

## MTL 85 R Earth auger



### Documents

Motor assy

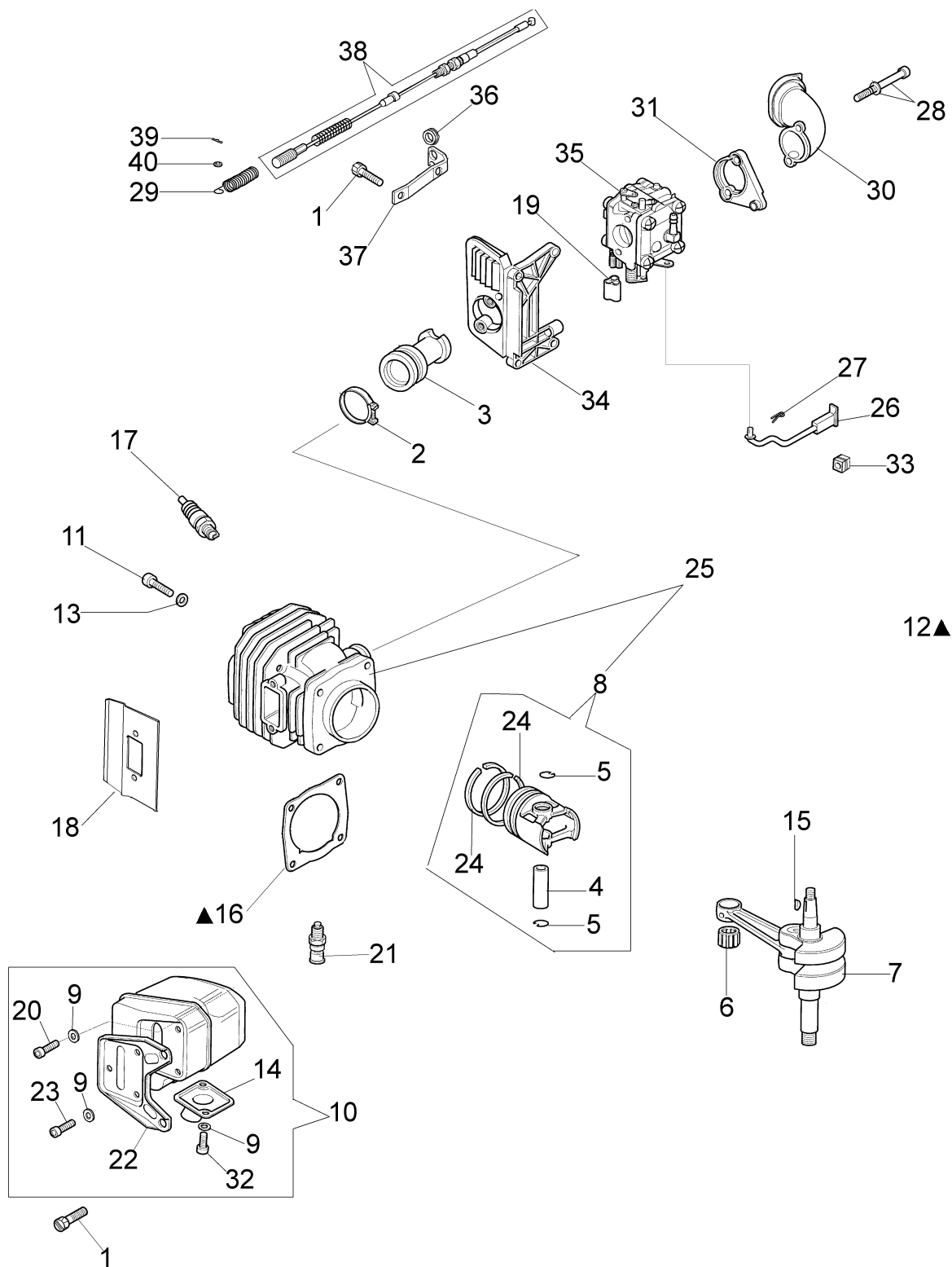
Crankcase and starter assy

Tank and air filter

Reduction gear

Handle assy and drills

Carburetor

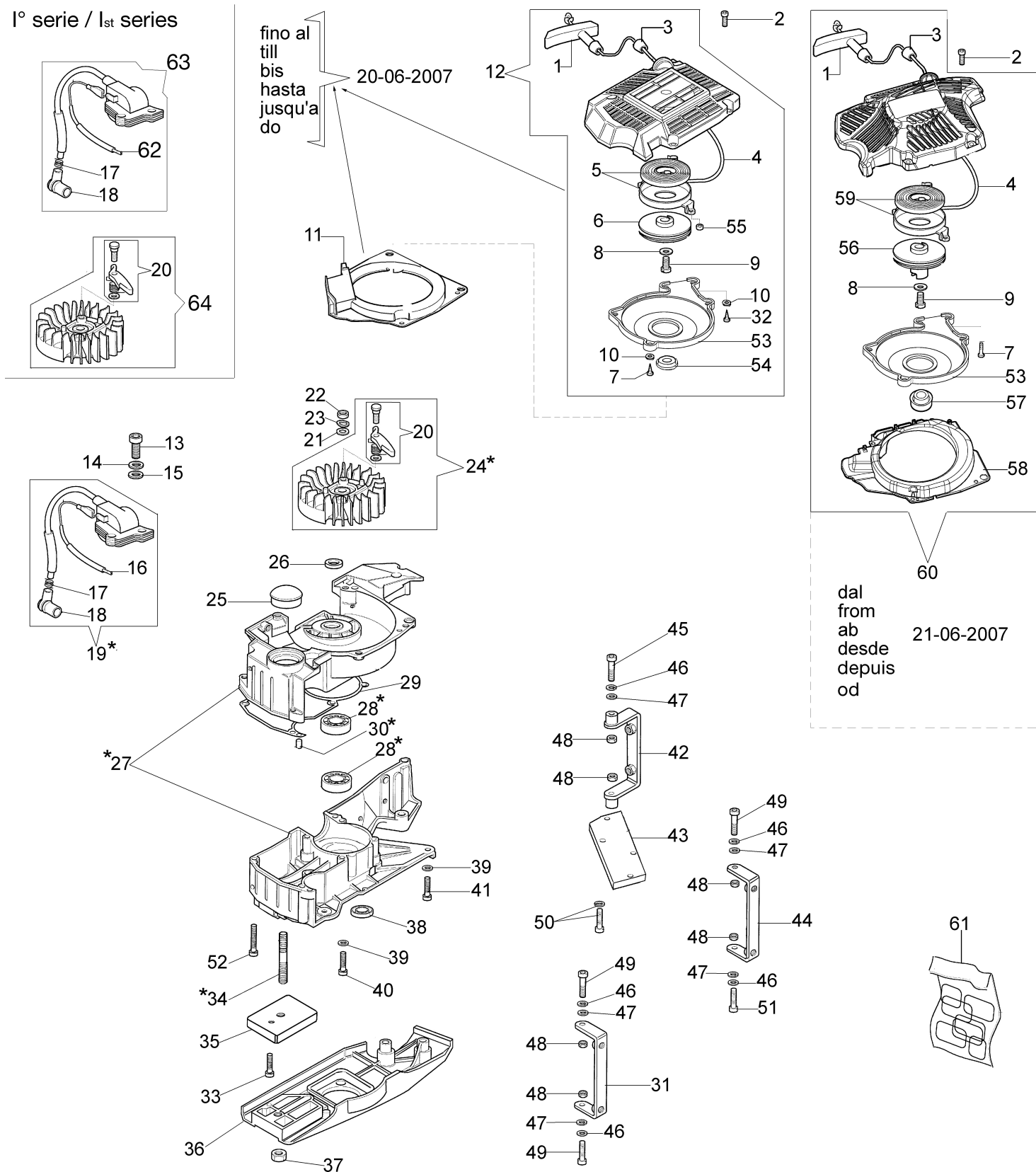


## Illustration Motor assy

| Ref.Nu | Qty | Part number | Description           | Validity from | Validity till | Notes | Bulletin |
|--------|-----|-------------|-----------------------|---------------|---------------|-------|----------|
| 1      | 3   | 097000092AR | Screw                 |               |               |       |          |
| 2      | 1   | 097000059A  | Spring                |               |               |       |          |
| 3      | 1   | 098000010   | Manifold              |               |               |       |          |
| 4      | 1   | 094500007R  | Piston pin            |               |               |       |          |
| 5      | 2   | 007201198R  | Ring                  |               |               |       |          |
| 6      | 1   | 006000010   | Bearing               |               |               |       |          |
| 7      | 1   | 098000001R  | Crankshaft            |               |               |       |          |
| 8      | 1   | 098000312B  | Piston assy Ø52       |               |               |       |          |
| 9      | 2   | 3033074     | Washer                |               |               |       |          |
| 10     | 1   | 52010441A   | Muffler               |               |               |       |          |
| 11     | 1   | 005100906AR | Screw                 |               |               |       |          |
| 12     | 1   | 097000215A  | Gasket set            |               |               |       |          |
| 13     | 4   | 3833076     | Washer                |               |               |       |          |
| 14     | 1   | 53030029R   | Deflector             |               |               |       |          |
| 15     | 1   | 094500028R  | Key                   |               |               |       |          |
| 16     | 1   | 52010458AR  | Gasket                |               |               |       |          |
| 17     | 1   | 3055101     | Spark plug            |               |               |       |          |
| 18     | 1   | 097000094CR | Gasket                |               |               |       |          |
