

## B450 Brushcutter

### B450 Desmalezadora



#### SERIAL NUMBERS / NÚMEROS DE SERIE

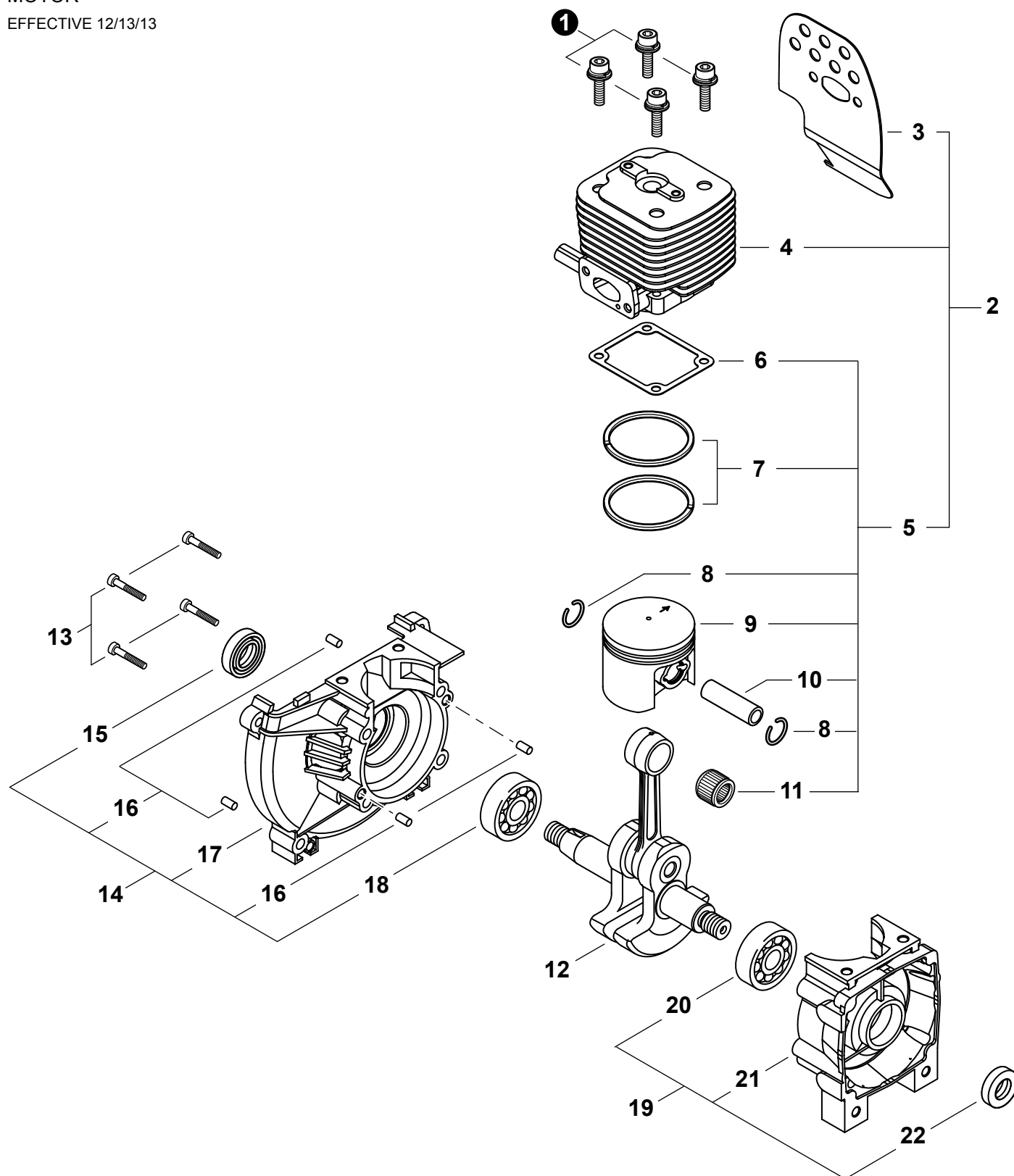
9010001-9099999

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| <b>ENGINE</b> .....2              | <b>MAIN PIPE - FIXED S/N 9010001-9091049</b> ..... 12  |
| MOTOR                             | TUBO PRINCIPAL - FIJO N/S 9010001-9091049              |
| <b>ENGINE</b> .....3              | <b>MAIN PIPE - ROTARY S/N 9091050-9099999</b> ..... 13 |
| MOTOR                             | TUBO PRINCIPAL - GIRATORIO N/S 9091050-9099999         |
| <b>FAN COVER</b> .....4           | <b>MAIN PIPE</b> ..... 14                              |
| CUBIERTA DEL VENTILADOR           | TUBO PRINCIPAL                                         |
| <b>ENGINE COVER</b> .....5        | <b>HANDLEBAR</b> ..... 15                              |
| CUBIERTA DEL MOTOR                | MANUBRIO                                               |
| <b>CLUTCH</b> .....5              | <b>THROTTLE CONTROL S/N 9010001-7020000</b> ..... 16   |
| EMBRAGUE                          | CONTROL DEL ACELERADOR N/S 9010001-7020000             |
| <b>EXHAUST</b> .....6             | <b>THROTTLE CONTROL S/N 7020001-9099999</b> ..... 17   |
