

# **Eagle Power™**

## **Products Group**

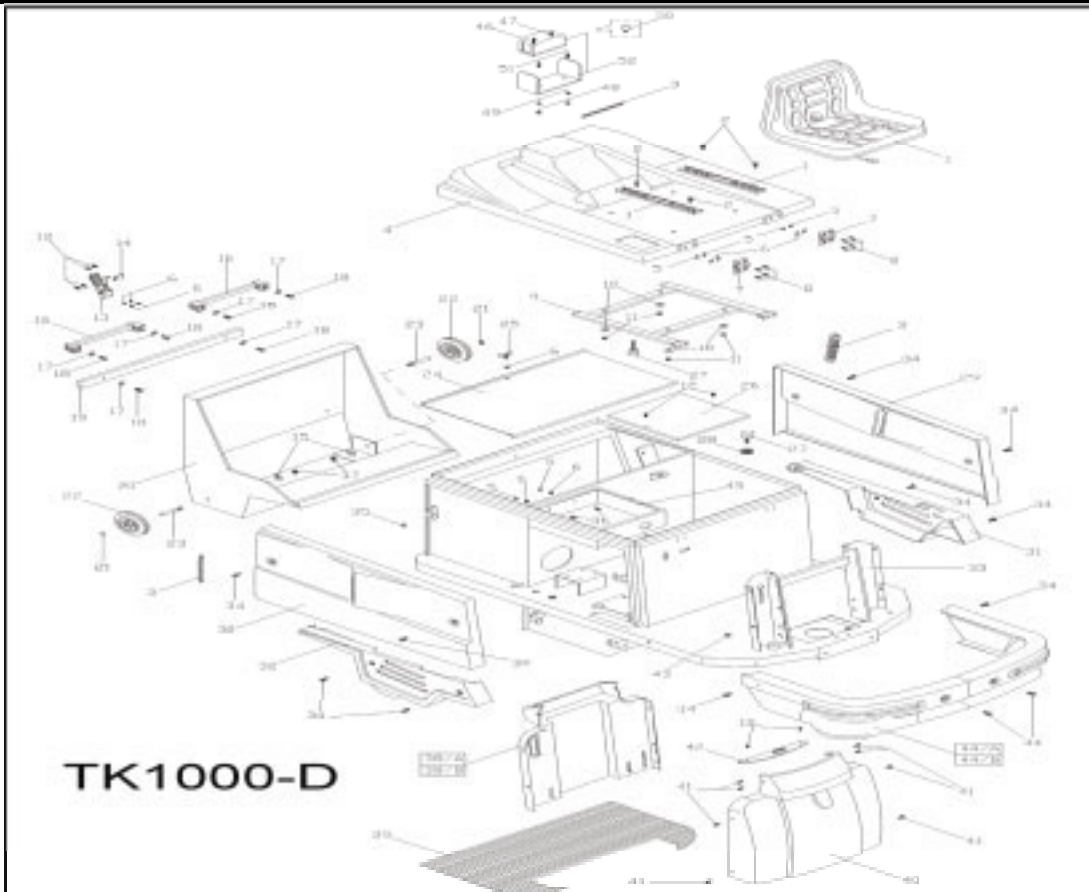
**TK1000  
RIDER  
SWEEPER**



**ENTER** 

**PARTS MANUAL**

## TK 1000 RIDER-SWEEPER - Chassis Assembly



## TK 1000 RIDER-SWEEPER - Chassis Assembly

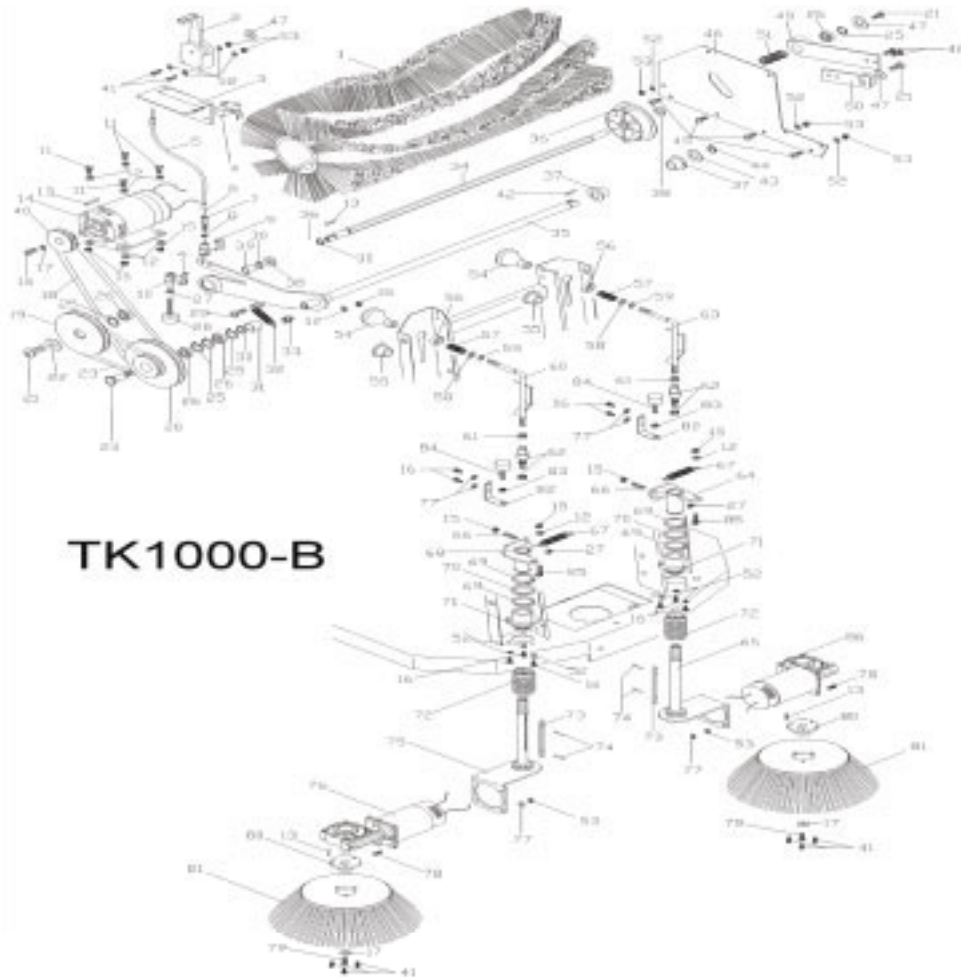
| POSITION | PART NUMBER | DESCRIPTION              |
|----------|-------------|--------------------------|
| 1        | 13201003    | Seat                     |
| 2        | 1105066     | Screw 8x35               |
| 3        | 1120157     | Air diffuser             |
| 4        | 2120141     | Upper cover -RED-        |
| 4        | 2120165     | Upper cover -WHITE-      |
| 4        | 2120190     | Upper cover - BLUE-      |
| 4        | 2120236     | Upper cover -LIGHT BLUE- |
| 5        | 1105133     | Nut M6                   |
| 6        | 1105324     | Washer 6x18              |
| 7        | 13201004    | Hinge                    |
| 8        | 1105506     | Screw 6x20               |
| 9        | 22701002    | Seat bearing frame       |
| 10       | 1105326     | Washer 8x24              |
| 11       | 1105134     | Nut M8                   |
| 12       | 1105236     | Screw 6x16               |
| 13       | 1320069     | Lever locking            |

### TK 1000 RIDER-SWEEPER - Chassis Assembly

| POSITION | PART NUMBER | DESCRIPTION                          |
|----------|-------------|--------------------------------------|
| 14       | 1320070     | Lever lock striker                   |
| 15       | 1105305     | Washer 10x21                         |
| 16       | 2310097     | Complete handle                      |
| 17       | 1105325     | Washer 6x24                          |
| 18       | 1105361     | Screw 6,3x19                         |
| 19       | 21501100    | Drawer bracing                       |
| 20       | 21201004    | Waste bin                            |
| 21       | 1250017     | Chromed cup Ø 15                     |
