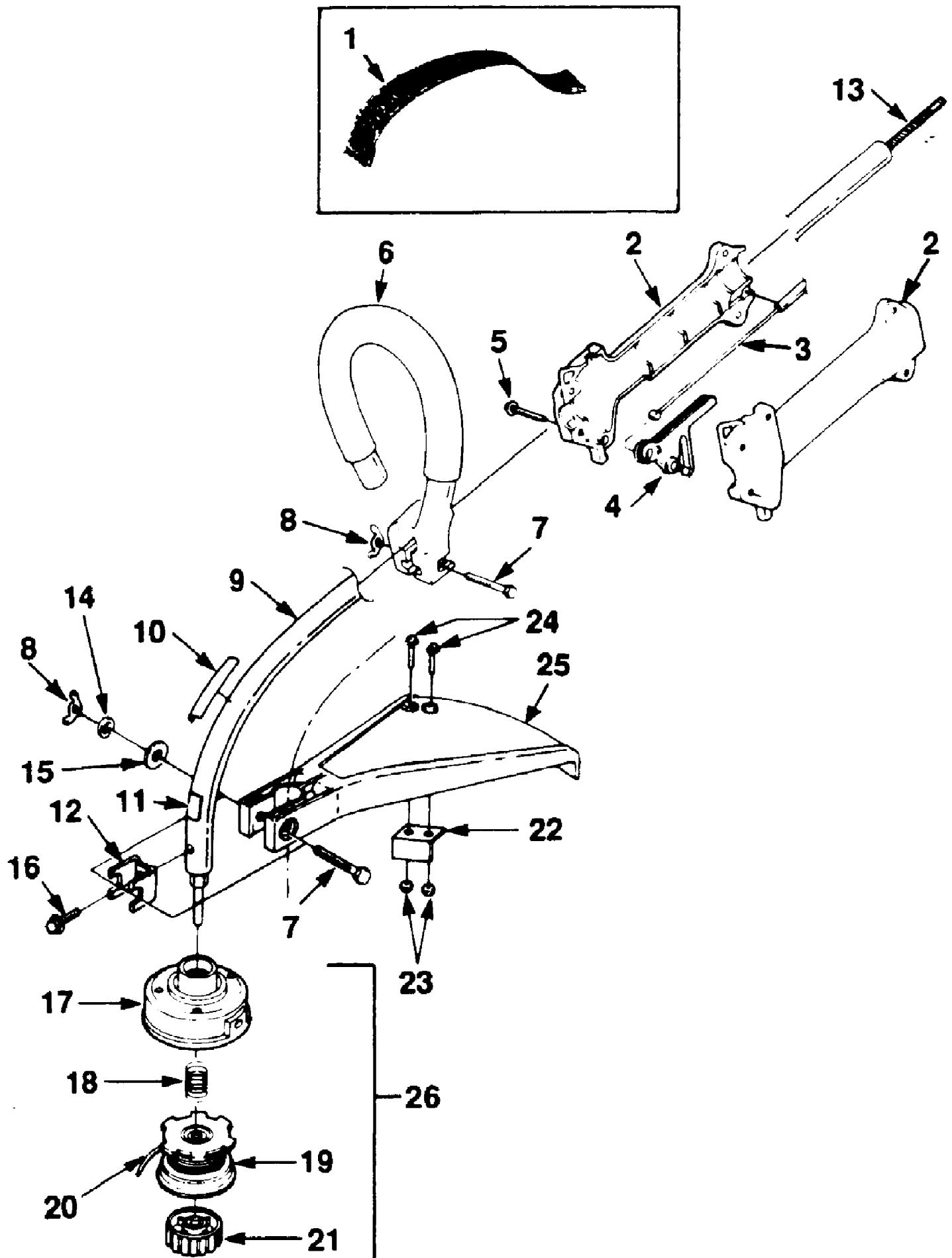


ST175G String Trimmer UT-20590-B  
Boom & Head

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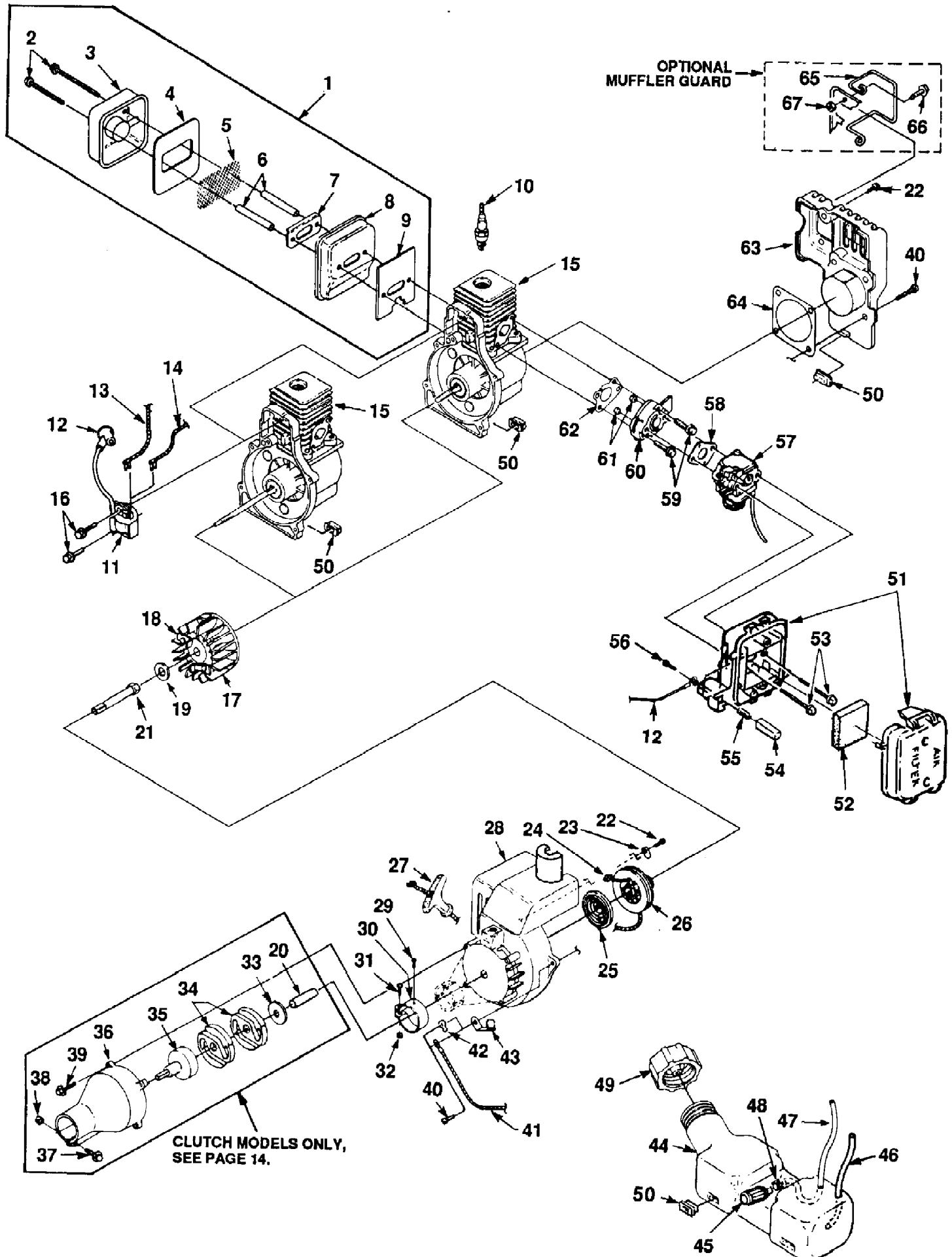
ST175G String Trimmer UT-20590-B  
Boom & Head

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| Ref # | Part Number | Qty | S/P/F | Description                                                            |
|-------|-------------|-----|-------|------------------------------------------------------------------------|
| 1     | DA92703B    | 1   |       | HARNESS w/Connector (GST)                                              |
| 2     | A00101A     | 1   |       | HANDLE GRIP ASSEMBLY                                                   |
| 3     | A03006      | 1   | /P    | CABLE-Throttle                                                         |
| 4     | 98772A      | 1   | S     | TRIGGER                                                                |
| 5     | 82368       | 5   | S     | SCREW-Plastite (#8 X 3/4")                                             |
| 6     | 95110C      | 1   |       | HANDLE Front                                                           |
|       | 98822       | 1   |       | HANDLE- Front(ST-155, HGT, HLT-15, SX-135)                             |
| 7     | 80295       | 2   | /P    | SCREW-Hex Hd. (10-24 X 2")                                             |
| 8     | 93992       | 2   | /P    | NUT-Wing (10-24)                                                       |
| 9     | A04459      | 1   | S     | HOUSING Drive Shaft (Black)                                            |
| 10    | 04458       | 1   | S     | DECAL-Starting Instructions                                            |
| 11    | 04154       | 1   |       | DECAL-Warning                                                          |
| 12    | 98853       | 1   |       | CLAMP                                                                  |
| 13    | 98816       | 1   | S     | SHAFT-Flex                                                             |
| 14    | 83009       | 1   | /P    | WASHER Lock (1/4")                                                     |