| ESCAPE                            | CONTROL DEL ACELERADOR N/S 7020001-9099999             |
| <b>INTAKE</b> .....7              | <b>DEBRIS SHIELD S/N 9010001-5050000</b> ..... 18      |
| ADMISIÓN                          | PROTECTOR CONTRA RESIDUOS N/S 9010001-5050000          |
| <b>AIR FILTER</b> .....8          | <b>DEBRIS SHIELD S/N 5050001-9099999</b> ..... 19      |
| FILTRO DE AIRE                    | PROTECTOR CONTRA RESIDUOS N/S 5050001-9099999          |
| <b>IGNITION / FLYWHEEL</b> .....9 | <b>GEAR CASE</b> ..... 20                              |
| ENCENDIDO / VOLANTE               | CAJA DE ENGRANAJES                                     |
| <b>RECOIL STARTER</b> .....10     | <b>TOOLS</b> ..... 21                                  |
| ARRANCADOR AUTORRETRACTIL         | HERRAMIENTAS                                           |
| <b>FUEL SYSTEM</b> .....11        | <b>CARBURETOR DPV11W-19B</b> ..... 22                  |
| SISTEMA DE COMBUSTIBLE            | CARBURADOR DPV11W-19B                                  |
|                                   | <b>CARBURETOR DPV11W-19B</b> ..... 23                  |
|                                   | CARBURADOR DPV11W-19B                                  |