| 19     | 1   | 097000323A  | Screw guide           |               |               |       |          |
| 20     | 2   | 3801045R    | Screw                 |               |               |       |          |
| 21     | 1   | 50010215R   | Decompressor          |               |               |       |          |
| 22     | 1   | 097000342A  | Cover                 |               |               |       |          |
| 23     | 3   | 3801052R    | Screw                 |               |               |       |          |
| 24     | 2   | 098000004R  | Piston ring Ø52       |               |               |       |          |
| 25     | 1   | 50102012F   | Complete cylinder     |               |               |       |          |
| 26     | 1   | 52010078AR  | Starter lever         |               |               |       |          |
| 27     | 1   | 006000102R  | Cotter pin            |               |               |       |          |
| 28     | 2   | 61052009BR  | Screw                 |               |               |       |          |
| 29     | 1   | 53030037    | Spring                |               |               |       |          |
| 30     | 1   | 098000043   | Fittings              |               |               |       |          |
| 31     | 1   | 097000333   | Flange                |               |               |       |          |
| 32     | 1   | 005100913B  | Screw                 |               |               |       |          |
| 33     | 1   | 097000057R  | Grommet               |               |               |       |          |
| 34     | 1   | 097000280   | Support               |               |               |       |          |
| 35     | 1   | 53030049    | Carburetor kit WJ-72A |               |               |       |          |
| 36     | 1   | 006000187   | Grommet               |               |               |       |          |
| 37     | 1   | 53030054    | Cable                 |               |               |       |          |
| 38     | 1   | 53030019    | Throttle cable        |               |               |       |          |
| 39     | 1   | 004000059   | Cotter pin            |               |               |       |          |
| 40     | 1   | 3916003R    | Washer                |               |               |       |          |

