

# Homelite®

## PARTS LIST

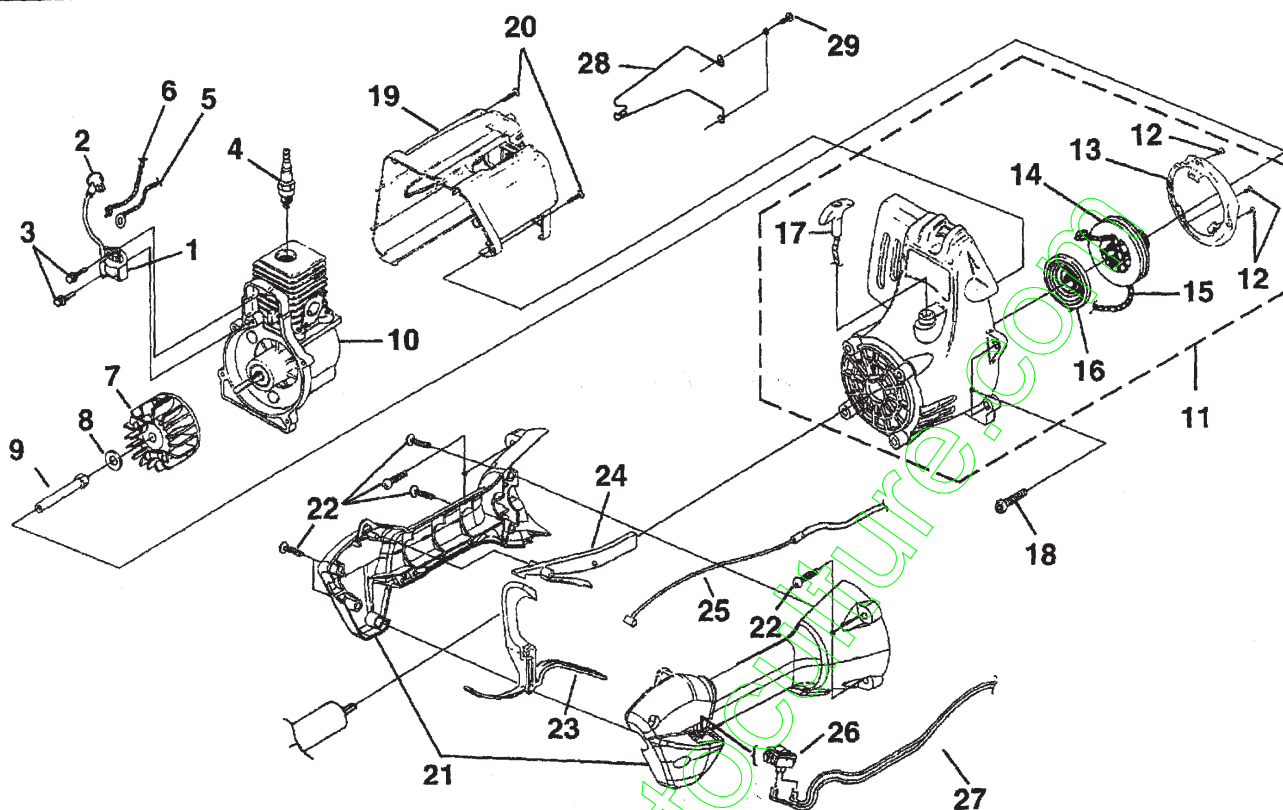
|                     |                   |
|---------------------|-------------------|
| <b>ST155i</b>       | <b>UT20685, A</b> |
| <b>ST155v</b>       | <b>UT20685B</b>   |
| <b>ST155v</b>       | <b>UT20708</b>    |
| <b>ST155i (CKD)</b> | <b>UT20687, A</b> |
| <b>ST155v (CKD)</b> | <b>UT20732</b>    |