| 22       | 1250041     | Wheel Ø 125                          |
| 23       | 2230024     | Wheel's pivot                        |
| 24       | 21201003    | Filter container's cover             |
| 25       | 1320074     | Butterfly screw                      |
| 26       | 21201002    | Electric box cover                   |
| 27       | 1270003     | Adjustment bumper                    |
| 28       | 1105124     | Nut M8                               |
| 29       | 2120143     | Upper left side crankcase -RED-      |
| 29       | 2120167     | Upper left side crankcase -WHITE-    |
| 29       | 2120192     | Upper left side crankcase - BLUE-    |
| 29       | 2120239     | Upper left side crankcase -L. BLUE-  |
| 30       | 2120142     | Upper right side crankcase -RED-     |
| 30       | 2120166     | Upper right side crankcase -WHITE-   |
| 30       | 2120191     | Upper right side crankcase - BLUE-   |
| 30       | 2120238     | Upper right side crankcase -L. BLUE- |
| 31       | 2120145     | Lower left side crankcase            |
| 32       | 2120144     | Lower right side crankcase           |
| 33       | 22701000    | Frame                                |
| 34       | 1105231     | Screw 8x22                           |
| 35       | 1105201     | Nut M8                               |
| 36       | 1105160     | Screw 6x10                           |
| 37       | 1105135     | Nut M10                              |
| 38/A     | 2120169     | Grey Front inner casing              |
| 38/B     | 2120210     | Double brush front inner casing      |
| 39       | 21601001    | Running board                        |
| 40       | 2120146     | Front casing                         |
| 41       | 1105235     | Screw 6x20                           |
| 42       | 2120147     | Grey dashboard                       |
| 43       | 1105202     | Nut M6                               |
| 44/A     | 21201001    | Complete grey buffer                 |