| 15    | 84003       | 1   | /P    | WASHER-Flat (1/4")                                                     |
| 16    | 82541       | 1   | /P    | SCREW-(#10 X 1/2")                                                     |
| 17    | A98231A     | 1   | S/P   | HOUSING & EYELET (Dual Line)                                           |
| 18    | 98848       | 1   | S     | SPRING-Compression                                                     |
| 19    | DA98912C    | 1   |       | SPOOL & STRING (ST-155, SX-135, ST-175G, HLT-15, GST-18, HGT)          |
|       | DA02598A    | 1   |       | SPOOL & STRING (HLT-16, HLT-18)                                        |
| 20    | 9801105     | 1   |       | LINE Replacement (.080" Dia. 1 lb. Box)(ST-155,SX-135,ST-175G,HLT-15,G |
|       | 0395903     | 1   | S     | LINE-Replacement (.095" Dia. 1 lb. Box)(HLT-16, HLT-18)                |
| 21    | DA98866A    | 1   | S     | RETAINER Spool (R.H. Thread)                                           |
|       | A01286      | 1   | S     | DEFLECTOR & BLADE KIT (ST-155, SX-135, HLT-15)                         |
| 22    | A03834      | 1   |       | BLADE-Cut-Off (ST-155, SX-135, HLT-15)                                 |
| 23    | 81261       | 2   | /P    | NUT-Hex (10-24)                                                        |
| 24    | 82531       | 2   | /P    | SCREW-Mach. Hex Hd. (10-24 X 7/8")                                     |
| 22    | A03832      | 1   | S     | BLADE Cut-Off (ST-175G, HGT, HLT-16)                                   |
| 23    | 81261       | 2   | /P    | NUT-Hex (10-24)                                                        |
| 24    | 82531       | 2   | /P    | SCREW Mach Hex Hd. (10-24 X 7/8")                                      |
| 25    | 98821       | 1   |       | DEFLECTOR-Grass (ST-155, SX-135, HLT-15, HGT, HLT-16)                  |
|       | 02610       | 1   | S/P   | DEFLECTOR-Grass (ST-175G, GST-18, HLT-18)                              |
| 26    | A03001      | 1   | S     | STRINGHEAD COMPLETE (.080 Line)(ST-155,SX-135,ST-175G,HLT-15,GST-1     |
|       | A04591      | 1   | S     | STRING HEAD COMPLETE (.095 Line) (HLT-16, HLT-18)                      |

