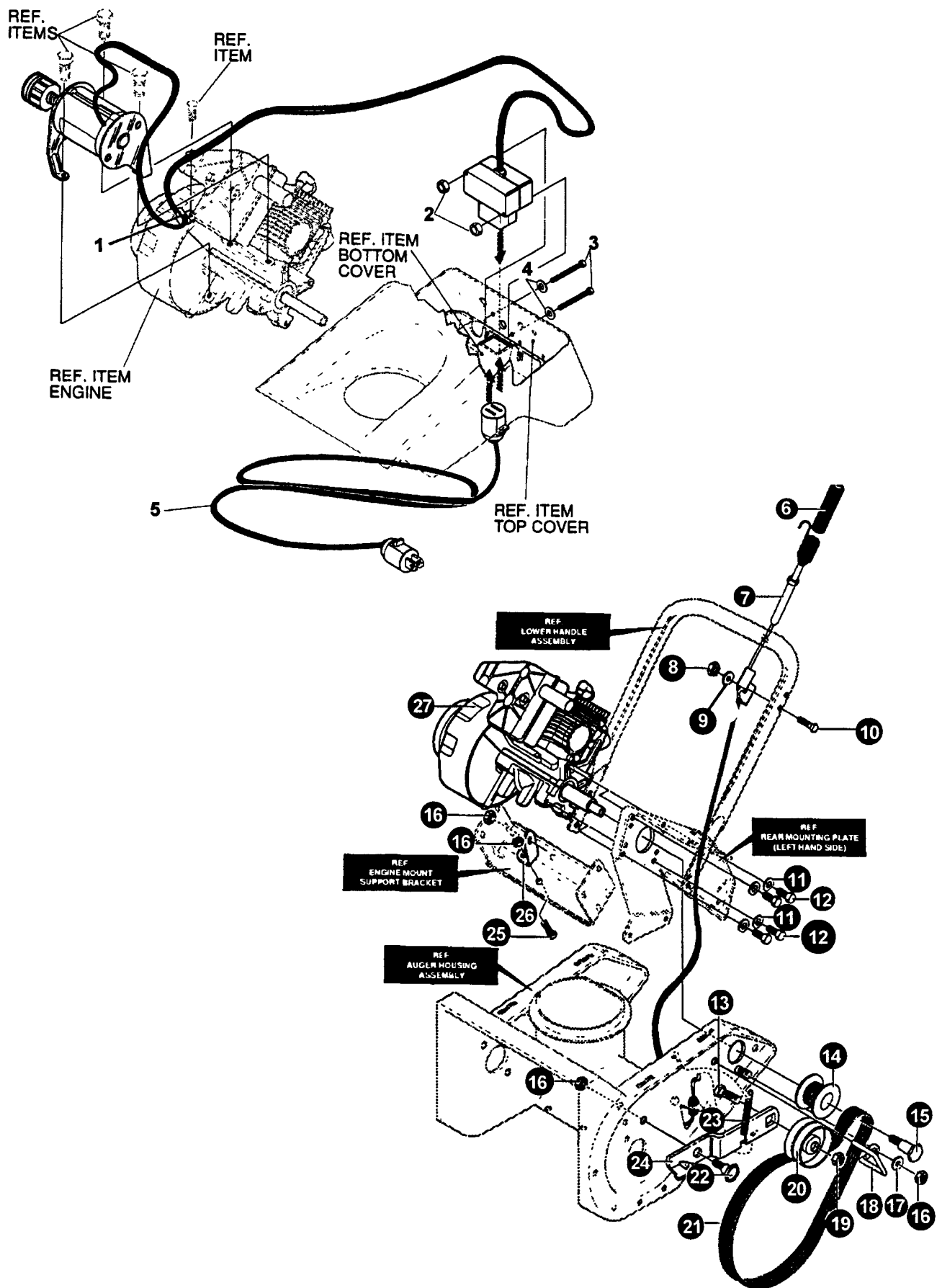




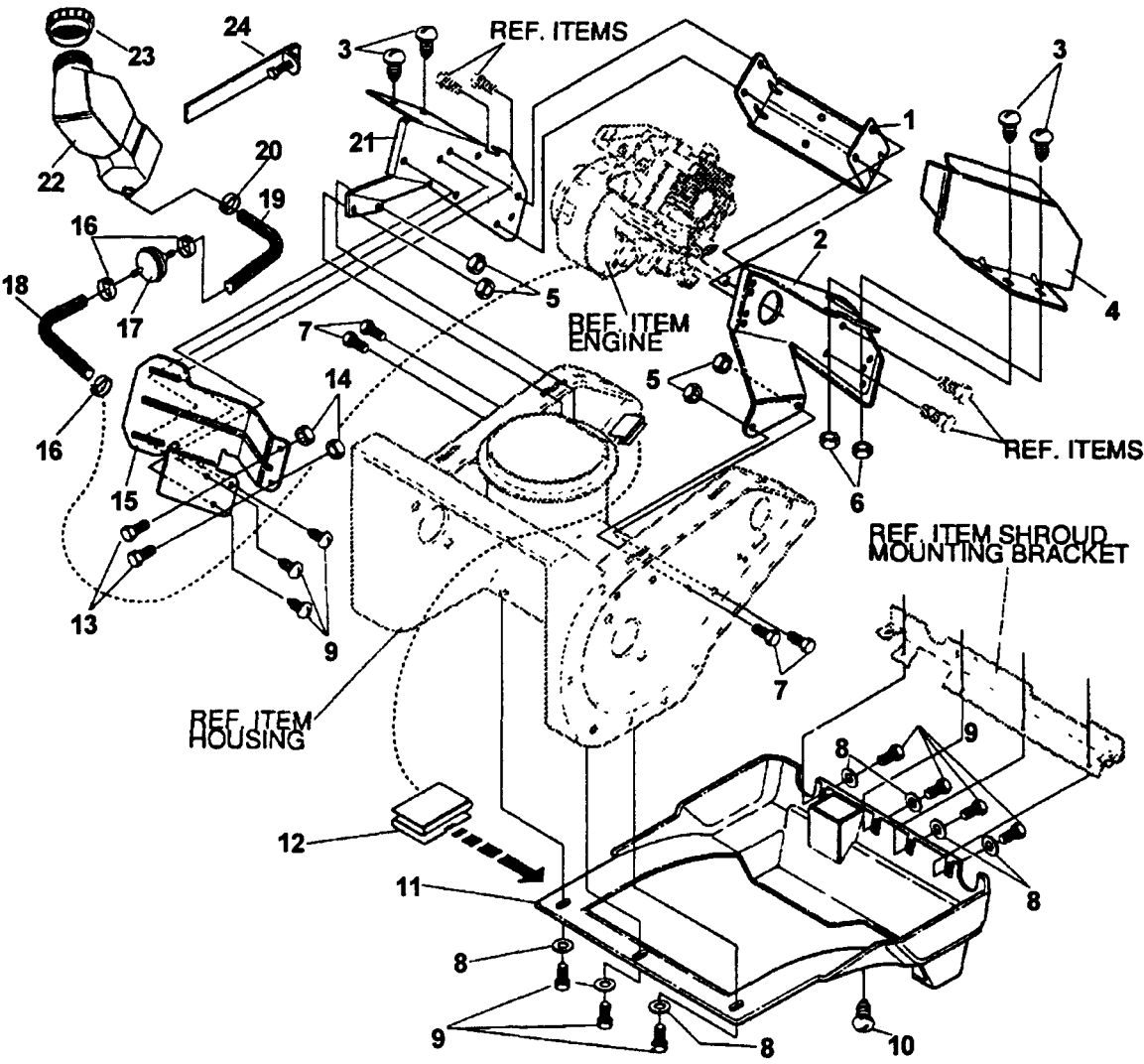
**SNOWTHROWER  
PARTS CATALOG  
MODEL ST-5000 T1E  
SERIAL NUMBER 001001 - 001470  
MODEL ST-5000E T1E  
SERIAL NUMBER 001001 - 001456  
1997 MODELS**

**ECHO, INCORPORATED  
400 OAKWOOD ROAD  
LAKE ZURICH, IL 60047**

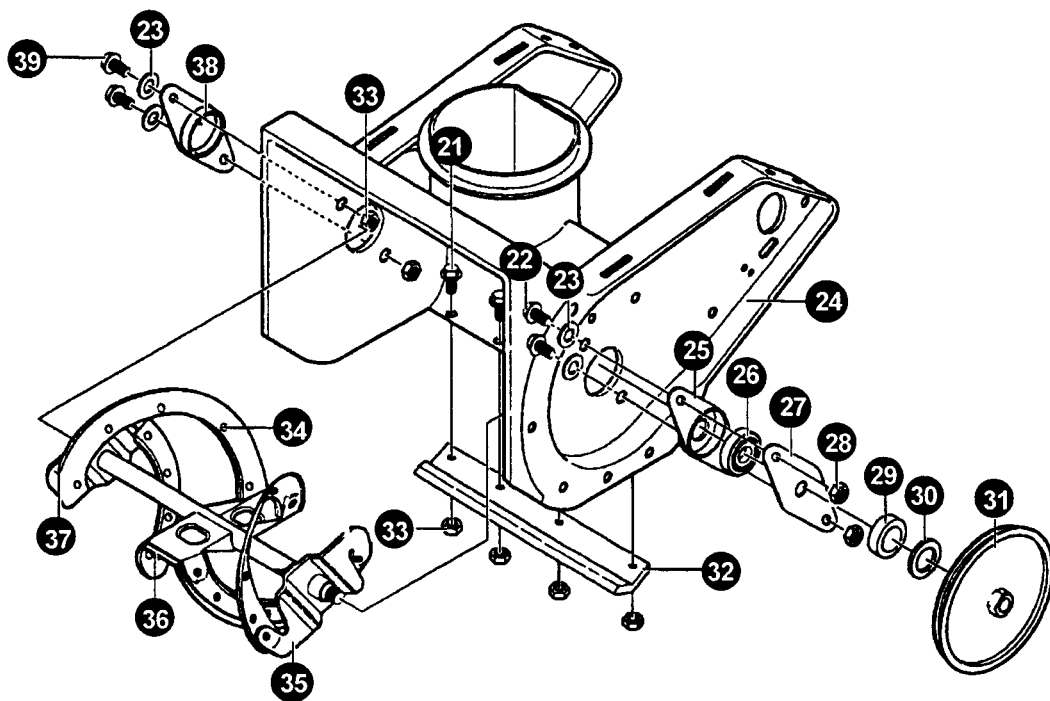
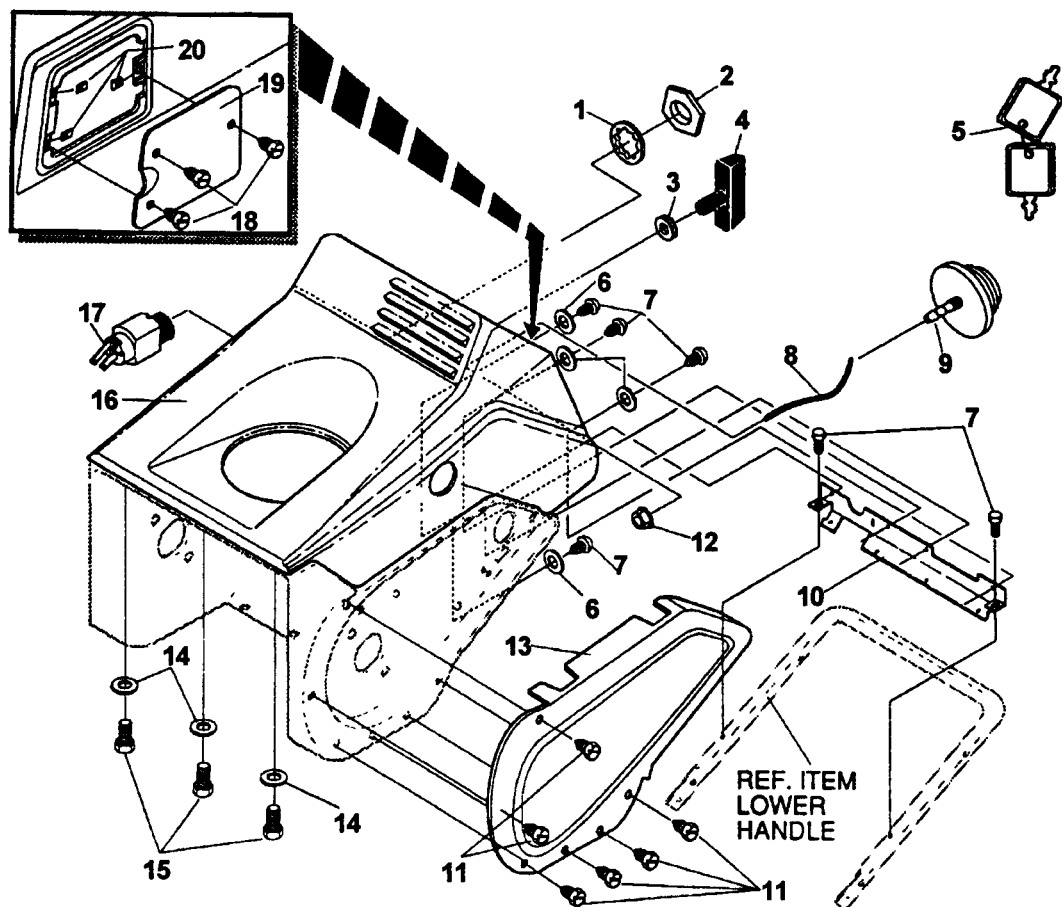
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11/96**



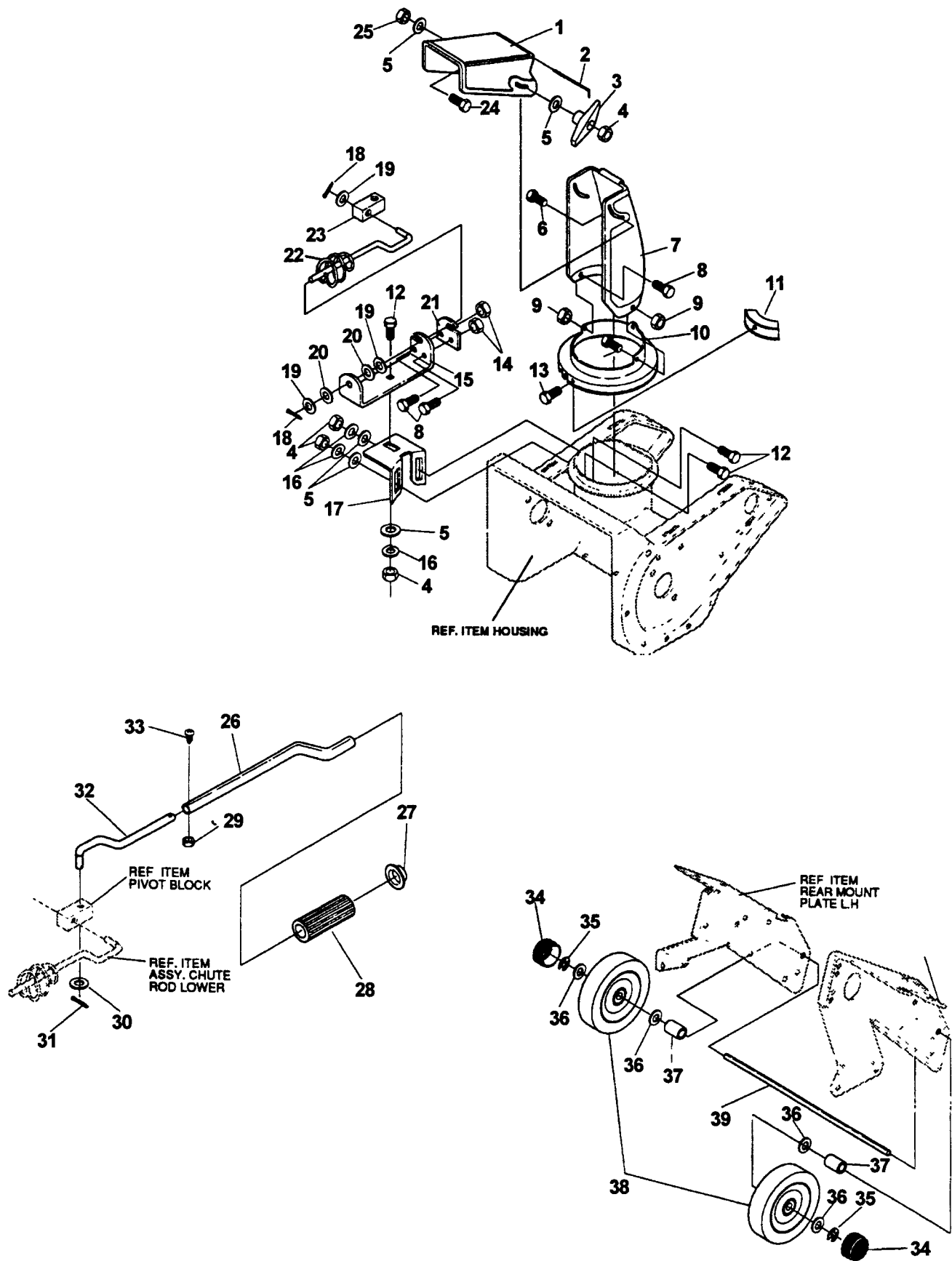
| KEY | PART NUMBER | QTY | DESCRIPTION                   | REMARKS           |
|-----|-------------|-----|-------------------------------|-------------------|
| 1   | 14057569    | 1   | RETAINER, .31DX.62X.03 WIRE   |                   |
| 2   | 14271163    | 2   | NUT, #8-32 HEXKEPS            |                   |
| 3   | 14311633    | 2   | SCREW, #8-32X3.00 HHC         |                   |
| 4   | 14414106    | 2   | WASHER, FLAT .188X.38X.040    |                   |
| 5   | 14056023    | 1   | CORD, EXTENSION 10 F          |                   |
| 6   | 14314142    | 1   | COVER, CABLE SPRING           |                   |
| 7   | 14316001    | 1   | CABLE, DRIVE CONTROL          |                   |
| 8   | 14001502    | 1   | NUT, 1/4-20 REGHEXCTRLK       |                   |
| 9   | 14120392    | 1   | WASHER, FLAT .281X.63X.065    |                   |
| 10  | 14070971    | 1   | SCREW, 1/4-20X1.50            |                   |
| 11  | 14120638    | 4   | WASHER, HVSP TLK .327X.60X.09 |                   |