## STRING TRIMMER

P/N PS01581

All Models

## IGNITION - ROTOR - STARTER



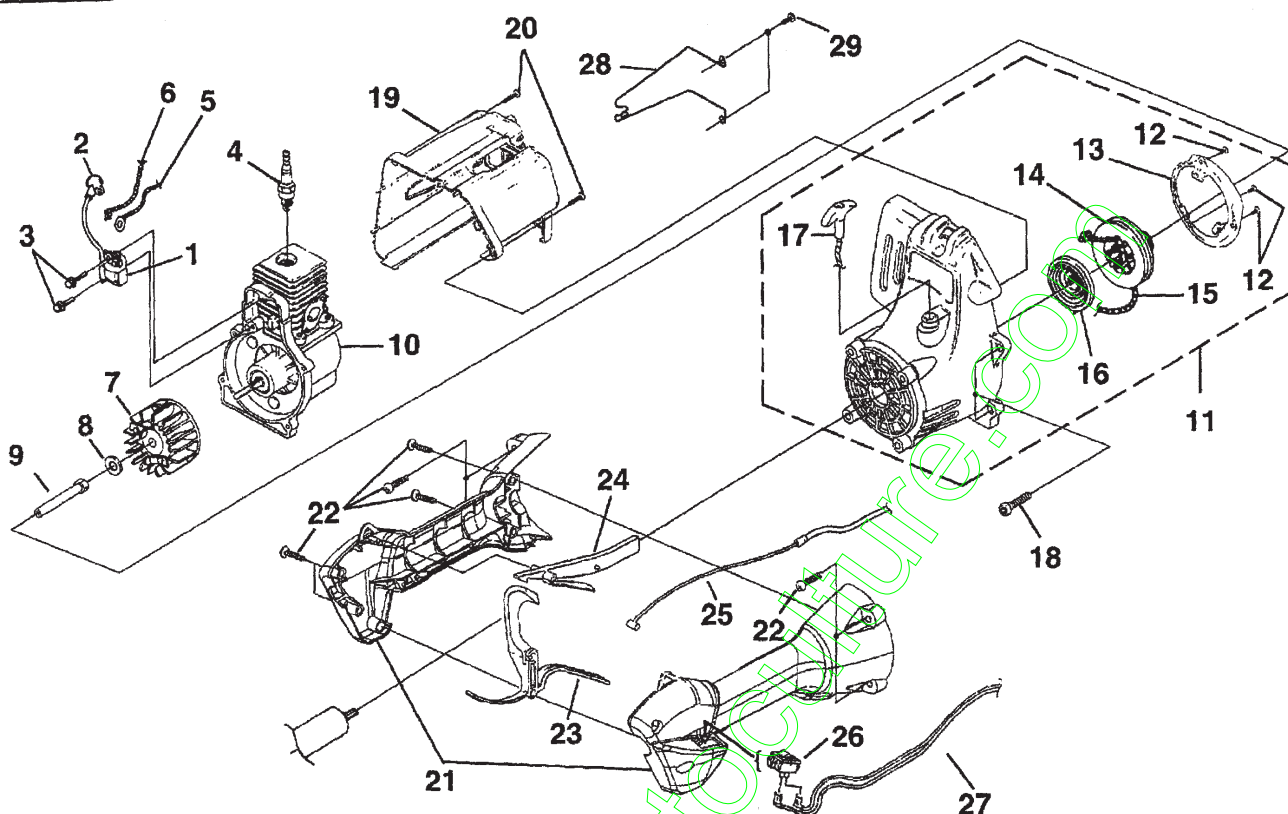
| No. | Part No.  | Description                         | Qty. |
|-----|-----------|-------------------------------------|------|
| 1   | 94711 CS  | MODULE-Ignition                     | 1    |
| 2   | A 33055   | TERMINAL & COVER                    | 1    |
| 3   | 82540     | SCREW-Taptite (8-32 X 1")           | 2    |
| 4   | 79252     | SPARK PLUG - Resistor               | 1    |
| 5   | A 06964   | LEAD-Ground                         | 1    |
| 6   | A 06963   | LEAD-Electrical                     | 1    |
| 7   | A 04158 S | ROTOR KIT                           | 1    |
| 8   | 95479 A   | WASHER-Flat                         | 1    |
| 9   | 98795 A   | CONNECTOR-Drive                     | 1    |
| 10  | UP 00746  | SHORT BLOCK (See Engine Internal)   | 1    |
| 11  | UP 00014  | COMPLETE STARTER ASSEMBLY           | 1    |
| 12  | 82546     | SCREW-Taptite (8-16 X 1/2")         | 3    |
| 13  | UP 03013  | BAFFLE-Air                          | 1    |
| 14  | 98770 A   | PULLEY-Starter                      | 1    |
| 15  | 97899 02  | ROPE-Starter (42")                  | 1    |
| 16  | A 98773 A | SPRING & CONTAINER                  | 1    |
| 17  | PS 00179  | GRIP-Starter                        | 1    |
| 18  | 82538     | SCREW-Taptite (10-24 X 3/4")        | 4    |
| 19  | UP 00023  | HOUSING-Rear Kit                    | 1    |
| 20  | 82537     | SCREW-Taptite (10-14 X 7/8")        | 2    |
| 21  | UP 00024  | CONTROL HANDLE ASSY.                | 1    |
| 22  | 82537     | SCREW-Taptite (10-14 X 7/8")        | 8    |
| 23  | 09219     | TRIGGER-Throttle                    | 1    |
| 24  | 09220     | INTERLOCK-Throttle                  | 1    |
| 25  | 09285     | CABLE-Throttle                      | 1    |
| 26  | 09375     | SWITCH                              | 1    |
| 27  | A 09367   | LEAD-Electrical                     | 1    |
| 28  | PS 00218  | GUARD-Muffler                       | 1    |
| 29  | 82541     | SCREW-Thread Forming (10-14 X 1/2") | 2    |