ST175G String Trimmer UT-20590-B  
Engine Peripherals

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ST175G String Trimmer UT-20590-B  
Engine Peripherals

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| Ref # | Part Number | Qty | S/P/F | Description                                                            |
|-------|-------------|-----|-------|------------------------------------------------------------------------|
| 1     | A01123      | 1   | S     | MUFFLER- Complete                                                      |
| 2     | 88060       | 2   | S/P   | SCREW- Sems Hex Hd (10-24 X 2 1/2")                                    |
| 3     | A98780      | 1   | S     | COVER- Muffler                                                         |
| 4     | 98782       | 1   | S     | BAFFLE- Muffler                                                        |
| 5     | 98784A      | 1   |       | SCREEN- Spark                                                          |
| 6     | 98860A      | 2   | S     | SPACER- Muffler                                                        |
| 7     | 98783       | 1   | /P    | PLATE- Reinforcing                                                     |
| 8     | A01323      | 1   | S     | BODY- Muffler                                                          |
| 9     | 98786B      | 1   |       | GASKET- Muffler                                                        |
|       | A04446      | 1   | S     | IGNITION KIT                                                           |
| 10    | 96169S      | 1   | S     | SPARK PLUG (DJ7Y)                                                      |
| 11    | 94711CS     | 1   | /P    | MODULE- Ignition                                                       |
| 12    | A33055      | 1   | /P    | TERMINAL- High-Tension                                                 |
| 13    | A00681      | 1   |       | LEAD-Electrical (ST-185BC, GST-BC, ST-285BC, ST-385BC, HBC-18, HBC-30) |
| 14    | A98809      | 1   | S     | LEAD-Electrical (ST-155,SX-135,ST-175G,HLT-15,ST-275,GS                |
| 15    |             | 1   |       | SHORT BLOCK See Short Block diagram for correct Short Block.           |
| 16    | 82540       | 2   | /P    | SCREW- Taptite (8-32 X 1")                                             |
| 17    | A00856      | 1   | S     | ROTOR KIT (ST-185BC, GST-BC                                            |
| 18    | A70285E     | 1   | /P    | KIT- Starter Pawl                                                      |
| 19    | 95479A      | 1   | /P    | WASHER- Flat                                                           |
| 20    | 035662      | 1   | S     | SPACER                                                                 |
| 17    | A00857      | 1   | S     | ROTOR KIT (ST-285BC, ST-385BC, HBC-18, HBC-30)                         |
| 18    | A70285E     | 1   | /P    | KIT- Starter Pawl                                                      |
| 19    | 95479A      | 1   | /P    | WASHER- Flat                                                           |
| 20    | 035661      | 1   | S     | SPACER                                                                 |
| 17    | A04158      | 1   | S     | ROTOR KIT (ST-155, SX-135,ST-175G,HLT-15,ST-275,GST,HGT,HI             |
| 18    | A70285E     | 1   | /P    | KIT- Starter Pawl                                                      |
| 19    | 84065       | 1   | S     | WASHER- Flat (5/16") (ST-155,SX-135,ST-175G,HLT-15,ST-275,HLT          |
| 21    | 98795A      | 1   | /P    | CONNECTOR- Drive (ST-155,SX-135,ST-175G,HLT-15,ST-275,GS               |
|       | A01083A     | 1   | S     | COMPLETE STARTER ASSEMBLY                                              |
| 22    | 82541       | 4   | /P    | SCREW- Plastite (#10 X 1/2")                                           |
| 23    | 98791       | 1   | /P    | BRACKET- Retaining                                                     |
| 24    | 9789902     | 1   | S/P   | ROPE- Starter (42")                                                    |
| 25    | A98773      | 1   |       | SPRING & CONTAINER                                                     |
| 26    | 98770       | 1   |       | PULLEY- Starter                                                        |
| 27    | 02264       | 1   | S     | GRIP- Starter                                                          |
| 28    | A02575C     | 1   | S     | HOUSING- Engine (ST 155,SX-135,ST-175G,HLT-15,ST-275,GST,HC            |
| 28    | A02576C     | 1   | S     | HOUSING-Engine (ST-185BC,GST-BC,ST-285BC,ST-385BC,HB                   |
| 29    | 82522       | 1   |       | SCREW- Pan Hd. (#10 X 3/8")                                            |
| 30    | 98802A      | 1   | S     | CLAMP                                                                  |