# Illustration Crankcase and starter assy

I° serie / 1st series

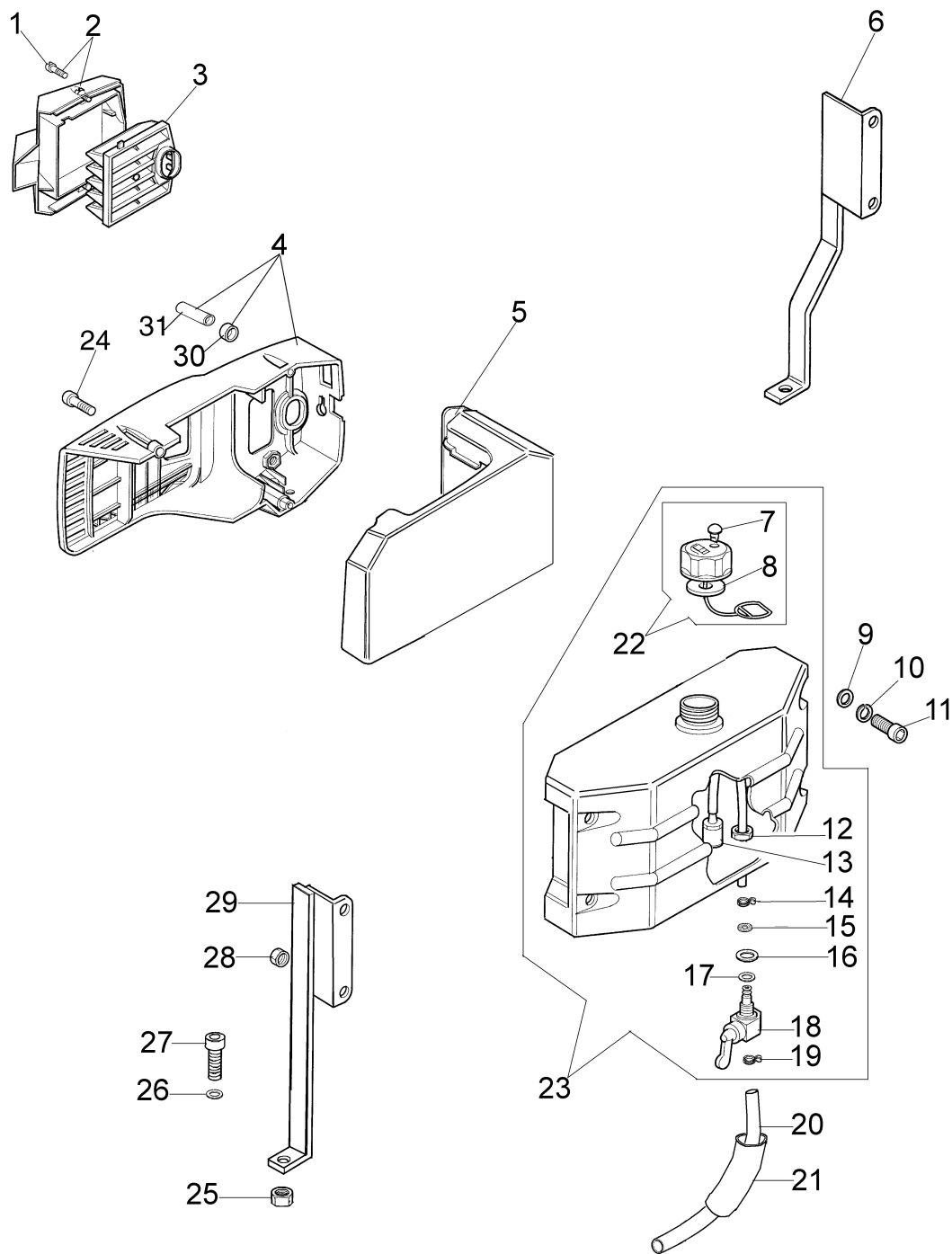


## Illustration Crankcase and starter assy

| Ref.Nu | Qty | Part number | Description    | Validity from | Validity till | Notes | Bulletin       |
|--------|-----|-------------|----------------|---------------|---------------|-------|----------------|
| 1      | 1   | 50140060    | Handle         |               |               |       | BT6-066-09/07  |
| 2      | 4   | 097000092AR | Screw          |               |               |       |                |
| 3      | 1   | 50140056    | Cap            |               |               |       | BT6-066-09/07  |
| 4      | 1   | 098000079R  | Starter rope   |               |               |       | BT6-066-09/07  |
| 5      | 1   | 098000060AR | Spring         |               |               |       | BT6-066-09/07  |
| 6      | 1   | 52010439CR  | Pulley         |               |               |       | BT6-066-09/07  |
| 7      | 5   | 3960017AR   | Screw          |               |               |       | BT6-066-09/07  |
| 8      | 1   | 3918006     | Washer         |               |               |       | BT6-066-09/07  |
| 9      | 1   | 3908036     | Screw          |               |               |       | BT6-066-09/07  |
| 10     | 5   | 3819005R    | Washer         |               |               |       | BT6-066-09/07  |
| 11     | 1   | 097000019C  | Flange         |               |               |       | BT6-066-09/07  |
| 12     | 1   | 52010495C   | Starter kit    |               |               |       | BT6-066-09/07  |
| 13     | 2   | 094000227   | Screw          |               |               |       |                |
| 14     | 2   | 006000315R  | Washer         |               |               |       |                |
| 15     | 2   | 3916004R    | Washer         |               |               |       |                |
| 16     | 1   | 53030054    | Cable          | SN 5648050063 |               |       | BT6-067-01/08, |
| 17     | 1   | 094600169AR | Spring         |               |               |       |                |
| 18     | 1   | 094600097AR | Spark plug cap |               |               |       |                |
| 19     | 1   | 50200162R   | Ignition coil  | SN 5647240760 |               |       | BT6-067-01/08  |
| 20     | 1   | 52012027    | Pawl kit       |               |               |       |                |
| 21     | 1   | 3916009R    | Washer         |               |               |       |                |
| 22     | 1   | 004000142R  | Nut            |               |               |       |                |
| 23     | 1   | 3833080R    | Washer         |               |               |       |                |
| 24     | 1   | 52010136BR  | Flywheel       | SN 5647240760 |               |       | BT6-067-01/08  |
| 25     | 1   | 52010143A   | Tank cap       |               |               |       |                |
| 26     | 1   | 094500004R  | Seal ring      |               |               |       |                |
| 27     | 1   | 53030050B   | Crankcase assy |               |               |       | BT6-067-01/08  |
| 28     | 1   | 099900006R  | Bearing        |               |               |       |                |
| 29     | 1   | 097000215A  | Gasket set     |               |               |       |                |
| 30     | 2   | 3023008R    | Plug           |               |               |       |                |
| 31     | 1   | 53030005    | Bracket        |               |               |       |                |
| 32     | 1   | 3960116     | Screw          |               |               |       | BT6-066-09/07  |
| 33     | 1   | 3801004     | Screw          |               |               |       |                |
| 34     | 1   | 53030022    | Stud           |               |               |       |                |
| 35     | 1   | 53030031    | Plate          |               |               |       |                |
| 36     | 1   | 53030001    | Cover          |               |               |       |                |
| 37     | 2   | 008200913R  | Nut            |               |               |       |                |
| 38     | 1   | 099900014R  | Seal ring      |               |               |       |                |
| 39     | 6   | 3833073R    | Washer         |               |               |       |                |
| 40     | 4   | 3801035     | Screw          |               |               |       |                |
| 41     | 1   | 006000064   | Screw          |               |               |       |                |
| 42     | 1   | 53030007    | Bracket        |               |               |       |                |