# ENGINE

## MOTOR

EFFECTIVE 12/13/13



\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**ENGINE****MOTOR**

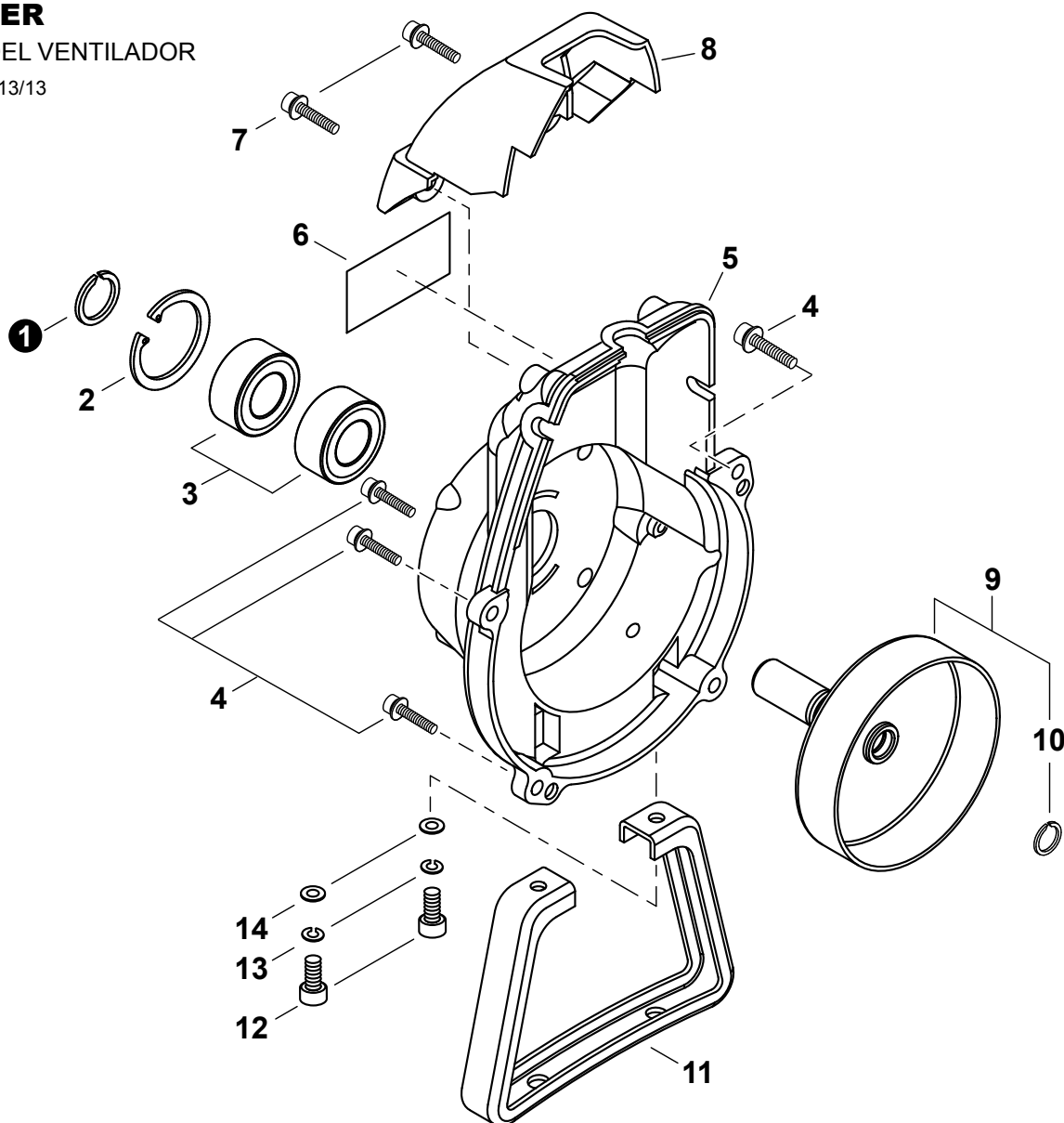
EFFECTIVE 12/13/13

| NO.       | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION               | DESCRIPCIÓN                           |
|-----------|-------------------|--------------------|----------|---------------------------|---------------------------------------|
| 1         | 9112205025        |                    | 4        | BOLT M5×25                | PERNO M5×25                           |
| <b>2</b>  | <b>P021027040</b> | <b>60020-98310</b> | <b>1</b> | <b>REPAIR KIT, ENGINE</b> | <b>JUEGO DE REPARACIÓN DE MOTORES</b> |
| 3         | V104001330        | 70210-15212        | 1        | +SHIELD, EXHAUST HEAT     | +PROTECTOR TÉRMICO ESCAPE             |
| 4         | A130001340        | 70210-12111        | 1        | +CYLINDER                 | +CILINDRO                             |
| <b>5</b>  | <b>99909-450</b>  | <b>99909-450</b>   | <b>1</b> | <b>+PISTON KIT</b>        | <b>+JUEGO DE PISTÓN</b>               |
| 6         | V100000470        | 20010-12121        | 1        | ++GASKET, CYLINDER        | ++EMPAQUETADURA DE CILINDRO           |
| 7         | A101000360        | 22182-41210        | 2        | ++RING, PISTON            | ++ANILLOS DEL PISTÓN                  |
| 8         | V580000110        | 22100-41230        | 2        | ++RING, SNAP              | ++ANILLO RETENEDOR                    |
| 9         | A100000670        | 70210-41110        | 1        | ++PISTON                  | ++PISTÓN                              |
| 10        | V608000050        | 22160-41220        | 1        | ++PIN, PISTON             | ++PASADOR DEL PISTÓN                  |
| 11        | V555000140        | 22160-41240        | 1        | ++BEARING, NEEDLE         | ++COJINETE DE AGUJAS                  |
| 12        | A011000830        | 70210-42001        | 1        | CRANKSHAFT                | CIGÜEÑAL                              |
| 13        | 90010505030       | 01020-05300        | 4        | BOLT 5×30                 | PERNO 5×30                            |
| <b>14</b> | <b>P021030050</b> | <b>70062-21200</b> | <b>1</b> | <b>CRANKCASE ASSY, M</b>  | <b>MONTAJE DE CÁRTER M</b>            |
| 15        | V508000050        | 20010-21211        | 1        | +SEAL, OIL 15             | +SELLO DE ACEITE 15                   |
| 16        | 90033050100       | 12492-50100        | 4        | +PIN, LOCATING 5×10       | +PASADOR DE POSICIONAMIENTO 5×10      |
| 17        | A120000360        | 72921-21121        | 1        | +CRANKCASE M              | +CARTER M                             |