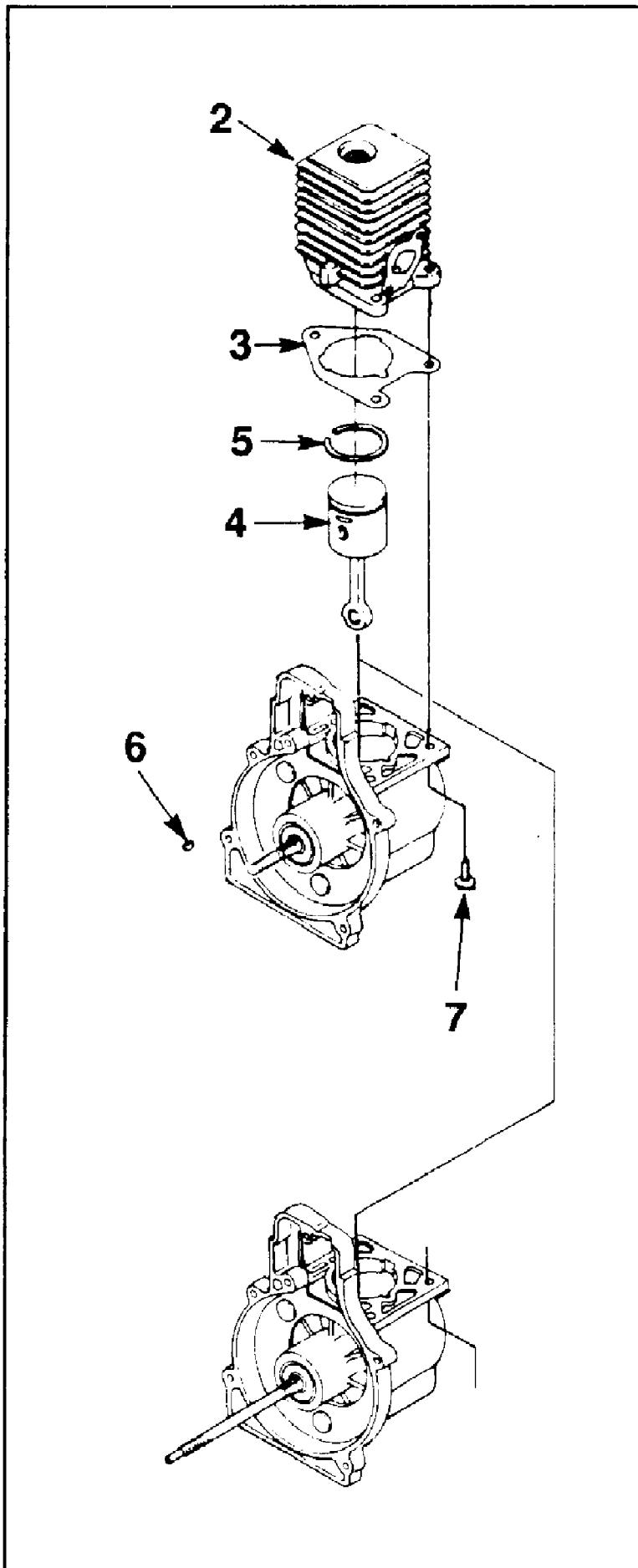
ST175G String Trimmer UT-20590-B  
Engine Peripherals