| Item No. | Torque Specs |           | Required Loctite |
|----------|--------------|-----------|------------------|
|          | In/Lbs       | Nm        |                  |
| 3        | 30-40        | 3.4-4.5   | Blue 242         |
| 4        | 120-180      | 13.6-20.3 |                  |
| 9        | 100-150      | 11.3-16.9 |                  |
| 12       | 10-20        | 1.1-2.3   |                  |
| 18       | 30-40        | 3.4-4.5   |                  |
| 22       | 30-50        | 3.4-5.6   |                  |
| 29       | 5-20         | .6-2.3    |                  |

| Warranty Flat Rate |                         |          |
|--------------------|-------------------------|----------|
| Job                | Description             | Time/Hr. |
| FA11               | Ignition Mod.           | .3       |
| FA12               | Ground Lead             | .3       |
| FA17               | Ignition Switch Leads   | .4       |
| FG10               | Starter Assy.           | .6       |
| FD12               | Engine Housing, Rear    | .6       |
| FF13               | Trigger, Throttle cable | .3       |
| FC12               | Clutch Assy.            | .4       |

All Models

## IGNITION - ROTOR - STARTER



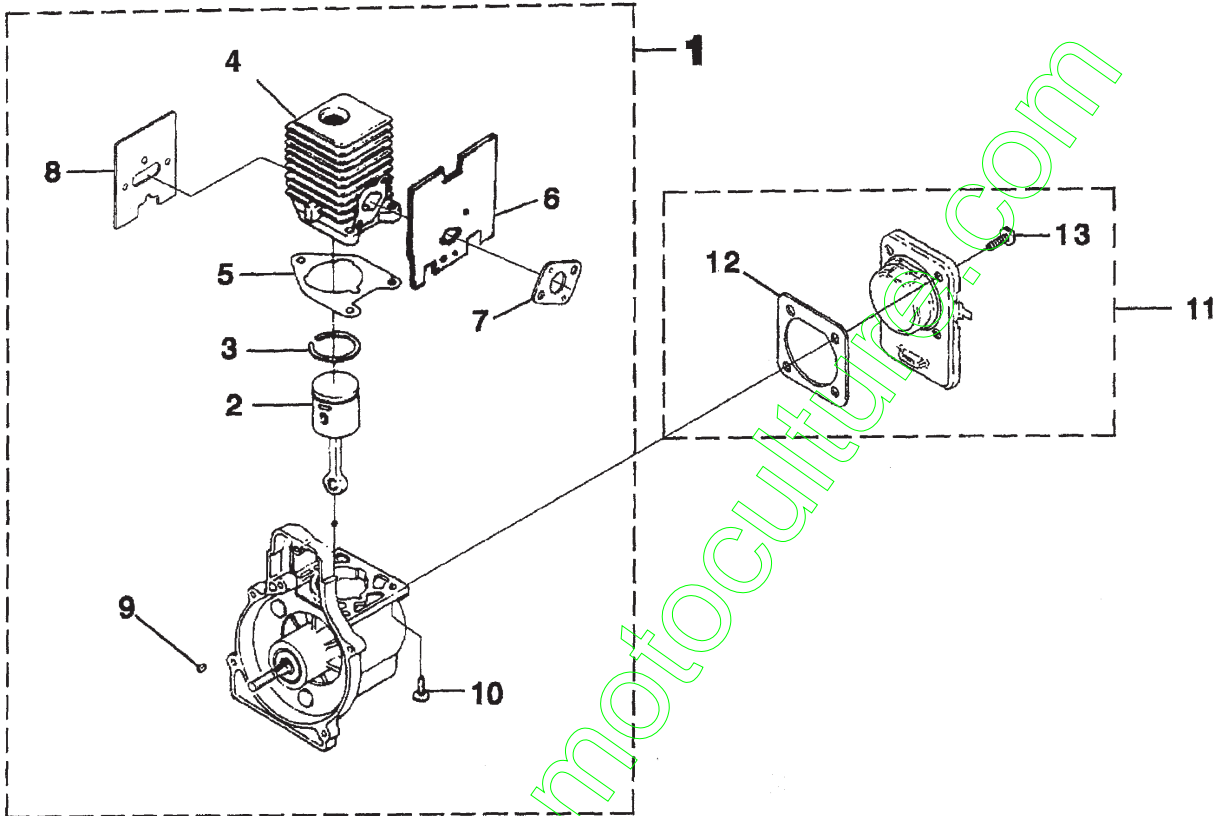
| No. | Part No.  | Description                         | Qty. |
|-----|-----------|-------------------------------------|------|
| 1   | 94711 CS  | MODULE-Ignition                     | 1    |
| 2   | A 33055   | TERMINAL & COVER                    | 1    |
| 3   | 82540     | SCREW-Taptite (8-32 X 1")           | 2    |
| 4   | 79252     | SPARK PLUG - Resistor               | 1    |
| 5   | A 06964   | LEAD-Ground                         | 1    |
| 6   | A 06963   | LEAD-Electrical                     | 1    |
| 7   | A 04158 S | ROTOR KIT                           | 1    |
| 8   | 95479 A   | WASHER-Flat                         | 1    |
| 9   | 98795 A   | CONNECTOR-Drive                     | 1    |
| 10  | UP 00746  | SHORT BLOCK (See Engine Internal)   | 1    |
| 11  | UP 00014  | COMPLETE STARTER ASSEMBLY           | 1    |
| 12  | 82546     | SCREW-Taptite (8-16 X 1/2")         | 3    |
| 13  | UP 03013  | BAFFLE-Air                          | 1    |
| 14  | 98770 A   | PULLEY-Starter                      | 1    |
| 15  | 97899 02  | ROPE-Starter (42")                  | 1    |
| 16  | A 98773 A | SPRING & CONTAINER                  | 1    |
| 17  | PS 00179  | GRIP-Starter                        | 1    |
| 18  | 82538     | SCREW-Taptite (10-24 X 3/4")        | 4    |
| 19  | UP 00023  | HOUSING-Rear Kit                    | 1    |
| 20  | 82537     | SCREW-Taptite (10-14 X 7/8")        | 2    |
| 21  | UP 00024  | CONTROL HANDLE ASSY.                | 1    |
| 22  | 82537     | SCREW-Taptite (10-14 X 7/8")        | 8    |
| 23  | 09219     | TRIGGER-Throttle                    | 1    |
| 24  | 09220     | INTERLOCK-Throttle                  | 1    |
| 25  | 09285     | CABLE-Throttle                      | 1    |
| 26  | 09375     | SWITCH                              | 1    |
| 27  | A 09367   | LEAD-Electrical                     | 1    |
| 28  | PS 00218  | GUARD-Muffler                       | 1    |
| 29  | 82541     | SCREW-Thread Forming (10-14 X 1/2") | 2    |