| TK 1000 RIDER-SWEEPER - Chassis Assembly |             |                                   |
|------------------------------------------|-------------|-----------------------------------|
| POSITION                                 | PART NUMBER | DESCRIPTION                       |
| 44/B                                     | 21201018    | Double brush complete grey buffer |
| 45                                       | 21201000    | Wiring box                        |
| 46                                       | 1105353     | Self-tapping screw 3,5x19         |
| 47                                       | 1105356     | Self-tapping screw 3,5x9,5        |
| 48                                       | 1105122     | Nut M5                            |
| 49                                       | 1105302     | Washers 5x10                      |
| 50                                       | 1180021     | 24V 21W Light bulb                |
| 51                                       | 1105496     | Screw 5x25                        |
| 52                                       | 1180022     | Reverse gear light                |
| 53                                       | 22051004    | Spring                            |
| 54                                       | 1380001     | Micro                             |
|                                          | 23101010    | Complete back drawer              |
|                                          | 23101009    | Complete Upper cover-RED-         |
|                                          | 23101020    | Complete Upper cover-WHITE-       |
|                                          | 23101016    | Complete Upper cover- BLUE-       |
|                                          | 23101039    | Complete Upper cover-L. BLUE-     |

## TK1000-RIDER/SWEEPER - BROOM ASSEMBLY



## TK1000-RIDER/SWEEPER - BROOM ASSEMBLY

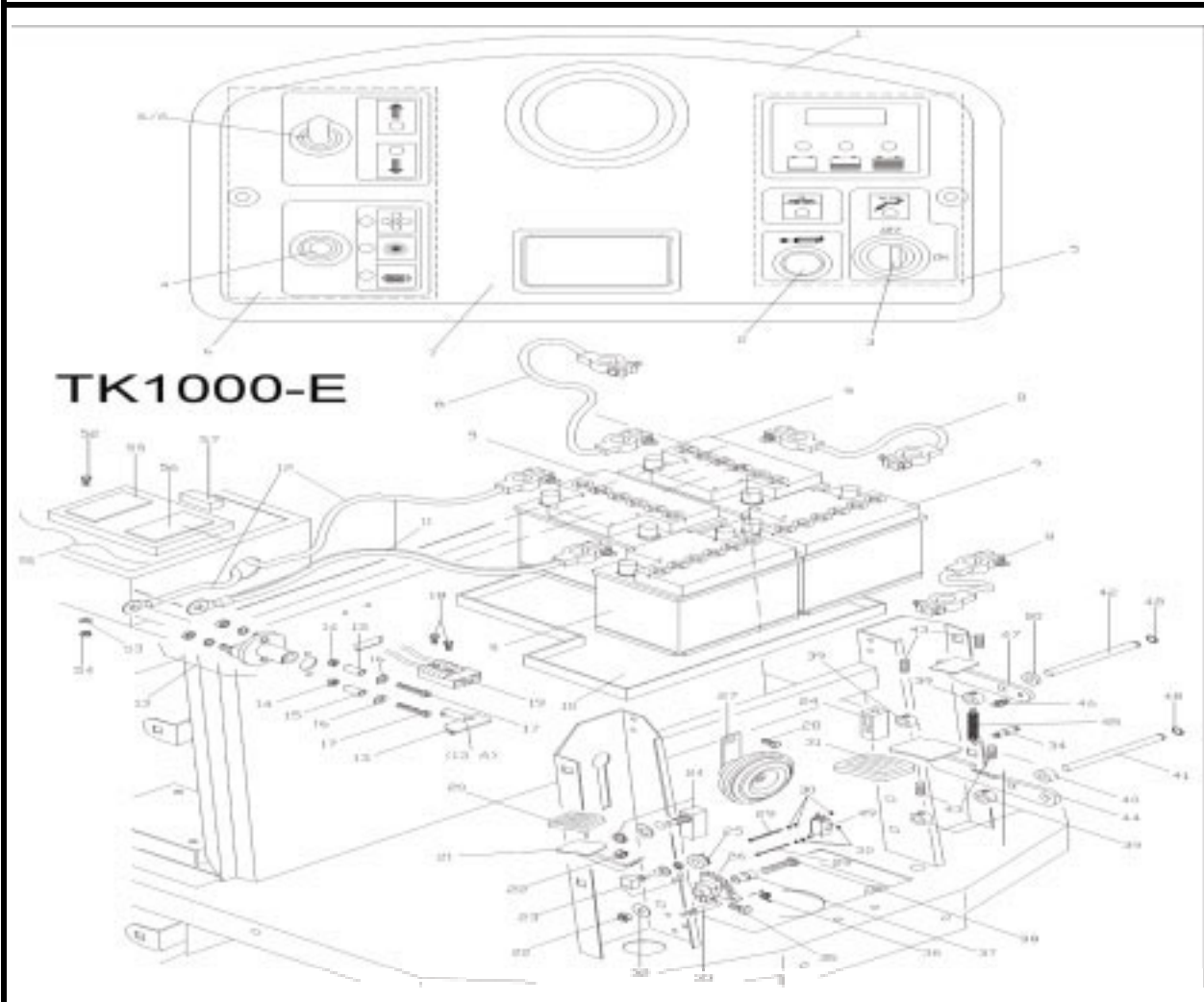
| POSITION | PART NUMBER | DESCRIPTION              |
|----------|-------------|--------------------------|
| 1        | 1350024     | Main brush               |
| 2        | 1125005     | Brush command lever      |
| 3        | 22601006    | Handgrip support         |
| 4        | 1380001     | Micro side brush         |
| 5        | 21251009    | Brushlifter cable sheath |
| 6        | 21251004    | Brushlifter cable        |
| 7        | 22301012    | Cable-adjusting pivot    |
| 8        | 1105127     | Nut M7                   |
| 9        | 11051101    | Fork clip M8             |
| 10       | 11051001    | M8 fork                  |
| 11       | 1105066     | Screw 8x35               |
| 12       | 1105304     | Washer 8x17              |
| 13       | 1105467     | Key 5x5x20               |