| 12  | 14180077    | 4   | SCREW, 5/16-18X.75 HHC        |                   |
| 13  | 14045892    | 1   | BOLT, 3/8-16X1.50 CARRSN      |                   |
| 14  | 14333784    | 1   | PULLEY, 4.5 HP                |                   |
| 15  | 14333805    | 1   | BOLT, SHOULDER .625X.282      |                   |
| 16  | 14001498    | 4   | NUT, 5/16-18 REGHEXCTRLK      |                   |
| 17  | 14120386    | 1   | WASHER, FLAT .312X.73X.065    |                   |
| 18  | 14340428    | 1   | GUIDE, BELT 21"               |                   |
| 19  | 14041529    | 1   | NUT, 3/8-16 HXCTRLKJAM        |                   |
| 20  | 14048924    | 1   | PULLEY, IDLER BB 1.88OD       |                   |
| 21  | 14333721    | 1   | BELT, 10 RIB                  |                   |
| 22  | 14333594    | 1   | BOLT, .500X.177 HHSH 5/16-18  |                   |
| 23  | 14339017    | 1   | SPRING, IDLER BRAKE           |                   |
| 24  | 14339415    | 1   | BRACKET, IDLER ARM 5/21       |                   |
| 25  | 14180073    | 1   | SCREW, 5/16-18X.50            |                   |
| 26  | 14301415    | 1   | SUPPORT, ENGINE               |                   |
| 27  | _____       | 1   | ENGINE, 5.0 HP                | SEE ENGINE MANUAL |



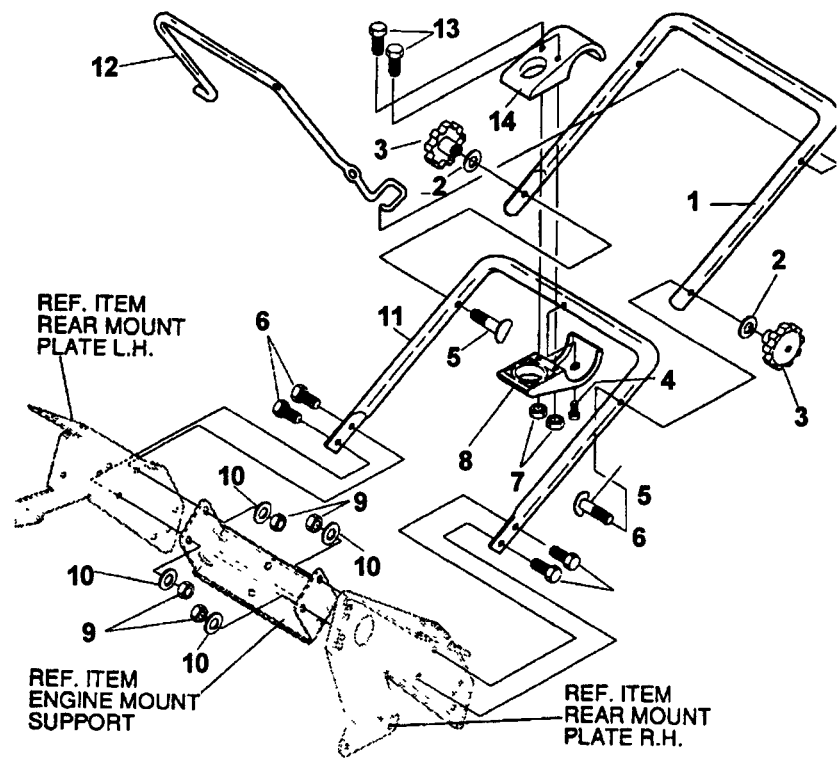
| KEY | PART NUMBER | QTY | DESCRIPTION                     | REMARKS |
|-----|-------------|-----|---------------------------------|---------|
| 1   | 14301419    | 1   | SUPPORT, FRAME                  |         |