| Item No. | Torque Specs |           | Required Loctite |
|----------|--------------|-----------|------------------|
|          | In/Lbs       | Nm        |                  |
| 3        | 30-40        | 3.4-4.5   | Blue 242         |
| 4        | 120-180      | 13.6-20.3 |                  |
| 9        | 100-150      | 11.3-16.9 |                  |
| 12       | 10-20        | 1.1-2.3   |                  |
| 18       | 30-40        | 3.4-4.5   |                  |
| 22       | 30-50        | 3.4-5.6   |                  |
| 29       | 5-20         | .6-2.3    |                  |

| Warranty Flat Rate |                         |          |
|--------------------|-------------------------|----------|
| Job                | Description             | Time/Hr. |
| FA11               | Ignition Mod.           | .3       |
| FA12               | Ground Lead             | .3       |
| FA17               | Ignition Switch Leads   | .4       |
| FG10               | Starter Assy.           | .6       |
| FD12               | Engine Housing, Rear    | .6       |
| FF13               | Trigger, Throttle cable | .3       |
| FC12               | Clutch Assy.            | .4       |

All Models

## ENGINE INTERNAL

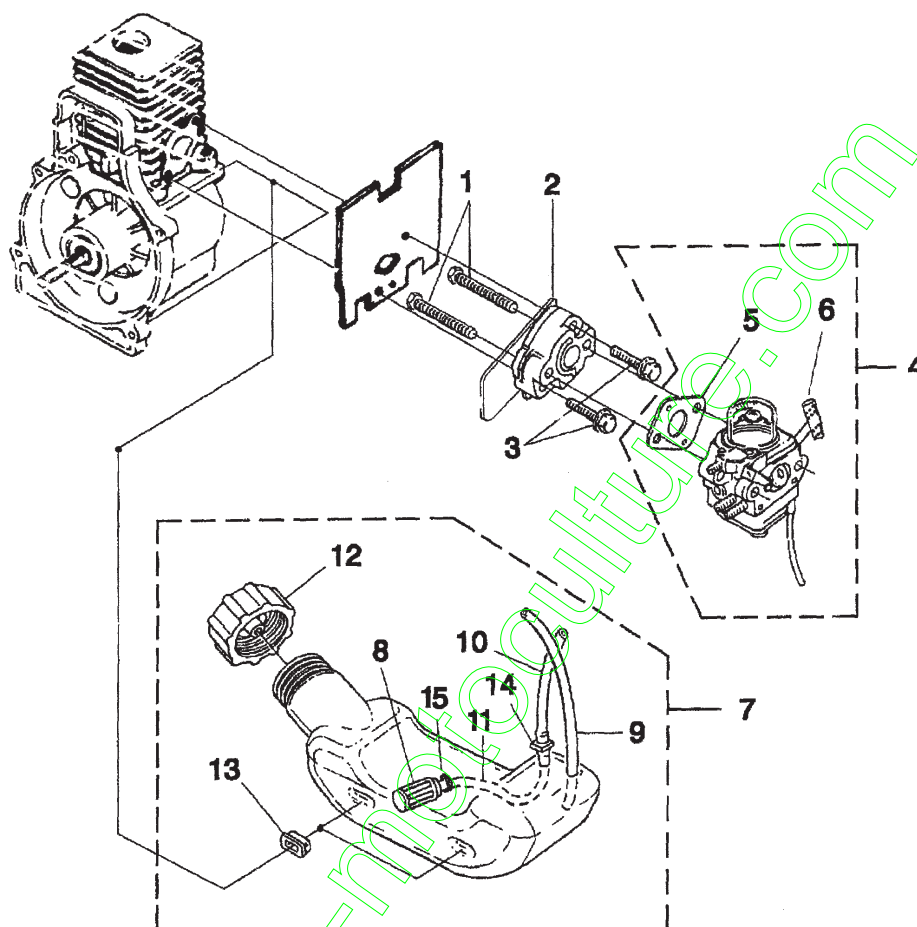


| No. | Part No.  | Description                 | Qty. |
|-----|-----------|-----------------------------|------|
| 1   | ●UP 00746 | SHORT BLOCK                 | 1    |
| 2   | ●UP 00768 | PISTON & ROD ASSEMBLY       | 1    |
| 3   | PS 01359  | RING-Piston                 | 1    |
| 4   | ●UP 07145 | CYLINDER ASSY.              | 1    |
| 5   | 04388 B   | GASKET-Cylinder             | 1    |
| 6   | 06900 A   | GASKET-Heat Dam             | 1    |
| 7   | 98766 A   | GASKET-Carburetor           | 1    |
| 8   | 09343     | GASKET-Muffler              | 1    |
| 9   | 69250     | KEY-Woodruff                | 1    |