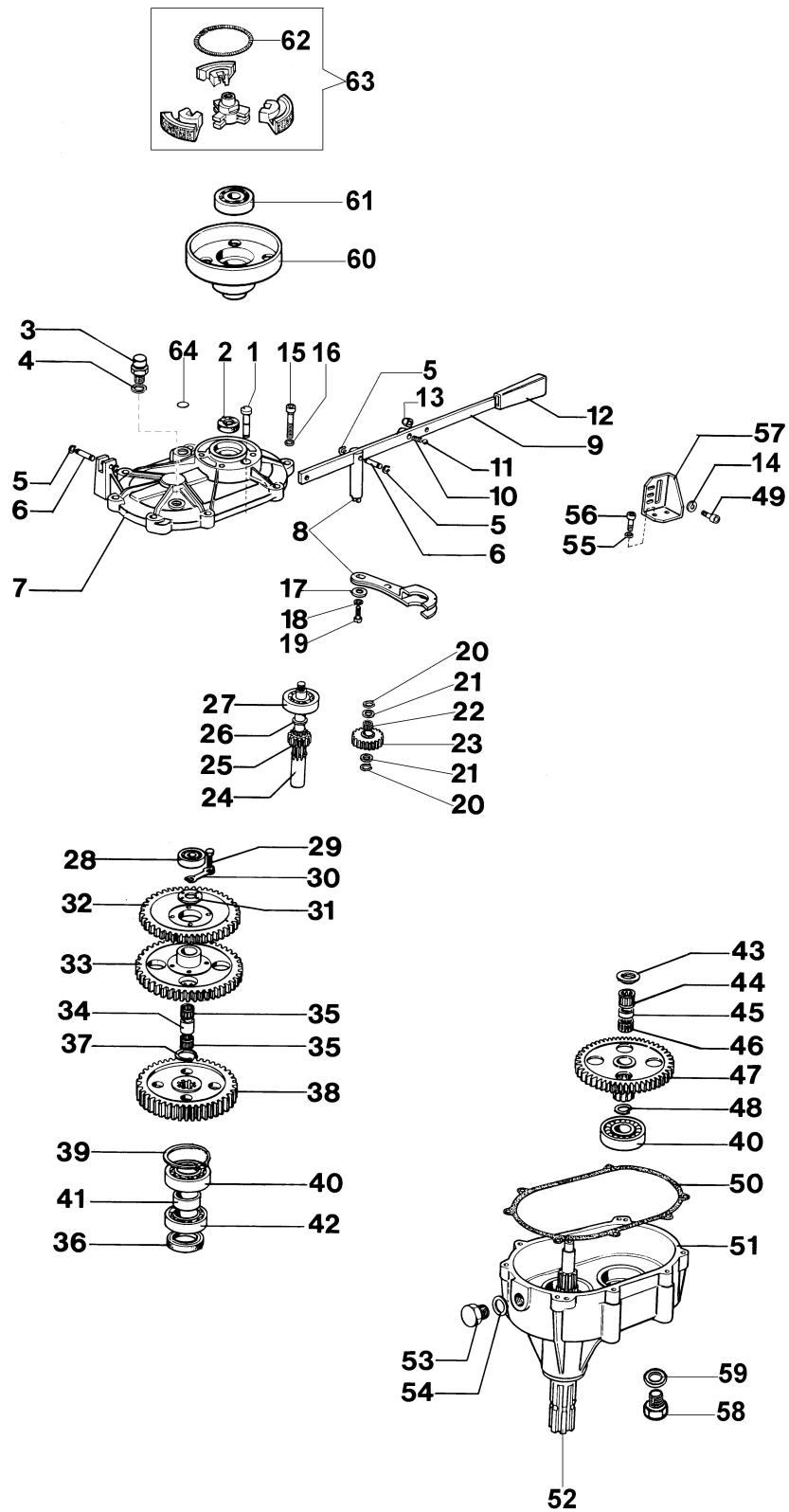
## Illustration Crankcase and starter assy