| 2   | 14301421    | 1   | PLATE, REAR MT. LH              |         |
| 3   | 14318139    | 4   | SCREW, 1/4-20X.63 PHPNHD        |         |
| 4   | 14311738    | 1   | SHIELD, ENGINE HEAR             |         |
| 5   | 14001498    | 4   | NUT, 5/16-18 REG HEX CTRLK      |         |
| 6   | 14046931    | 2   | NUT, 1/4-20 WDFL MAC-LOCK       |         |
| 7   | 14180073    | 4   | SCREW, 5/16-18X.50 HHC          |         |
| 8   | 14303041    | 7   | WASHER, FLAT                    |         |
| 9   | 14309814    | 9   | SCREW, #10-24X.63 TRPHRAP       |         |
| 10  | 14057366    | 1   | SCREW, 10-16X.50                |         |
| 11  | 14302287    | 1   | SHROUD, BOTTOM SRS PLAS         |         |
| 12  | 14313057    | 1   | CLIP, "S" TINNERMAN             |         |
| 13  | 14274707    | 2   | SCREW, 10-24X.50 WAHHMA         |         |
| 14  | 14997316    | 2   | NUT, #10-24 REG HEX CTRLK       |         |
| 15  | 14307724    | 1   | BRACKET, GAS TANK               |         |
| 16  | 14323387    | 1   | CLAMP, HOSE                     |         |
| 17  | 14056679    | 1   | FILTER, IN-LINE                 |         |
| 18  | 14323395    | 1   | TUBING, .25X.47X3.00 GAS LINE   |         |
| 19  | 14323363    | 1   | TUBING, .25X.47X8.00 GAS LINE   |         |
| 20  | 14047345    | 1   | CLAMP, HOSE SCREW TYPE          |         |
| 21  | 14301420    | 1   | PLATE, REAR MOUNT RH            |         |
| 22  | 14326142    | 1   | TANK, FUEL                      |         |
| 23  | 14327018    | 1   | CAP, FUEL 2/2654 SEAL, 50:1     |         |