**TK1000-RIDER/SWEEPER - BROOM ASSEMBLY**

| <b>POSITION</b> | <b>PART NUMBER</b> | <b>DESCRIPTION</b>       |
|-----------------|--------------------|--------------------------|
| 14              | 1340015            | Motor                    |
| 15              | 1105134            | Locknut M8               |
| 16              | 1105236            | Screw 6x16               |
| 17              | 1105325            | Washer 6x24              |
| 18              | 1330007            | Belt Ø 8 x 710           |
| 19              | 22501001           | Pulley                   |
| 20              | 22501008           | Backsending pulley       |
| 21              | 1105231            | Screw 8x22               |
| 22              | 1105327            | Washer 8x32              |
| 23              | 1330010            | Belt Ø 10 x 710          |
| 24              | 22301010           | Pulley fixing pivot      |
| 25              | 1105703            | Inside snap ring Ø 35    |
| 26              | 1390009            | Bearings 6202            |
| 27              | 1105124            | Nut M8                   |
| 28              | 1270003            | Adjusting bumper         |
| 29              | 1105181            | Screw 8x16               |
| 30              | 1105405            | Outer snap ring Ø 15     |
| 31              | 21101024           | Bushing                  |
| 32              | 2205009            | Rocker spring            |
| 33              | 22301008           | Hook for spring          |
| 34              | 21001001           | Shaft                    |
| 35              | 21101007           | Rocker                   |
| 36              | 23501001           | Flange                   |
| 37              | 21101013           | Bushing                  |
| 38              | 1105307            | Washer 15x28             |
| 39              | 21101023           | Bushing                  |
| 40              | 22501007           | Pulley                   |
| 41              | 1105162            | Screw 6x16               |
| 42              | 1105472            | Key 6x6x20               |
| 43              | 1105315            | Washer 21x37             |
| 44              | 1105422            | Outer snap ring Ø 20     |
| 45              | 1105222            | Screw 6x16               |
| 46              | 21201005           | Brush holder lock        |
| 47              | 1105326            | Washer 8x24              |
| 48              | 1105060            | Screw 8x10               |
| 49              | 22601026           | Brushblocker arm         |
| 50              | 22601027           | Brushblocker arm blocker |
| 51              | 22051002           | Brush pressing spring    |

| TKS710ET Silver Series Vacuum Sweeper - Broom Assembly |             |                                 |
|--------------------------------------------------------|-------------|---------------------------------|
| POSITION                                               | PART NUMBER | DESCRIPTION                     |
| 55                                                     | 1125004     | Clamp Ø7                        |
| 56                                                     | 1105231     | Screw 8x22                      |
| 57                                                     | 2190004     | Side brush lifting lever        |
| 58                                                     | 1105327     | Washer 8x32                     |
| 59                                                     | 2100012     | Ring for the side brush bearing |
| 60                                                     | 1260029     | Balls 11/32"                    |
| 61                                                     | 2100019N    | TK Side brush mov. toothed ring |
| 62                                                     | 2230034     | Pin for rocker                  |
| 63                                                     | 2110012N    | Bushing for bearings            |
| 64                                                     | 1390012     | Bearing 6005 2RS                |
| 65                                                     | 2100020     | Idle toothed ring               |
| 66                                                     | 1105416     | Outer snap ring Ø 25            |
| 67                                                     | 1105332     | Washer 12X48                    |
| 68                                                     | 2110042     | Spacer                          |
| 69                                                     | 2250079     | Pulley Ø 27X15                  |
| 70                                                     | 2330102     | Belt Ø 8 x 1000                 |
| 71                                                     | 1105326     | Washer 8x24                     |
| 72                                                     | 2260024     | Side brush support              |
| 73                                                     | 2250034     | Side brush dragging flange      |
| 74                                                     | 2350020     | Side brush                      |
| 75                                                     | 2250080     | Pulley Ø 30X15                  |
| 76                                                     | 1105160     | Screw 6x10                      |
| 77                                                     | 2130005     | Spacer                          |
| 78                                                     | 1390015     | Bearing HK 1412                 |
| 79                                                     | 2205400     | Spring                          |
| 80                                                     | 1330017     | SPZ 737 Belt                    |
| 81                                                     | 2250078     | Pulley                          |
| 82                                                     | 2130010     | Spacer Ø 12 h 7                 |
| 83                                                     | 2250077     | Belt tightener roll             |
| 84                                                     | 2190017     | Centre brush adjustment bracket |
| 85                                                     | 2205015     | Traction spring                 |
| 86                                                     | 1105412     | Outer snap ring Ø 8             |
| 87                                                     | 2230400     | Pivot                           |
| 88                                                     | 1250037     | Side bumper                     |
| 89                                                     | 2125400     | Sheathing                       |
| 90                                                     | 2260409     | Support                         |
| 91                                                     | 1105234     | Screw 6x10                      |
| 92                                                     | 1105516     | Screw 6x25                      |
| 93                                                     | 1105306     | Washer 12x24                    |
| 94                                                     | 2230019     | Pin                             |