| Ref.Nu | Qty | Part number | Description     | Validity from | Validity till | Notes | Bulletin      |
|--------|-----|-------------|-----------------|---------------|---------------|-------|---------------|
| 43     | 1   | 53030010    | Plate           |               |               |       |               |
| 44     | 1   | 53030006    | Bracket         |               |               |       |               |
| 45     | 1   | 3801016R    | Screw           |               |               |       |               |
| 46     | 4   | 3819006R    | Washer          |               |               |       |               |
| 47     | 4   | 3916005R    | Washer          |               |               |       |               |
| 48     | 6   | 3914003R    | Nut             |               |               |       |               |
| 49     | 2   | 3801032R    | Screw           |               |               |       |               |
| 50     | 1   | 4196163R    | Screw           |               |               |       |               |
| 51     | 1   | 3801015R    | Screw           |               |               |       |               |
| 52     | 1   | 006100303R  | Screw           |               |               |       |               |
| 53     | 1   | 50140055    | Cover           |               |               |       | BT6-066-09/07 |
| 54     | 1   | 52010410    | Cap             |               |               |       | BT6-066-09/07 |
| 55     | 1   | 52010404    | Spacer          |               |               |       | BT6-066-09/07 |
| 56     | 1   | 52010485BR  | Starter pulley  |               |               |       | BT6-066-09/07 |
| 57     | 1   | 52010489R   | Cap             |               |               |       | BT6-066-09/07 |
| 58     | 1   | 52010484BR  | Flange          |               |               |       | BT6-066-09/07 |
| 59     | 1   | 52012118BR  | Complete spring |               |               |       | BT6-066-09/07 |
| 60     | 1   | 52010495C   | Starter kit     |               |               |       | BT6-066-09/07 |
| 61     | 1   | 53032017    | Labels kit      |               |               |       |               |
| 62     | 1   | 53030023    | Cable           |               | SN 5647240759 |       | BT6-067-01/08 |
| 63     | 1   | 53030038AR  | Ignition coil   |               | SN 5647240759 |       | BT6-067-01/08 |
| 64     | 1   | 52010136BR  | Flywheel        |               | SN 5647240759 |       | BT6-067-01/08 |
| 65     |     | 53030050B   | Crankcase assy  | SN 5647240760 |               |       | BT6-067-01/08 |



## Illustration Tank and air filter

| Ref.Nu | Qty | Part number | Description      | Validity from | Validity till | Notes | Bulletin |
|--------|-----|-------------|------------------|---------------|---------------|-------|----------|
| 1      | 2   | 093000468A  | Screw            |               |               |       |          |
| 2      | 1   | 098000136R  | Cover            |               |               |       |          |
| 3      | 1   | 098000092R  | Air filter nylon |               |               |       |          |
| 4      | 1   | 53030060R   | Clutch cover     |               |               |       |          |
| 5      | 1   | 53030044    | Guard            |               |               |       |          |
| 6      | 1   | 53030013    | Support          |               |               |       |          |
| 7      | 1   | 4098658AR   | Breather valve   |               |               |       |          |
| 8      | 1   | 4100308AR   | Gasket           |               |               |       |          |
| 9      | 4   | 3918005R    | Washer           |               |               |       |          |
| 10     | 4   | 3819006R    | Washer           |               |               |       |          |
| 11     | 4   | 3801011R    | Screw            |               |               |       |          |
| 12     | 1   | 3912011R    | Nut              |               |               |       |          |
| 13     | 1   | 50010218R   | Fuel filter      |               |               |       |          |
| 14     | 1   | 3059012     | Band             |               |               |       |          |
| 15     | 1   | 3049006R    | O-ring           |               |               |       |          |
| 16     | 1   | 3078010     | Washer           |               |               |       |          |
| 17     | 1   | 3055098     | Ring             |               |               |       |          |
| 18     | 1   | 3055046     | Tap              |               |               |       |          |
| 19     | 1   | 4098377R    | Band             |               |               |       |          |
| 20     | 1   | 53030018    | Tube             |               |               |       |          |
| 21     | 1   | 53030041R   | Sheath           |               |               |       |          |
| 22     | 1   | 4151258R    | Complete cap     |               |               |       |          |
| 23     | 1   | 53012004R   | Fuel tank        |               |               |       |          |
| 24     | 3   | 099900296R  | Screw            |               |               |       |          |
| 25     | 2   | 3914010R    | Nut              |               |               |       |          |
| 26     | 2   | 3818011AR   | Washer           |               |               |       |          |
| 27     | 2   | 3801048     | Screw            |               |               |       |          |
| 28     | 2   | 3914003R    | Nut              |               |               |       |          |
| 29     | 1   | 53030021    | Support          |               |               |       |          |
| 30     | 1   | 3088001R    | Grommet          |               |               |       |          |
| 31     | 1   | 094500183   | Tube             |               |               |       |          |