| 24  | 14311671    | 1   | CLAMP, WORM DRIVE 2-5/8 - 4-1/2 |         |



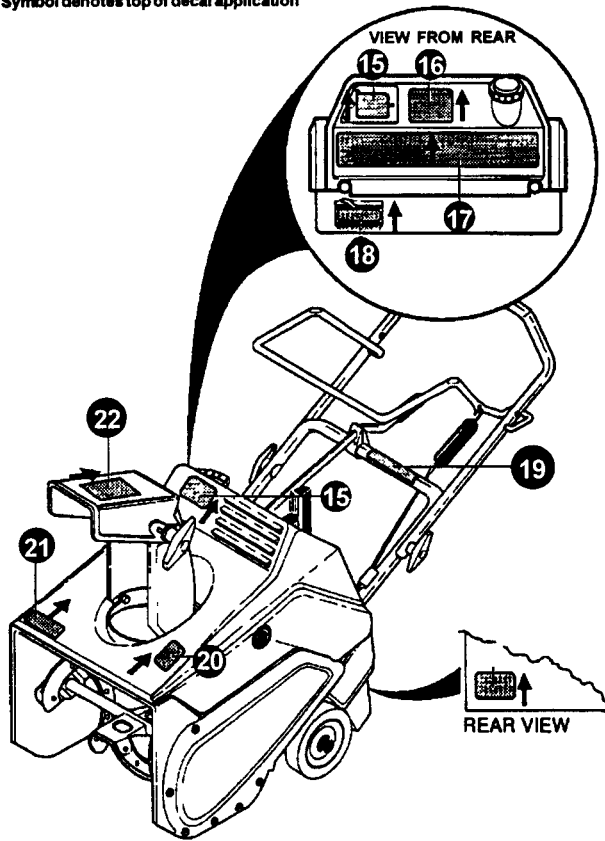
| KEY | PART NUMBER | QTY | DESCRIPTION                     | REMARKS |
|-----|-------------|-----|---------------------------------|---------|
| 1   | 14138557    | 1   | WASHER, REGINTLK                |         |
| 2   | 14048140    | 1   | NUT, 5/8-32 HXHDIGNITION SWITCH |         |
| 3   | 14057587    | 1   | GROMMET & WASHER                |         |
| 4   | 14333643    | 1   | KNOB, STAND TEE                 |         |
| 5   | 14049643    | 2   | KEYS & RING ASY                 |         |
| 6   | 14303041    | 4   | WASHER, FLAT .203X.56X.040      |         |
| 7   | 14309814    | 6   | SCREW, #10-24X.63               |         |
| 8   | 14001259    | 1   | HOSE, PRIM                      |         |
| 9   | 14054601    | 1   | PRIMER, ENGINE                  |         |
| 10  | 14307469    | 1   | BRACKET, SHROUD                 |         |
| 11  | 14035258    | 6   | SCREW, 10-24X.38                |         |
| 12  | 14303008    | 1   | NUT, 1/4-20 HEXKEPS             |         |
| 13  | 14302416    | 1   | COVER, BELT                     |         |
| 14  | 14120385    | 3   | WASHER, FLAT .250X.56X.049      |         |
| 15  | 14309813    | 3   | SCREW, #10-14X.63               |         |
| 16  | 14307468    | 1   | COVER, TOP                      |         |
| 17  | 14056992    | 1   | SWITCH, IGNITION                |         |
| 18  | 14312362    | 3   | SCREW#10-16X.75                 |         |