| 10  | 88084 1   | SCREW-Sems (12-24 X 3/4")   | 3    |
| 11  | ●UP 00019 | CRANKCASE COVER ASSEMBLY    | 1    |
| 12  | 08661     | GASKET-Crankcase Cover *    | 1    |
| 13  | PS 01565  | SCREW-Sems (10-24 X 1/2") * | 4    |

\* Also included in Short block assembly

| Torque Specs |        |         |                  |
|--------------|--------|---------|------------------|
| Item No.     | In/Lbs | Nm      | Required Loctite |
| 10           | 55-65  | 6.2-7.3 | Red 262          |
| 13           | 35-45  | 4.0-5.1 | Red 262          |

| Warranty Flat Rate |                 |          |
|--------------------|-----------------|----------|
| Job                | Description     | Time/Hr. |
| FB10               | Partial Rebuild | 1.0      |
| FB20               | Short Block     | 1.0      |
| FD25               | Crankcase Cover | .3       |

**CARBURETOR - FUEL TANK**

| No. | Part No.  | Description                    | Qty. |
|-----|-----------|--------------------------------|------|
| 1   | 04474     | SCREW-Machine (10-24 X 2 1/4") | 2    |
| 2   | 98768 A   | HEAT DAM                       | 1    |
| 3   | 09322 1   | SCREW-Sems (10-24 X 1") *      | 2    |
| 4   | • UP00608 | CARBURETOR KIT                 | 1    |
| 5   | 98766 A   | GASKET-Carburetor              | 1    |
| 6   | PS 00236  | LEVER-Choke (Zama)             | 1    |
| 7   | • UP00020 | FUEL TANK ASSY.                | 1    |
| 8   | 49422     | FILTER-Fuel                    | 1    |
| 9   | 01439 15  | TUBING-Rubber                  | 1    |
| 10  | 01439 10  | TUBING-Rubber                  | 1    |
| 11  | 94772 13  | TUBING-Rubber                  | 1    |
| 12  | UP00106   | FUEL CAP                       | 1    |
| 13  | 98792     | BUMPER-Rubber                  | 3    |
| 14  | 02067     | FITTING-Inline                 | 1    |
| 15  | 98268     | CLAMP                          | 1    |