## TK 1000RIDER SWEEPER - Control Assembly



## TK 1000RIDER SWEEPER - Control Assembly

| POSITION | PART NUMBER | DESCRIPTION                  |
|----------|-------------|------------------------------|
| 1        | 23101007    | Dashboard with hourmeter     |
| 2        | 1180012     | Complete horn button         |
| 3        | 13801001    | Complete key switch          |
| 4        | 21801013    | 3 Pos. turner                |
| 5        | 21801025    | Electr.board SC 1000 CD/A    |
| 6        | 21801015    | Functions board SC 1000 CS/A |
| 6/A      | 21801012    | 2 Pos. turner                |
| 7        | 6911019     | Adhesive board               |
| 8        | 1180016     | Cable for battery bridge     |
| 9        | 1180015     | Battery 6V 240 Ah            |
| 10       | 2120153     | Battery bearer               |
| 11       | 21801008    | Main cable                   |

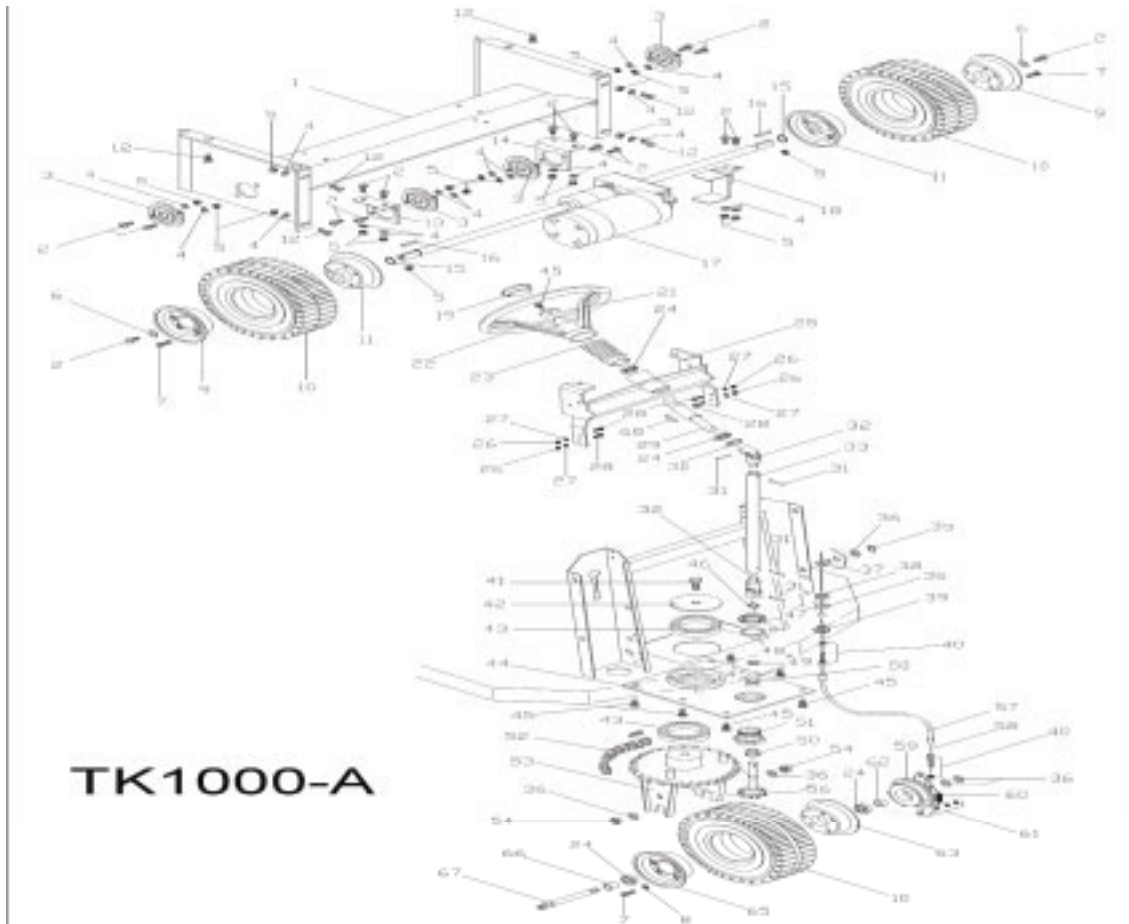


**TK 1000RIDER SWEEPER - Control Assembly**

| <b>POSITION</b> | <b>PART NUMBER</b> | <b>DESCRIPTION</b>              |
|-----------------|--------------------|---------------------------------|
| 12              | 21801007           | Main cable                      |
| 13              | 1380032            | Complete battery unplugging key |
| 13A             | 1380055            | RED Battery unplugging key      |
| 14              | 1105133            | Nut M6                          |
| 15              | 21101026           | Bushing                         |
| 16              | 1105303            | Washer 6x12                     |
| 17              | 1105513            | Screw 6x40                      |
| 18              | 1105030            | Screw 5x20                      |
| 19              | 1380008            | Connector for battery charger   |
| 20              | 13201006           | Gas pedal cover                 |
| 21              | 22601029           | Gas pedal                       |
| 22              | 1105134            | Nut M8                          |
| 23              | 21801016           | Speed Powermeter                |
| 24              | 1380001            | Micro side brush                |
| 25              | 22501011           | Powermeter gear                 |
| 26              | 22501006           | Accelerator gear                |
| 27              | 1380033            | Horn                            |
| 28              | 1105361            | Screw 6,3x19                    |
| 29              | 1105495            | Screw 3x25                      |
| 30              | 1105120            | Nut M3                          |
| 31              | 13201007           | Brake pedal cover               |
| 32              | 1105326            | Washer 8x24                     |
| 33              | 2230005            | Pivot                           |
| 34              | 2230015            | Spring coupling pivot           |
| 35              | 1105065            | Screw 8x30                      |