| 19  | 14307470    | 1   | DOOR, ACCESS                    |         |
| 20  | 14309811    | 3   | NUT, TINN "U" TYPE              |         |
| 21  | 14055686    | 1   | SCREW, 1/4-20X.63               |         |
| 22  | 14180020    | 2   | SCREW, 1/4-20X.75 HHC           |         |
| 23  | 14120392    | 4   | WASHER, FLAT .281X.63X.065      |         |
| 24  | 14340381    | 1   | HOUSING ASY, AUGER 21"          |         |
| 25  | 14580251    | 1   | RETAINER, BEARING               |         |
| 26  | 14049562    | 1   | BEARING, BALL 6203-2AA-C3       |         |
| 27  | 14334287    | 1   | PLATE, RETAINER BEARING         |         |
| 28  | 14001502    | 2   | NUT, 1/4-20 REGHEXCTRLK         |         |
| 29  | 14578101    | 1   | SPACER, SLEEVE .640X.88X.15     |         |
| 30  | 14040677    | 1   | WASHER, FLAT .640X1.25X.06      |         |
| 31  | 14333446    | 1   | PULLEY, POLYV 6"OD 10RIB        |         |
| 32  | 14302418    | 1   | BLADE, SCRAPER                  |         |
| 33  | 14046931    | 6   | NUT, 1/4-20 WDFL MAC-LOCK       |         |
| 34  | 14049838    | 1   | RIVET                           |         |
| 35  | 14309376    | 1   | AUGER, ASY COMPLETE 2CY 21"     |         |
| 36  | 14057121    | 1   | STRIP, AUGER BLADE              |         |
| 37  | 14302565    | 1   | BLADE, AUGER                    |         |
| 38  | 14577023    | 1   | BEARING, FLANGE                 |         |
| 39  | 14180021    | 1   | SCREW, 1/4-20X.88               |         |



| KEY | PART NUMBER | QTY | DESCRIPTION                  | REMARKS |