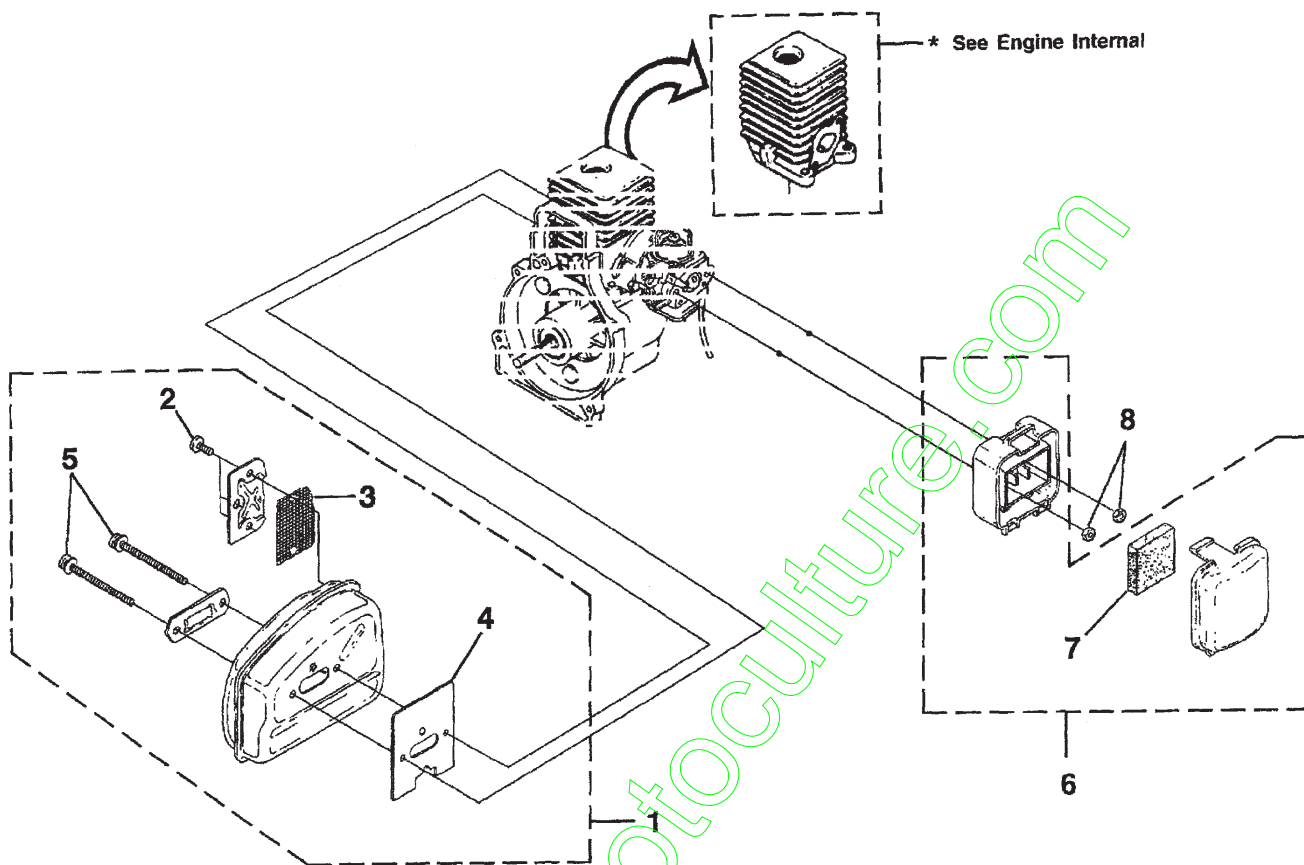
\* Also included in Short block assembly

| Item No. | Torque Specs |         | Required Loctite |
|----------|--------------|---------|------------------|
|          | In/Lbs       | Nm      |                  |
| 3        | 35-45        | 4.0-5.1 | Red 262          |

| Warranty Flat Rate |                  |          |
|--------------------|------------------|----------|
| Job                | Description      | Time/Hr. |
| FF17               | Manifold         | .3       |
| FF10               | Carburetor Rep.  | .3       |
| FF16               | Fuel Tank        | .3       |
| FF12               | Fuel/Return Line | .3       |