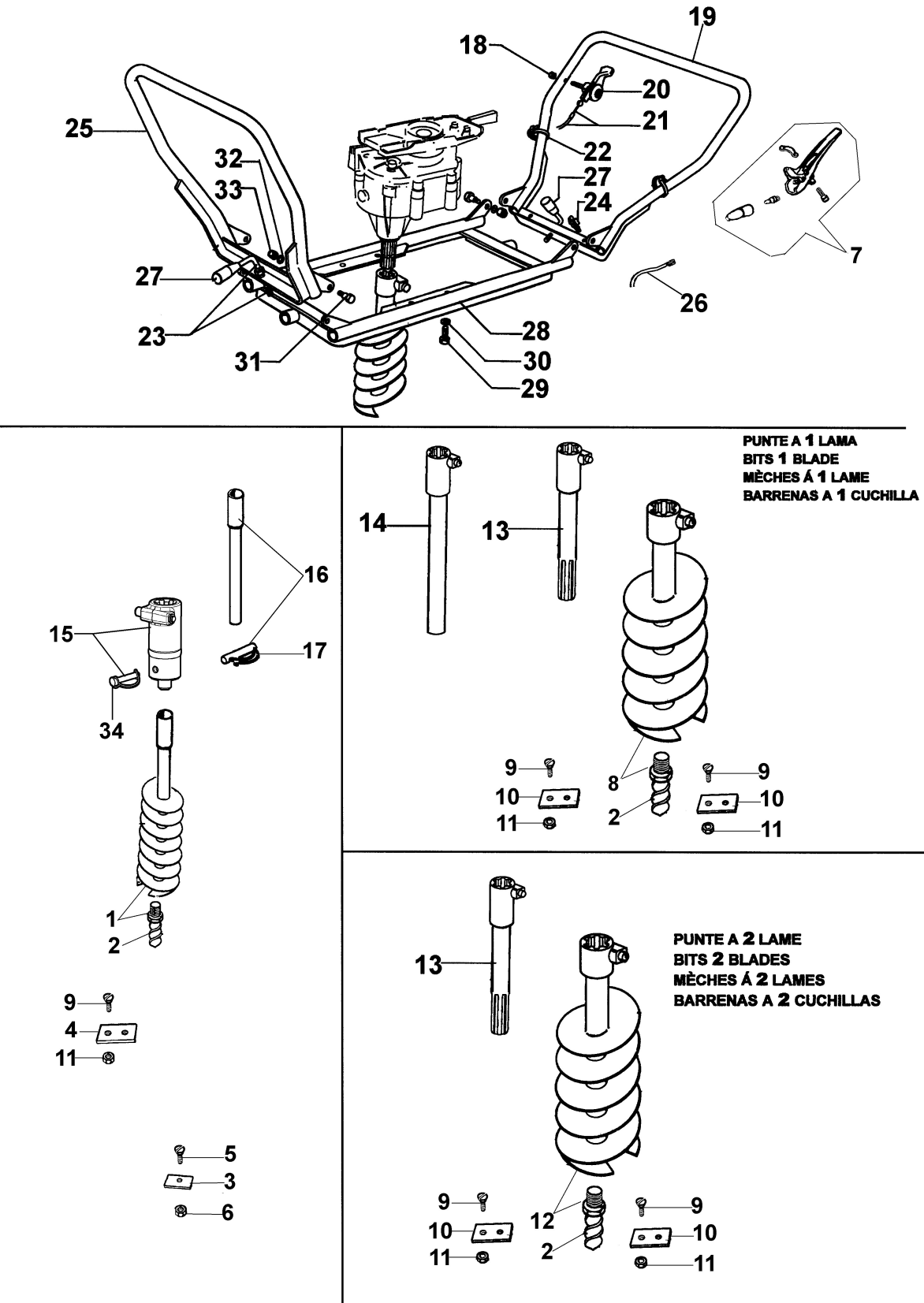


## Illustration Reduction gear

| Ref.Nu | Qty | Part number | Description     | Validity from | Validity till | Notes | Bulletin |
|--------|-----|-------------|-----------------|---------------|---------------|-------|----------|
| 1      | 1   | 028200063   | Shaft           |               |               |       |          |
| 2      | 1   | 028200010   | Seal ring       |               |               |       |          |
| 3      | 1   | 028200331   | Cap             |               |               |       |          |
| 4      | 1   | 028200038   | Washer          |               |               |       |          |
| 5      | 2   | 3024006     | Snap ring       |               |               |       |          |
| 6      | 1   | 53010032    | Pin             |               |               |       |          |
| 7      | 1   | 53010028R   | Cover           |               |               |       |          |
| 8      | 1   | 53010084    | Pin and rod kit |               |               |       |          |
| 9      | 1   | 53010031A   | Lever           |               |               |       |          |
| 10     | 1   | 53010034    | Spring          |               |               |       |          |
| 11     | 1   | 3033002     | Ball            |               |               |       |          |
| 12     | 1   | 3046020     | Knob            |               |               |       |          |
| 13     | 1   | 3914003R    | Nut             |               |               |       |          |
| 14     | 1   | 3918005R    | Washer          |               |               |       |          |
| 15     | 1   | 3801027R    | Screw           |               |               |       |          |
| 16     | 1   | 3833076     | Washer          |               |               |       |          |
| 17     | 1   | 3918003R    | Washer          |               |               |       |          |
| 18     | 1   | 3072014     | Washer          |               |               |       |          |
| 19     | 1   | 3801003     | Screw           |               |               |       |          |
| 20     | 1   | 3024009R    | Ring            |               |               |       |          |
| 21     | 1   | 028200065R  | Washer          |               |               |       |          |
| 22     | 1   | 028200066   | Bearing         |               |               |       |          |
| 23     | 1   | 028200067R  | Sprocket        |               |               |       |          |
| 24     | 1   | 028200009   | Shaft           |               |               |       |          |
| 25     | 1   | 028200013   | Sprocket        |               |               |       |          |
| 26     | 1   | 004000423   | Washer          |               |               |       |          |
| 27     | 1   | 028200011   | Bearing         |               |               |       |          |
| 28     | 1   | 028200021R  | Bearing         |               |               |       |          |
| 29     | 1   | 3806022R    | Screw           |               |               |       |          |
| 30     | 1   | 028200025   | Plate           |               |               |       |          |
| 31     | 1   | 028200022   | Washer          |               |               |       |          |
| 32     | 1   | 028200026   | Chain sprocket  |               |               |       |          |
| 33     | 1   | 028200027   | Chain sprocket  |               |               |       |          |
| 34     | 1   | 028200024   | Spacer          |               |               |       |          |
| 35     | 2   | 028200023R  | Bearing         |               |               |       |          |
| 36     | 1   | 028200034   | Seal ring       |               |               |       |          |
| 37     | 1   | 3024025     | Ring            |               |               |       |          |
| 38     | 1   | 028200119   | Chain sprocket  |               |               |       |          |
| 39     | 1   | 028200031R  | Ring            |               |               |       |          |
| 40     | 1   | 028200020   | Bearing         |               |               |       |          |
| 41     | 1   | 028200032   | Spacer          |               |               |       |          |
| 42     | 1   | 028200033R  | Bearing         |               |               |       |          |

## Illustration Reduction gear

| Ref.Nu | Qty | Part number | Description    | Validity from | Validity till | Notes | Bulletin |
|--------|-----|-------------|----------------|---------------|---------------|-------|----------|
| 43     | 1   | 028200014   | Washer         |               |               |       |          |
| 44     | 1   | 028200015   | Bearing        |               |               |       |          |
| 45     | 1   | 028200016   | Spacer         |               |               |       |          |
| 46     | 1   | 028200017   | Bearing        |               |               |       |          |
| 47     | 1   | 028200018   | Chain sprocket |               |               |       |          |
| 48     | 1   | 028200019   | Ring           |               |               |       |          |
| 49     | 1   | 3801010R    | Screw          |               |               |       |          |
| 50     | 1   | 028200007R  | Gasket         |               |               |       |          |
| 51     | 1   | 53010029    | Gear case      |               |               |       |          |
| 52     | 1   | 028200028   | Shaft          |               |               |       |          |
| 53     | 1   | 028200037   | Cap            |               |               |       |          |
| 54     | 1   | 028200036   | Washer         |               |               |       |          |
| 55     | 1   | 3819006R    | Washer         |               |               |       |          |
| 56     | 1   | 3801011R    | Screw          |               |               |       |          |
| 57     | 1   | 53010033    | Slide          |               |               |       |          |
| 58     | 1   | 028200039R  | Screw          |               |               |       |          |
| 59     | 1   | 028200040R  | Washer         |               |               |       |          |
| 60     | 1   | 53010066    | Clutch drum    |               |               |       |          |
| 61     | 1   | 012000041R  | Bearing        |               |               |       |          |
| 62     | 1   | 099900227R  | Spring         |               |               |       |          |
| 63     | 1   | 53030017AR  | Clutch         |               |               |       |          |
| 64     | 1   | 3049014R    | O-ring         |               |               |       |          |