| 36              | 22051007           | Spring                          |
| 37              | 21101019           | Bushing                         |
| 38              | 1105066            | Screw 8x35                      |
| 39              | 21101006           | Bushing                         |
| 40              | 21101012           | Bushing                         |
| 41              | 22301004           | Pivot                           |
| 42              | 22301007           | Pivot                           |
| 43              | 1105484            | Dowel 6x6                       |
| 44              | 22601008           | Brake pedal                     |
| 45              | 2205005            | Spring                          |
| 46              | 2230012            | Pivot                           |
| 47              | 22601002           | Security brake pedal            |
| 48              | 1105410            | Outer snap ring Ø10             |

| TK 1000RIDER SWEEPER - Control Assembly |             |                       |
|-----------------------------------------|-------------|-----------------------|
| POSITION                                | PART NUMBER | DESCRIPTION           |
| 49                                      | 21801018    | Micro for accelerator |
| 50                                      | 21101005    | Bushing               |
| 51                                      | 21801017    | Command board         |
| 52                                      | 1105022     | Screw 5x16            |
| 53                                      | 1105302     | Washer 5x10           |
| 54                                      | 1105122     | Nut M5                |
| 55                                      | 21801019    | Speed control board   |
| 56                                      | 21801020    | Relais board          |
| 57                                      | 1180019     | 24V Flashing light    |

## TK1000 RIDERSWEEPER - Wheel Assembly



## TK1000 RIDERSWEEPER - Wheel Assembly

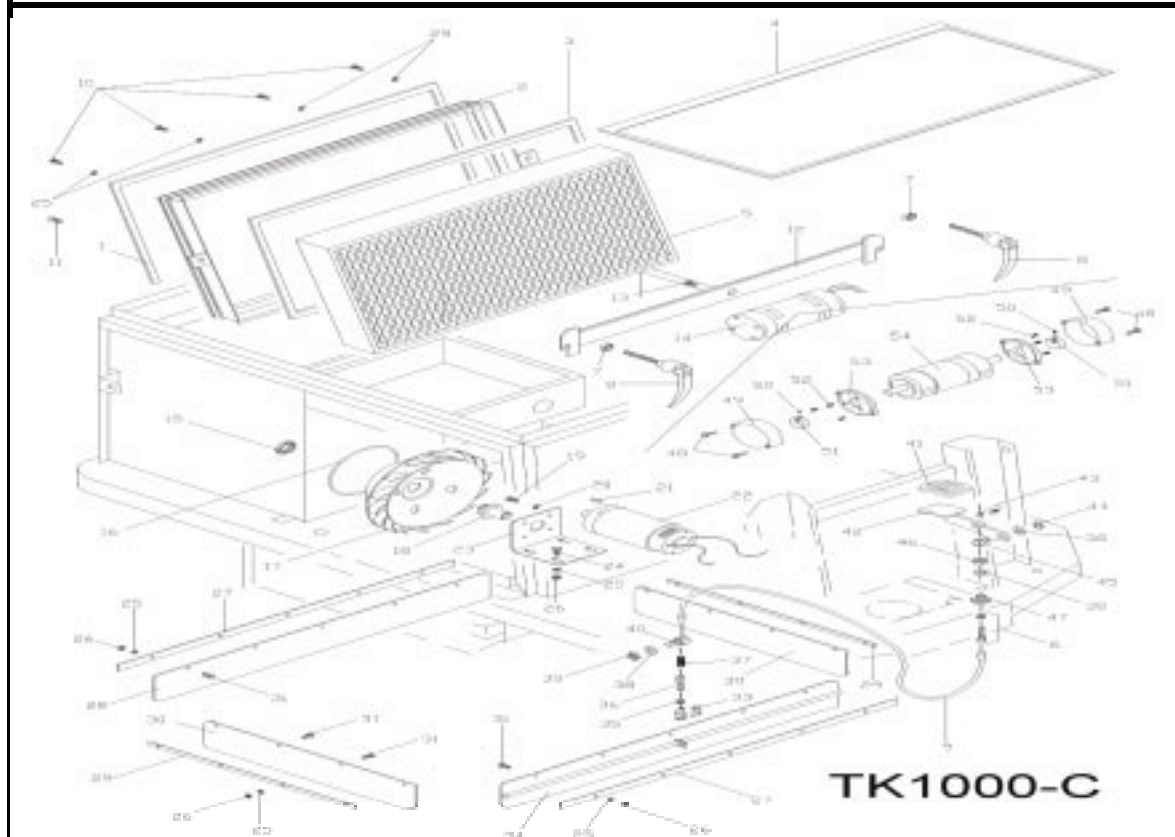
| POSITION | PART NUMBER | DESCRIPTION                     |
|----------|-------------|---------------------------------|
| 1        | 22601012    | Backside shaft bearer           |
| 2        | 1105231     | Screw 8x22                      |
| 3        | 1390023     | 204 SBFL Stand                  |
| 4        | 1105304     | Washer 8x17                     |
| 5        | 1105134     | Locknut M8                      |
| 6        | 1105327     | Washer 8x32                     |
| 7        | 1105552     | Screw 8x25                      |
| 8        | 1105750     | Washer 8x14                     |
| 9        | 22501005    | Backside tyre outer hub         |
| 10       | 1160075     | Tyres                           |
| 11       | 22501003    | Backside tyre outer hub         |
| 12       | 1105181     | Screw 8x16                      |
| 13       | 22601011    | Left axle support back bracket  |
| 14       | 22601011    | Right axle support back bracket |