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| Ref # | Part Number | Qty | S/P/F | Description                                                           |
|-------|-------------|-----|-------|-----------------------------------------------------------------------|
| 31    | 82268       | 1   |       | SCREW- Hex Sems (10-24 X 3/8")                                        |
| 32    | 97574       | 1   |       | NUT- Square                                                           |
| 33    | 98929A      | 1   | S/P   | WASHER- Clutch (ST-185BC, GST-BC, ST-285BC, ST-385BC, HBC-18, HBC-30) |
| 34    | 00242       | 1   | /P    | CLUTCH (ST-185BC, GST-BC) (ST-285BC, ST-385BC, HBC-18, HBC-30)        |
| 35    | A02727      | 1   | S     | CONNECTOR & DRUM (ST-185BC, GST-BC)                                   |
|       | A03485A     | 1   | S     | CONNECTOR & DRUM (ST-285BC, ST-385BC, HBC-18, HBC-30)                 |
| 36    | A02396A     | 1   | /P    | TUBE ADAPTOR (ST-185BC, GST-BC, ST-285BC, ST-385BC, HBC-18, HBC-30)   |
| 37    | 88054       | 1   | S     | SCREW- Sems Hex Hd (10 24 X 1 1/4")                                   |
| 38    | 81208       | 1   | /P    | NUT (10-24)                                                           |
| 39    | 88052       | 4   | /P    | SCREW- Sems Hex Hd (10-24 X 7/8")                                     |
| 40    | 82538       | 7   | /P    | SCREW- Taptite (10-24 X 3/4")                                         |
| 41    | A98919A     | 1   | S     | LEAD- Ground                                                          |
| 42    | 02851       | 1   | /P    | TERMINAL                                                              |
| 43    | A98808      | 1   |       | BRACKET Cable                                                         |
| 44    | A04447      | 1   | S     | TANK- Fuel                                                            |
| 45    | 49422       | 1   | S     | FILTER- Fuel                                                          |
| 46    | 0143932     | 1   | S/P   | TUBING- Rubber (8")                                                   |
| 47    | 9477232     | 1   | S     | TUBING- Rubber (8")                                                   |
| 48    | 98268       | 1   | S/P   | CLAMP- Wire                                                           |
| 49    | A00982A     | 1   |       | FUEL CAP                                                              |
| 50    | 98792       | 3   | /P    | BUMPER- Rubber                                                        |
| 51    | A04449      | 1   | S     | AIR FILTER BOX                                                        |
| 52    | D98760A     | 1   |       | FILTER- Air                                                           |
| 53    | 82542       | 2   | /P    | SCREW (10-24 X 2 1/4")                                                |
| 54    | 98769       | 1   | /P    | BUTTON- Switch                                                        |
| 55    | 95020       | 1   | S     | SPRING- Compression                                                   |
| 56    | 93923       | 1   | S     | SCREW- Plastite (#6)                                                  |
| 57    | A04445      | 1   | S     | CARBURETOR KIT                                                        |
| 58    | 98766A      | 1   | S/P   | GASKET Carburetor                                                     |
| 59    | 825491      | 2   | S     | SCREW- Taptite (10-24 X 1")                                           |
| 60    | 98768       | 1   | S     | HEAT DAM                                                              |
| 61    | 81208       | 2   | /P    | NUT (10-24)                                                           |
| 62    | 98765B      | 1   | /P    | GASKET- Heat Dam                                                      |
| 63    | A00858      | 1   | /P    | CRANKCASE COVER                                                       |
| 64    | 98767A      | 1   | /P    | GASKET- Crankcase Cover                                               |
| 65    | A00254      | 1   | S     | WIRE GUARD KIT                                                        |
| 66    | 88049       | 2   | /P    | SCREW- Hex Sems (10-24 X 1/2")                                        |
| 67    | 81208       | 2   | /P    | NUT (10-24)                                                           |

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Short Block

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Short Block

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| Ref # | Part Number | Qty | S/P/F | Description                                          |
|-------|-------------|-----|-------|------------------------------------------------------|
| 1     | A04742      | 1   | S     | SHORT BLOCK (25 CC Non-Clutch)                       |
|       | A04743      | 1   | S     | SHORT BLOCK (25 CC w/Clutch)                         |
|       | A00412      | 1   |       | SHORT BLOCK (30 CC Non-Clutch)                       |
|       | A00411      | 1   |       | SHORT BLOCK (30 CC w/Clutch)                         |
| 2     | A03259      | 1   | S     | CYLINDER & GASKET (25 CC Non-Clutch)                 |
|       | A03259      | 1   | S     | CYLINDER & GASKET (25 CC w/Clutch)                   |
|       | A03785A     | 1   | S     | CYLINDER & GASKET (30 CC Non-Clutch)                 |
|       | A03785A     | 1   | S     | CYLINDER & GASKET (30 CC w/Clutch)                   |
| 3     | 04388       | 1   | S     | GASKET-Cylinder (25 CC Non-Clutch)                   |
|       | 04388       | 1   | S     | GASKET-Cylinder (25 CC w/Clutch)                     |
|       | 03703A      | 1   | S     | GASKET-Cylinder (30 CC Non-Clutch)                   |
|       | 03703A      | 1   | S     | GASKET-Cylinder (30 CC w/Clutch)                     |
| 4     | A04258      | 1   | S     | PISTON & ROD (25 CC Non-Clutch)                      |
|       | A04258      | 1   | S     | PISTON & ROD (25 CC w/Clutch)                        |
|       | A03705      | 1   |       | PISTON & ROD (30 CC Non-Clutch)                      |
|       | A03705      | 1   |       | PISTON & ROD (30 CC w/Clutch)                        |
| 5     | 96935       | 1   | S     | RING-Piston (25 CC Non-Clutch)                       |
|       | 96935       | 1   | S     | RING-Piston (25 CC w/Clutch)                         |
|       | 03179       | 2   | /P    | RING-Piston (30 CC Non-Clutch)                       |
|       | 03179       | 2   | /P    | RING-Piston (30 CC w/Clutch)                         |
| 6     | 69250       | 1   | /P    | KEY-Woodruff (25 CC Non-Clutch)                      |
|       | 69250       | 1   | /P    | KEY-Woodruff (25 CC w/Clutch)                        |
|       | 69250       | 1   | /P    | KEY-Woodruff (30 CC Non-Clutch)                      |
|       | 69250       | 1   | /P    | KEY-Woodruff (30 CC w/Clutch)                        |
| 7     | 82568       | 3   | S     | SCREW-Torx Pan Hd. (10-24 X 3/4") (25 CC Non-Clutch) |
|       | 82568       | 3   | S     | SCREW-Torx Pan Hd. (10-24 X 3/4") (25 CC w/Clutch)   |
|       | 82569       | 3   | S     | SCREW-Torx Pan Hd. (10-24 X 3/4") (30 CC Non-Clutch) |
|       | 82569       | 3   | S     | SCREW-Torx Pan Hd. (10-24 X 3/4") (30 CC w/Clutch)   |