All Models

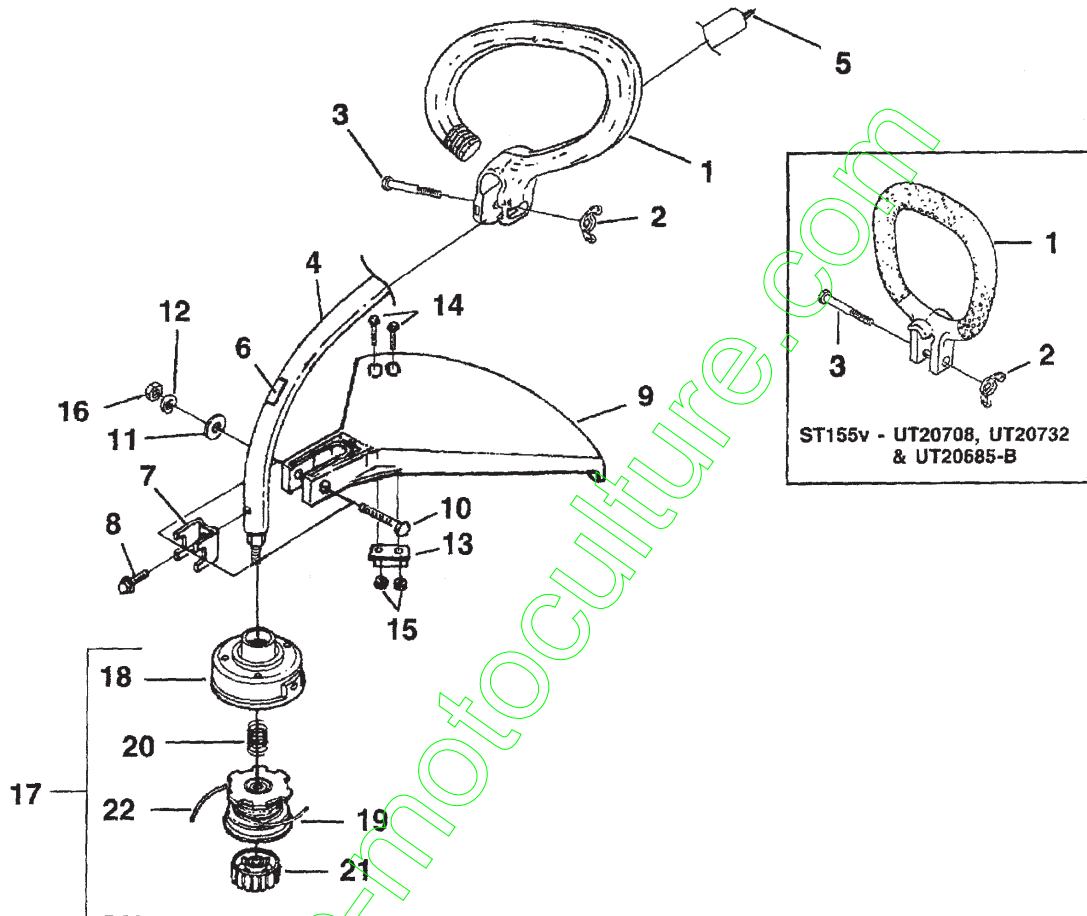
## MUFFLER - AIR CLEANER



| No. | Part No.    | Description                        | Qty. |
|-----|-------------|------------------------------------|------|
| 1   | • A 07142 A | MUFFLER ASSY.                      | 1    |
| 2   | 82600       | SCREW, Taptite- (8-32 X 3/8")      | 3    |
| 3   | 06502       | SCREEN-Spark                       | 1    |
| 4   | 09343       | GASKET-Muffler                     | 1    |
| 5   | 82600       | SCREW, Truss Hd. - (10-24 X 2.188) | 2    |
| 6   | • UP00022   | AIR FILTER KIT                     | 1    |
| 7   | 98760       | FILTER-AIR                         | 1    |
| 8   | 81208       | NUT-Hex (10-24)                    | 2    |

| Torque Specs |        |         |                  |
|--------------|--------|---------|------------------|
| Item No.     | In/Lbs | Nm      | Required Loctite |
| 2            | 25-35  | 2.8-4.0 |                  |
| 5            | 50-60  | 5.6-6.8 |                  |
| 8            | 30-40  | 3.4-4.5 |                  |

| Warranty Flat Rate |                  |          |
|--------------------|------------------|----------|
| Job                | Description      | Time/Hr. |
| FB18               | Muffler-Replace  | .3       |
| FF42               | Air Filter Assy. | .2       |