|-----|-------------|-----|------------------------------|---------|
| 1   | 14325847    | 1   | CHUTE, UPPER                 |         |
| 2   | 14308931    | 1   | WIRE, HINGE 6.65LG           |         |
| 3   | 14013527    | 1   | KNOB, T 2BLADE W/516/18 NUT  |         |
| 4   | 14120376    | 4   | NUT, 5/16-18 REGJEX          |         |
| 5   | 14120393    | 5   | WASHER, FLAT .344X.69X.065   |         |
| 6   | 14302842    | 1   | BOLT, 5/16-18X1.25 CARRLN    |         |
| 7   | 14334234    | 1   | CHUTE                        |         |
| 8   | 14180016    | 4   | SCREW, 1/4-20X.50 HHC        |         |
| 9   | 14046931    | 1   | NUT, 1/4-20 WDFL MAC-LOCK    |         |
| 10  | 14302500    | 1   | RING, LOWER CHUTE            |         |
| 11  | 14300790    | 1   | CLIP, CHUTE RING             |         |
| 12  | 14070993    | 3   | BOLT, 5/16-18X.75            |         |
| 13  | 14056962    | 1   | SCREW, 1/4-14X.63            |         |
| 14  | 14001502    | 2   | NUT, 1/4-20 REGHEXCTRLK      |         |
| 15  | 14300728    | 1   | BRACKET, CHUTE ROD           |         |
| 16  | 14120638    | 3   | WASHER, HVSPTLK .328X.60X.09 |         |
| 17  | 14302505    | 1   | BRACKET, WORM ADJUST         |         |
| 18  | 14121222    | 2   | PIN, COTTER .090 DIA X .75LG |         |
| 19  | 14012452    | 3   | WASHER, FLAT .40X.75X.025    |         |
| 20  | 14313431    | 2   | WASHER, CURVED SPRING        |         |
| 21  | 14307741    | 1   | PLATE, CHUTE ROD             |         |