## ACCESSORIES

**SAW BLADE.....D-98935-A**

(ST-185BC, GST-BC, ST-285BC,  
ST-385BC, HBC-18, HBC-30)

**GREASE, MULTI-PURPOSE....18453**

**MACHETE BLADE.....DA-00714-A**

(ST-185BC, GST-BC, ST-285BC,  
ST-385BC, HBC-18, HBC-30)

**THREAD LOCKING COMPOUND..23488-C**

**MODULE AIR GAP SHIM.....24306**

**GRASS ANTI WRAP KIT....A-04191**

(ST-155, SX-135, ST-175G, HLT-15,  
GST, HGT, HLT-16, HLT-18)

**IGNITION TEST SPARK PLUG..JA-31316-4**

**RUBBER TUBING (10 ft.)....94772-99**

**STARTER ROPE (250 ft. Reel)..98052-A**

**REPLACEMENT STRING (3 lb. Box)..98011-06**  
(.080" Dia.)

**REPLACEMENT STRING (3 lb Box)..03959-04**  
(.095" Dia.)

**TORX BIT (T25).....24982-03**  
(for clutch drums)

**TORX BIT (T27).....18566-01**

**STRINGHEAD- Complete.....A-03001**  
(.080 Line) (Right Hand Thread) (Black  
Retainer) (ST-155, SX-135, ST-175G, HLT-15,  
GST-18, HGT, ST-185BC, ST-275, ST-285BC,  
GST-BC).

**STRINGHEAD- Complete.....A-03174**  
(.095 Line) (Left Hand Thread) (Red Retainer)  
(HLT-28, ST-385BC, HBC-30)

**STRINGHEAD- Complete.....A-04591**  
(.095 Line) (Right Hand Thread) (Black  
Retainer) (HLT-16, HLT-18, HBC-18)

**STRINGHEAD- Complete.....A-04592**  
(.080 Line) (Left Hand Thread) (Red Retainer)  
(ST-275, ST-285BC, GST-BC)

## CLUTCH MODELS

ST-185BC  
ST-285BC  
ST-385BC  
GST-BC  
HBC-18  
HBC-30

## NON-CLUTCH MODELS

|         |        |
|---------|--------|
| ST-155  | HGT    |
| SX-135  | HLT-15 |
| ST-175G | HLT-16 |
| ST-275  | HLT-18 |
| GST     | HLT-28 |



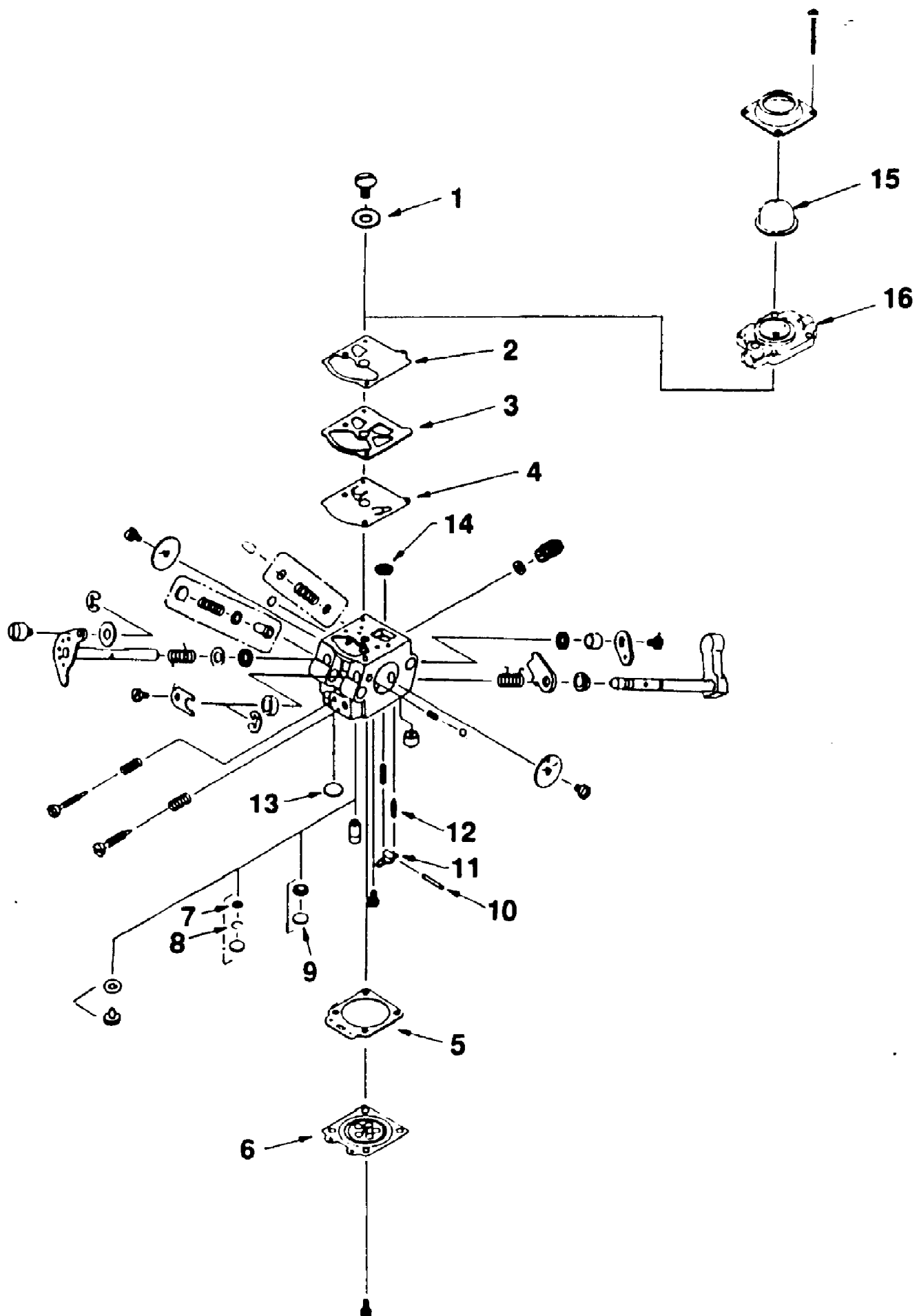
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Tools & Accessories