### TK1000 RIDERSWEEPER - Wheel Assembly

| POSITION | PART NUMBER | DESCRIPTION                    |
|----------|-------------|--------------------------------|
| 15       | 1105411     | Outer snap ring Ø 17           |
| 16       | 1105468     | Key 6x6x30                     |
| 17       | 1340018     | Reduction gear                 |
| 18       | 22601024    | Reduction gear support bracket |
| 19       | 13201002    | Steering wheel's cap           |
| 20       | 1105361     | Screw 6,3x19                   |
| 21       | 1105329     | Washer 10x40                   |
| 22       | 13201001    | Steer                          |
| 23       | 13201009    | Steer damper                   |
| 24       | 1390009     | Bearings 6202 2RS              |
| 25       | 22601025    | Dashboard support              |
| 26       | 1105133     | Locknut M6                     |
| 27       | 1105324     | Washer 6x18                    |
| 28       | 1105162     | Screw 6x16                     |
| 29       | 21001003    | Steer shaft                    |
| 30       | 1105703     | Inner snap ring Ø 35           |
| 31       | 1105603     | Elastic pin 5x25               |
| 32       | 1255005     | Universal joint                |
| 33       | 21001006N   | Shaft                          |
| 35       | 1105420     | Outer snap ring Ø12            |
| 36       | 1105306     | Washer 12x24                   |
| 37       | 22301003    | Cable fixing pivot             |
| 38       | 1105126     | Locknut M12                    |
| 39       | 22301009    | Cable centering pivot          |
| 40       | 1105229     | Turned adjuster                |
| 41       | 1105097     | Screw 16x20                    |
| 42       | 21501001    | Closing flange                 |
| 43       | 1390019     | Bearings 51112                 |
| 44       | 21501004    | Trasco joint blocking flange   |
| 45       | 1105232     | Screw 10x16                    |
| 46       | 1105405     | Outer snap ring Ø15            |
| 47       | 1165009     | Ring nut M35x1,5               |
| 48       | 21301003    | Spacer                         |
| 49       | 1105952     | Shim 15x22x0,5                 |
| 50       | 21101002    | Bushing                        |
| 51       | 21101004    | Bushing                        |
| 52       | 23301001    | Chain                          |
| 53       | 22601009    | Front wheel stand              |

| TK1000 RIDERSWEEPER - Wheel Assembly |             |                              |
|--------------------------------------|-------------|------------------------------|
| POSITION                             | PART NUMBER | DESCRIPTION                  |
| 54                                   | 1105136     | Locknut M12                  |
| 55                                   | 1125022     | Sheath blocking clamp        |
| 56                                   | 22301005    | Backsending pivot            |
| 57                                   | 21251000    | Brake's cable sheath         |
| 58                                   | 21251003    | Brake's cable                |
| 59                                   | 1250072     | Brake                        |
| 60                                   | 22051005    | Brake spring                 |
| 61                                   | 1125020     | Clamp                        |
| 62                                   | 21301002    | Spacer                       |
| 63                                   | 22501002    | Front wheel hub (Brake side) |
| 65                                   | 22501004    | Front wheel hub              |
| 66                                   | 21301001    | Spacer                       |
| 67                                   | 22301002    | Front wheel pivot            |
| 68                                   | 1105464     | Key 5x5x25                   |