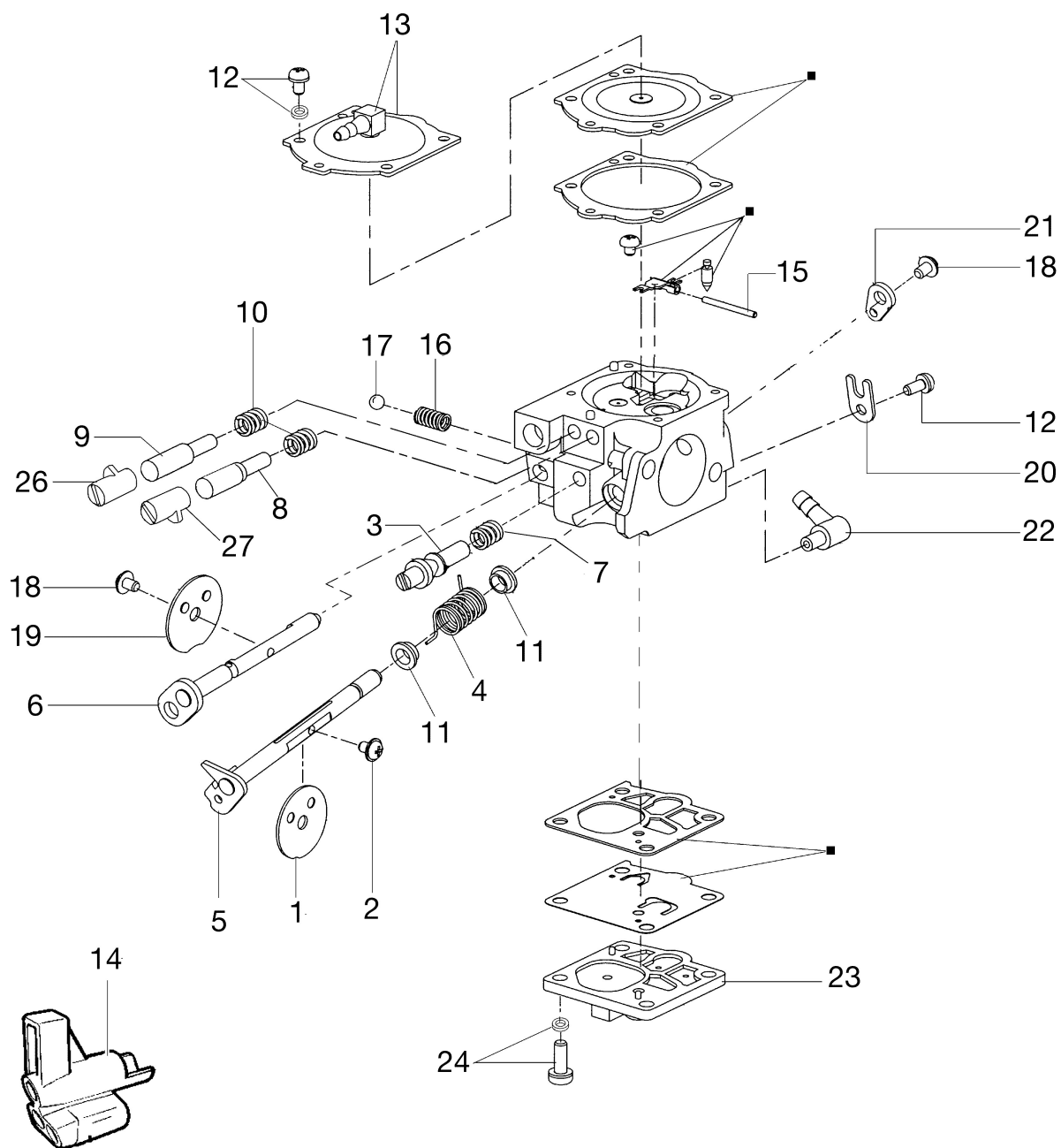


## Illustration Handle assy and drills

| Ref.Nu | Qty | Part number | Description                 | Validity from | Validity till | Notes | Bulletin      |
|--------|-----|-------------|-----------------------------|---------------|---------------|-------|---------------|
| 1      | 1   | 375100028A  | Single flute bit Ø8x100 cm  |               |               |       |               |
| 1      | 1   | 375100029A  | Single flute bit Ø10x100 cm |               |               |       |               |
| 1      | 1   | 375100030A  | Single flute bit Ø15x100 cm |               |               |       |               |
| 1      | 1   | 375100031A  | Single flute bit Ø20x100 cm |               |               |       |               |
| 2      | 1   | 375100088A  | Cap 10÷50 cm                |               |               |       |               |
| 2      | 1   | 375100090A  | Cap 8 cm                    |               |               |       |               |
| 3      | 1   | 375100091A  | Blade 8 cm                  |               |               |       |               |
| 3      | 1   | 375100092AR | Blade cm 10                 |               |               |       |               |
| 4      | 1   | 375100093A  | Blade cm 15                 |               |               |       |               |
| 4      | 1   | 375100094A  | Blade cm 20                 |               |               |       |               |
| 5      | 1   | 3802007R    | Screw                       |               |               |       |               |
| 6      | 1   | 320000028R  | Nut                         |               |               |       |               |
| 7      | 1   | 53032012    | Throttle lever              |               |               |       |               |
| 8      | 1   | 53030061    | Single flute bit Ø25x85 cm  |               |               |       | BT6-090-11/10 |
| 8      | 1   | 53030062    | Single flute bit Ø30x85 cm  |               |               |       | BT6-090-11/10 |
| 8      | 1   | 53030063    | Single flute bit Ø35x85 cm  |               |               |       | BT6-090-11/10 |
| 9      | 2   | 028000055R  | Screw                       |               |               |       |               |
| 10     | 2   | 028000067A  | Blade cm 25                 |               |               |       |               |
| 10     | 2   | 028000068A  | Blade cm 30                 |               |               |       |               |
| 10     | 2   | 028000069A  | Blade cm 35                 |               |               |       |               |
| 10     | 2   | 028000078A  | Blade cm 40                 |               |               |       |               |
| 10     | 2   | 028200255   | Blade for bit Ø45           |               |               |       |               |
| 10     | 2   | 028200256   | Blade for Ø50 bit           |               |               |       |               |
| 11     | 2   | 006000091R  | Nut                         |               |               |       |               |
| 12     | 1   | 028200252   | Double flute bit Ø45x100 cm |               |               |       |               |
| 12     | 1   | 028200253   | Double flute bit Ø50x100 cm |               |               |       |               |
| 12     | 1   | 028200297   | Double flute bit Ø25x100 cm |               |               |       |               |
| 12     | 1   | 028200298   | Double flute bit Ø30x100 cm |               |               |       |               |
| 12     | 1   | 028200299   | Double flute bit Ø35x100 cm |               |               |       |               |
| 12     | 1   | 028200306   | Double flute bit Ø40x100 cm |               |               |       |               |
| 13     | 1   | 028200289   | Extension                   |               |               |       | BT6-090-11/10 |
| 14     | 1   | 028200287   | Extension                   |               |               |       | BT6-090-11/10 |
| 15     | 1   | 028200354   | Support + pin kit           |               |               |       | BT6-090-11/10 |
| 16     | 1   | 375100115   | Extension + cotter pin      |               |               |       |               |
| 17     | 1   | 3033139     | Plug                        |               |               |       | BT6-090-11/10 |

## Illustration Handle assy and drills

| Ref.Nu | Qty | Part number | Description    | Validity from | Validity till | Notes | Bulletin      |
|--------|-----|-------------|----------------|---------------|---------------|-------|---------------|