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| Ref #      | Part Number | Qty | S/P/F | Description                                                           |
|------------|-------------|-----|-------|-----------------------------------------------------------------------|
| D-98935-A  | D98935A     | 1   |       | SAW BLADE (ST-185BC, GST-BC, ST-285BC, ST-385BC, HBC-18, HBC-30)      |
| 18453      | 18453       | 1   | /P    | GREASE, MULTI-PURPOSE                                                 |
| DA-00714-A | DA00714A    | 1   |       | MACHETE BLADE<br>(ST-185BC,GST-BC,ST-285BC,ST-385BC,HB                |
| 23488C     | 23488C      | 1   |       | THREAD LOCKING COMPOUND                                               |
| 24306      | 24306       | 1   | S     | MODULE AIR GAP SHIM                                                   |
| A-04191    | A04191      | 1   |       | GRASS ANTI WRAP KIT<br>(ST-155,SX-135,ST-175G,HLT-15,GST,HGT,H        |
| JA313164   | JA313164    | 1   |       | IGNITION TEST SPARK PLUG                                              |
| 9477299    | 9477299     | 1   | /P    | RUBBER TUBING (10 ft.)                                                |
| 98052-A    | 98052A      | 1   | /P    | STARTER ROPE (250 ft. Reel)                                           |
| 98011-06   | 9801106     | 1   |       | REPLACEMENT STRING (3 lb. Box) (.080" Dia.)                           |
| 03959-04   | 0395904     | 1   |       | REPLACEMENT STRING (3 lb. Box) (.095" Dia.)                           |
| 24982-03   | 2498203     | 1   | S     | TORX BIT (T25) (for clutch drums)                                     |
| 18566-01   | 1856601     | 1   | /P    | TORX BIT (T27)                                                        |
| A-03001    | A03001      | 1   | S     | STRINGHEAD-Complete (.080 Line)(Right Hand Thread)(Black Retainer)(ST |
| A-03174    | A03174      | 1   |       | STRINGHEAD-Complete (.095 Line)(Left Hand Thread)(Red Retainer)(HLT-2 |
| A-04591    | A04591      | 1   | S     | STRINGHEAD-Complete (.095 Line)(Right Hand Thread)(Black Retainer)(HL |
| A-04592    | A04592      | 1   | S     | STRINGHEAD-Complete (.080 Line)(Left Hand Thread)(Red Retainer)(ST-27 |