| 22  | 14307742    | 1   | ROD ASY, CHUTE LOWER         |         |
| 23  | 14051564    | 1   | BLOCK, PIVOT PLASTIC         |         |
| 24  | 14578088    | 1   | SCREW, 5/16-18X.75 SLTRMA    |         |
| 25  | 14001498    | 1   | NUT, 5/16-18 REGHEXCTRLK     |         |
| 26  | 14309449    | 1   | ROD, CHUTE CONTROL UPPER     |         |
| 27  | 14331532    | 1   | NUT, PUSH, FITS 3/8          |         |
| 28  | 14307755    | 1   | KNOB, CHUTE CRANK            |         |
| 29  | 14314159    | 1   | NUT, #10-32 CTRLK            |         |
| 30  | 14012452    | 1   | WASHER, FLAT .40X.75X.025    |         |
| 31  | 14121222    | 1   | PIN, COTTER .090 DIA X .75LG |         |
| 32  | 14307756    | 1   | ROD, MID CHUTE CTL           |         |
| 33  | 14314158    | 1   | SCREW, 10-32X.88             |         |
| 34  | 14577037    | 2   | HUB CAP 3/20                 |         |
| 35  | 14577598    | 2   | E-RING, RET                  |         |
| 36  | 14120394    | 4   | WASHER, FLAT .406X.81X.065   |         |
| 37  | 14309656    | 2   | SPACER, SLEEVE .407X.63X.44  |         |
| 38  | 14325016    | 2   | TIRE & RIM, SEPU 8X1.75      |         |
| 39  | 14307719    | 1   | SHAFT, AXLE 5/21             |         |



Symbol denotes top of decal application



| KEY | PART NUMBER | QTY | DESCRIPTION                  | REMARKS  |
|-----|-------------|-----|------------------------------|----------|
| 1   | 14325597    | 1   | UPPER HANDLE & FOAM, LOOP    |          |
| 2   | 14022025    | 2   | WASHER, FORM .344ID 1.0      |          |