**SHAFT - SPOOL & STRING - GRASS DEFLECTOR**

| No. | Part No.     | Description                                     | Qty. |
|-----|--------------|-------------------------------------------------|------|
| 1   | • A 07136    | HANDLE ASSY-Front                               | 1    |
|     | • UP 03010   | HANDLE ASSY-Front (UT20708, UT20732 & UT20685B) | 1    |
| 2   | 93992        | NUT-Wing, Washer Faced (1/4-20)                 | 1    |
| 3   | 80295        | SCREW-Cap Hex Hd.                               | 1    |
| 4   | • UP 00224   | DRIVESHAFT HOUSING ASSY.                        | 1    |
| 5   | UP 03031     | SHAFT-Flexible                                  | 1    |
| 6   | 02985        | DECAL-Warning                                   | 1    |
| 7   | 07928        | CLAMP                                           | 1    |
| 8   | 88077        | SCREW-Sems Hex Hd. (#10-24 X 3/8")              | 1    |
| 9   | • A 04704    | DEFLECTOR & BLADE KIT (100 Deg.)                | 1    |
| 10  | 80295        | SCREW-Cap Hex Hd. (10-24 X 2")                  | 1    |
| 11  | 84006        | WASHER-Flat (1/4")                              | 1    |
| 12  | 83009        | WASHER-Lock (1/4")                              | 1    |
| 13  | • A 03832    | BLADE-Cut-Off                                   | 1    |
| 14  | 82531        | SCREW-Mech. Hex Hd. (10-24 X 7/8")              | 2    |
| 15  | 81208        | NUT-Hex (10-24)                                 | 2    |
| 16  | 81242        | NUT-Hex                                         | 1    |
| 17  | • DA 03001 A | STRINGHEAD-Complete                             | 1    |
| 18  | A 98231 A    | HOUSING & EYELET (Dual Line)                    | 1    |
| 19  | • UP 00145   | SPOOL & STRING (.080" Line)                     | 1    |
| 20  | 06713        | SPRING-Compression                              | 1    |
| 21  | DA 98866 A   | RETAINER-Spool (R.H. Thread, Black)             | 1    |
| 22  | D 06510      | STRING - (.080) (195 ft.)                       | 1    |

| Torque Specs |        |         |                  |
|--------------|--------|---------|------------------|
| Item No.     | In/Lbs | Nm      | Required Loctite |
| 2            | 5-25   | .6-2.8  |                  |
| 8            | 15-25  | 1.7-2.8 |                  |
| 14           | 5-25   | .6-2.8  |                  |
| 15           | 30-40  | 3.4-4.5 |                  |

| Warranty Flat Rate |                     |          |
|--------------------|---------------------|----------|
| Job                | Description         | Time/Hr. |
| FM10               | .. Stringhead Assy. | .2       |
| FN12               | ... Driveshaft      | .3       |
| FN13               | ... Driveshaft Hsg. | .3       |
| FN16               | ... Deflector-Grass | .2       |
| FD20               | ... Front Handle    | .2       |

## ACCESSORIES

|                                   |            |                                                  |            |
|-----------------------------------|------------|--------------------------------------------------|------------|
| GREASE, MULTI-PURPOSE .....       | 18453      | SAFETY GOGGLES .....                             | A06933     |
| THREAD LOCKING COMPOUND .....     | 23488 C    | EAR PLUGS .....                                  | 07686      |
| MODULE AIR GAP SHIM .....         | PS 24306   | NON-SLIP GLOVES .....                            | A07687     |
| GRASS ANTI-WRAP KIT .....         | A 04191    | DIGITAL TACHOMETER .....                         | 18416      |
| STARTER ROPE (250 Ft. Reel) ..... | 98052 A    | STRINGHEAD-Complete .....                        | DA 03001 A |
| TORX BIT (T25) .....              | 24982 03   | (.080 Line) (Right Hand Thread) (Black Retainer) |            |
| (For Clutch Drums)                |            | REPLACEMENT STRING (3 lb. Box) .....             | 98011 06   |
| TORX BIT (T27) .....              | 18566 01   | (.080" Dia.)                                     |            |
| IGNITION TEST SPARK PLUG .....    | JA 31316 4 |                                                  |            |
| RUBBER TUBING (10 Ft.) .....      | 94772 99   |                                                  |            |
| (10 Ft.) .....                    | 01439 99   |                                                  |            |

www.emc-motoculture.com