ST175G String Trimmer UT-20590-B  
Walbro Carburetor

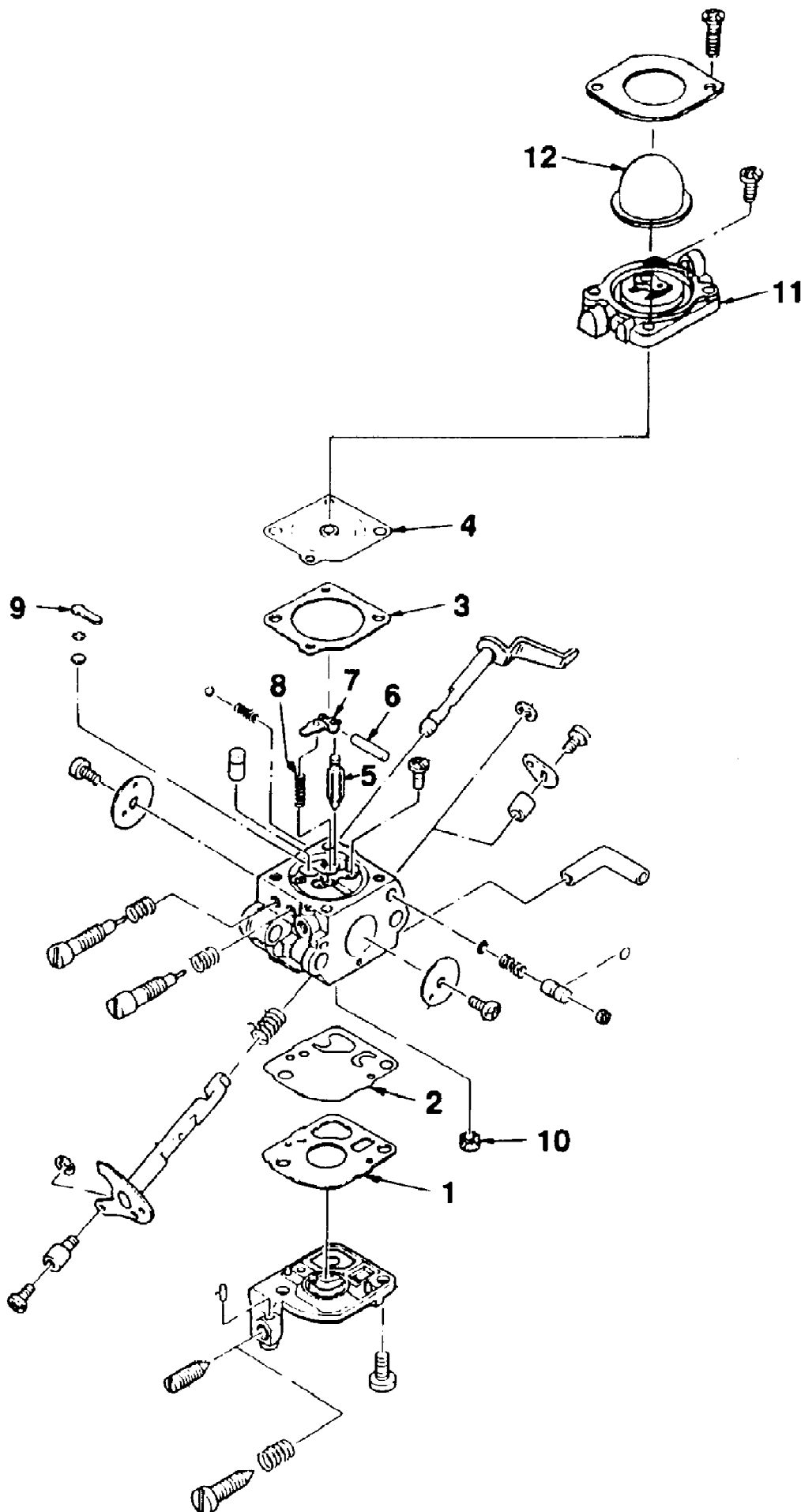
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Walbro Carburetor

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| Ref # | Part Number | Qty | S/P/F | Description          |
|-------|-------------|-----|-------|----------------------|
| 1     | A02665      | 1   |       | Repair Kit           |
| 2     | A02665      | 1   |       | Repair Kit           |
|       | A00285A     | 1   |       | Gasket/Diaphragm Kit |
| 3     | A02665      | 1   |       | Repair Kit           |
|       | A00285A     | 1   |       | Gasket/Diaphragm Kit |
| 4     | A02665      | 1   |       | Repair Kit           |
|       | A00285A     | 1   |       | Gasket/Diaphragm Kit |
| 5     | A02665      | 1   |       | Repair Kit           |
|       | A00285A     | 1   |       | Gasket/Diaphragm Kit |
| 6     | A02665      | 1   |       | Repair Kit           |
|       | A00285A     | 1   |       | Gasket/Diaphragm Kit |
| 7     | A02665      | 1   |       | Repair Kit           |
| 8     | A02665      | 1   |       | Repair Kit           |
| 9     | A02665      | 1   |       | Repair Kit           |
| 10    | A02665      | 1   |       | Repair Kit           |
| 11    | A02665      | 1   |       | Repair Kit           |
| 12    | A02665      | 1   |       | Repair Kit           |
| 13    | A02665      | 1   |       | Repair Kit           |
| 14    | A02665      | 1   |       | Repair Kit           |
| 15    | 01201       | 1   | S     | Primer Bulb          |
| 16    | A01200A     | 1   |       | Primer Base          |
|       | 03176       | 1   |       | Choke Shaft & Lever  |



ST175G String Trimmer UT-20590-B  
Zama Carburetor

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| Ref # | Part Number | Qty | S/P/F | Description          |
|-------|-------------|-----|-------|----------------------|
| 1     | A03979      | 1   |       | Repair Kit           |
|       | A03980      | 1   |       | Gasket/Diaphragm Kit |
| 2     | A03979      | 1   |       | Repair Kit           |
|       | A03980      | 1   |       | Gasket/Diaphragm Kit |
| 3     | A03979      | 1   |       | Repair Kit           |
|       | A03980      | 1   |       | Gasket/Diaphragm Kit |
| 4     | A03979      | 1   |       | Repair Kit           |
|       | A03980      | 1   |       | Gasket/Diaphragm Kit |
| 5     | A03979      | 1   |       | Repair Kit           |
| 6     | A03979      | 1   |       | Repair Kit           |
| 7     | A03979      | 1   |       | Repair Kit           |
| 8     | A03979      | 1   |       | Repair Kit           |
| 9     | A03979      | 1   |       | Repair Kit           |
| 10    | A03979      | 1   |       | Repair Kit           |
| 11    | A03062      | 1   |       | Primer Base          |
| 12    | A01195A     | 1   | S     | Primer Bulb          |
|       |             | 1   |       | Choke Shaft & Lever  |