## TK 1000 RIDER SWEEPER - Filter Assembly



## TK 1000 RIDER SWEEPER - Filter Assembly

| POSITION | PART NUMBER | DESCRIPTION                |
|----------|-------------|----------------------------|
| 1        | 23101002    | Drawer's mousse kit        |
| 2        | 22701006    | Filterbearing frame        |
| 3        | 23101004    | Mousse gasket kit          |
| 4        | 23101005    | Upper mousse kit           |
| 5        | 2360004     | Panel filter               |
| 6        | 1105229     | Turned adjuster            |
| 7        | 1105220     | Nut M8                     |
| 8        | 23101056    | Unlooking filter handle    |
| 9        | 21251002    | Cable sheathing            |
| 10       | 1105236     | Screw 6x16                 |
| 11       | 1105502     | Screw 6x16                 |
| 12       | 22601060    | Filer shaker motor support |
| 13       | 1105232     | Screw 10X16                |
| 14       | 2300396     | Motorvibrator              |
| 15       | 1165008     | Nut ring M 25x1,5          |
| 16       | 21601005    | Fan hole joint             |
| 17       | 1290009     | Fan                        |

| TK 1000 RIDER SWEEPER - Filter Assembly |             |                           |
|-----------------------------------------|-------------|---------------------------|
| POSITION                                | PART NUMBER | DESCRIPTION               |
| 18                                      | 21101009    | Fan's bushing             |
| 19                                      | 1105023     | Screw 5x12                |
| 20                                      | 1105323     | Washer 5x20               |
| 21                                      | 1105466     | Key 4x4x15                |
| 22                                      | 1340014     | Electric motor 24V - 180W |
| 23                                      | 22601019    | Fan's motor support       |
| 24                                      | 1105162     | Screw 6x16                |
| 25                                      | 1105324     | Washer 6x18               |
| 26                                      | 1105133     | Nut M6                    |
| 27                                      | 21501007    | Front/back. Flap blocker  |
| 28                                      | 21601002    | Fixed backside flap       |
| 29                                      | 21501008    | Side flaps blocker        |
| 30                                      | 21601004    | Side flaps                |
| 31                                      | 1105222     | Screw 6x16                |
| 33                                      | 11051100    | Clamp for fork M6         |
| 34                                      | 21601003    | Adjustable front fork     |
| 35                                      | 1105123     | Nut M6                    |
| 36                                      | 21251005    | Flap lifting cable        |
| 37                                      | 22051001    | Flap lifting spring       |
| 38                                      | 1105306     | Washer 12x24              |
| 39                                      | 1105136     | Nut M12                   |
| 40                                      | 22301013    | Pivot                     |
| 41                                      | 13201007    | Pedal cover               |
| 42                                      | 22601001    | Flap lifting pedal        |
| 43                                      | 1125004     | Clamp                     |
| 44                                      | 1105420     | Outer snap ring Ø12       |
| 45                                      | 22301003    | Cable fixing pivot        |
| 46                                      | 1105126     | Nut M12                   |
| 47                                      | 22301009    | Pivot                     |
| 48                                      | 1105365     | Screw 3,9x32              |
| 49                                      | 2120288     | Protection cover          |
| 50                                      | 1105482     | Dowel 6x5                 |
| 51                                      | 2110045     | Bushing                   |
| 52                                      | 1105781     | Screw 4 x 12              |
| 53                                      | 2150031     | Motor flange              |
| 54                                      | 1340029     | Motor 24V - 35W           |



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# Eagle Power<sup>TM</sup>

## Products Group

### Warranty Policy

#### Limited Warranty

**Eagle Power Products (EPP) warrants new cleaning equipment against defects in material and workmanship under normal use and service to the original purchaser as detailed below.**

#### 10 Years

**Subject to the conditions stated below, EPP warrants polyethylene tanks and housings to be free from defects in materials and workmanship for a period of ten years.**

#### 3 Years

**Subject to the conditions stated below, EPP warrants all automatic scrubber components to be free from defects in materials and workmanship for a 3-year period. Parts replaced or repaired are warranted for the remainder of the original warranty period.**

#### 1 Year

**Subject to the conditions stated below, EPP warrants all other cleaning equipment components to be free from defects in materials and workmanship for a 1-year period. Parts replaced or repaired are warranted for the remainder of the original warranty period.**

**Batteries are prorated for one year.**

**EPP will furnish and charge for replacement parts, including transportation, to the original owner through an EPP authorized service center. If the part is returned within 30 days and is found defective, the owner will be credited for the cost of the replacement part including shipping and handling.**

Labor charges are covered for one year from the date of purchase if provided by an authorized EPP service center. Travel is covered for 90 days for battery operated equipment only.

Wear items exempt from warranty include belts, carbon brushes, power cords, wheels, pad drivers, clutch plates, brushes, pads, handle grips, filters, screens, throttle cables, and squeegees.

This warranty shall not apply to failures caused by misuse or abuse, improper maintenance as stated in the operation manuals, use of unauthorized repair parts, repairs by other than an EPP authorized service center, and damage in transit.

EPP disclaims and denies any liability for any direct, indirect, special incidental or consequential damage which may be suffered as a result of sale, delivery, servicing, use, loss of any product, downtime, labor, freight, or other charges not expressly included herein.

Date Purchased: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Please be sure to record this information. This information will be necessary for future warranty claims.



1174 Northland Drive Mendota Heights, MN 55120  
651.686.5399 Fax 651.686.5695  
www.eaglepower.com

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