| 18     | 1   | 3914006R    | Nut            |               |               |       |               |
| 19     | 1   | 53010007    | Handle         |               |               |       |               |
| 20     | 1   | 365100024   | Throttle lever |               |               |       |               |
| 21     | 1   | 53030019    | Throttle cable |               |               |       |               |
| 22     | 1   | 072700237   | Band           |               |               |       |               |
| 23     | 1   | 53010010    | Screw          |               |               |       |               |
| 24     | 1   | 3044103     | Band           |               |               |       |               |
| 25     | 1   | 53010009    | Handle         |               |               |       |               |
| 26     | 1   | 53030023    | Cable          |               |               |       |               |
| 27     | 2   | 3046021R    | Knob           |               |               |       |               |
| 28     | 1   | 53010055A   | Support        |               |               |       |               |
| 29     | 4   | 3806094R    | Screw          |               |               |       |               |
| 30     | 4   | 3819014R    | Grower         |               |               |       |               |
| 31     | 4   | 53010013    | Pin            |               |               |       |               |
| 32     | 2   | 3916008R    | Washer         |               |               |       |               |
| 33     | 2   | 3914010R    | Nut            |               |               |       |               |
| 34     | 1   | 3033141     | Plug           |               |               |       | BT6-090-11/10 |



■ 25 Kit riparazione / Repair kit

## Illustration Carburetor

| Ref.Nu | Qty | Part number | Description | Validity from | Validity till | Notes | Bulletin |
|--------|-----|-------------|-------------|---------------|---------------|-------|----------|
| 1      | 1   | 028400110   | Shutter     |               |               |       |          |
| 2      | 1   | 097000162   | Screw       |               |               |       |          |
| 3      | 1   | 097000162   | Screw       |               |               |       |          |
| 4      | 1   | 097000161   | Spring      |               |               |       |          |
| 5      | 1   | 097000154   | Shaft       |               |               |       |          |
| 6      | 1   | 097000155   | Shaft       |               |               |       |          |
| 7      | 1   | 2318763     | Spring      |               |               |       |          |
| 8      | 1   | 2318772     | Screw L     |               |               |       |          |
| 9      | 1   | 2318773     | Screw H     |               |               |       |          |
| 10     | 1   | 097000223   | Spring      |               |               |       |          |
| 11     | 2   | 097000224   | Bushing     |               |               |       |          |
| 12     | 5   | 035000162   | Screw       |               |               |       |          |
| 13     | 1   | 097000156   | Cover       |               |               |       |          |
| 14     | 1   | 097000323A  | Screw guide |               |               |       |          |
| 15     | 1   | 035000169   | Spindle     |               |               |       |          |
| 16     | 1   | 035000164   | Spring      |               |               |       |          |
| 17     | 1   | 006000325   | Ball        |               |               |       |          |
| 18     | 1   | 50010141    | Screw       |               |               |       |          |
| 19     | 1   | 035000151   | Shutter     |               |               |       |          |
| 20     | 1   | 035000149   | Plate       |               |               |       |          |
| 21     | 1   | 097000160   | Lever       |               |               |       |          |
| 22     | 1   | 003300036   | Fittings    |               |               |       |          |
| 23     | 1   | 097000157   | Cover       |               |               |       |          |
| 24     | 4   | 035000161   | Screw       |               |               |       |          |
| 25     | 1   | 2318672     | Repair kit  |               |               |       |          |
| 26     | 1   | 2318695     | Cap         |               |               |       |          |
| 27     | 1   | 2318694     | Cap         |               |               |       |          |