| 3   | 14329935    | 2   | KNOB                         |          |
| 4   | 14310169    | 1   | SCREW, 1/4-20X.63            |          |
| 5   | 14337584    | 2   | BOLT, 5/16-18X2.00           |          |
| 6   | 14180077    | 4   | SCREW, 5/16-18X.75 HHC       |          |
| 7   | 14071055    | 2   | NUT, #10-24 HEXNYLLK         |          |
| 8   | 14308716    | 1   | BRACKET HALF, CHUTE CRANK    |          |
| 9   | 14001498    | 4   | NUT, 5/16-18 REGHEXCTRLK     |          |
| 10  | 14120393    | 4   | WASHER, FLAT .344X.69X.065   |          |
| 11  | 14309964    | 1   | HANDLE, LOWER                |          |
| 12  | 14307747    | 1   | BAR, DRIVE CONTROL LOOP      |          |
| 13  | 14309815    | 2   | SCREW, #10-24X1.00FILLPHMA   |          |
| 14  | 14308715    | 1   | BRACKET HALF, CHUTE CRANK    |          |
| 15  | 14402609    | 1   | DECAL, ECHO                  | ST-5000  |
| 15  | 14402608    | 1   | DECAL, ECHO                  | ST-5000E |
| 16  | 14325768    | 1   | DECAL, START INSTR 5/21 50:1 |          |
| 17  | 14325050    | 1   | DECAL, CONTROL PANEL         | ST-5000  |
| 17  | 14313296    | 1   | DECAL, CONTROL PANEL         | ST-5000E |
| 18  | 14318494    | 1   | DECAL, CHOKE                 |          |
| 19  | 14337524    | 1   | DECAL, AUGER CONTROL BAR     |          |
| 20  | 14070141    | 1   | DECAL, DANGER AUGER          |          |
| 21  | 14325458    | 1   | DECAL, "ECHO"                |          |
| 22  | 14326162    | 1   | DECAL, DANGER                |          |