| 18        | V592000290        | 12900-62020        | 1        | +BEARING, BALL 6202 C3    | +COJINETE DE BALINES 6202 C3          |
| <b>19</b> | <b>P021033430</b> | <b>72935-21101</b> | <b>1</b> | <b>CRANKCASE ASSY, S</b>  | <b>MONTAJE DE CÁRTER S</b>            |
| 20        | V592000290        | 12900-62020        | 1        | +BEARING, BALL 6202 C3    | +COJINETE DE BALINES 6202 C3          |
| 21        | A120000080        | 72935-21111        | 1        | +CRANKCASE S              | +CARTER S                             |
| 22        | V508000050        | 20010-21211        | 1        | +SEAL, OIL 15             | +SELLO DE ACEITE 15                   |

**FAN COVER**

CUBIERTA DEL VENTILADOR

EFFECTIVE 12/13/13



| NO.      | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION              | DESCRIPCIÓN                       |
|----------|-------------------|--------------------|----------|--------------------------|-----------------------------------|
| 1        | V583000180        | 20011-31230        | 1        | RING, SNAP               | ANILLO RETENEDOR                  |
| 2        | 9242432000        | 02432-32120        | 1        | RING, SNAP Ø32           | ANILLO RETENEDOR Ø32              |
| 3        | 90080206002       | 02006-06002        | 2        | BEARING, BALL 6002 DDU   | COJINETE DE BALINES 6002 DDU      |
| 4        | V203000350        | 11022-05200        | 4        | BOLT M5×20               | PERNO M5×20                       |
| 5        | A172001300        | 70012-31111        | 1        | COVER, FAN               | CUBIERTA DEL VENTILADOR           |
| 6        | X543001390        | 70210-31150        | 1        | LABEL, TRADE             | ETIQUETA DE IDENTIFICACIÓN        |
| 7        | V202000300        | 11024-04160        | 2        | BOLT M4×16               | PERNO M4×16                       |
| 8        | A162000190        | 70131-34100        | 1        | GUARD, TOP               | PROTECTOR                         |
| <b>9</b> | <b>A055000020</b> | <b>20021-31200</b> | <b>1</b> | <b>DRUM ASSY, CLUTCH</b> | <b>MONTAJE DE TAMBOR EMBRAGUE</b> |
| 10       | V582000090        | 20021-31220        | 1        | +RING, SNAP Ø11.4        | +ANILLO RETENEDOR Ø11.4           |
| 11       | A175000180        | 70200-33112        | 1        | STAND                    | SOPORTE                           |
| 12       | V203000910        | 70210-33120        | 2        | BOLT 5                   | PERNO 5                           |
| 13       | 90060500005       | 01600-05131        | 2        | WASHER, SPRING 5         | ARANDELA DE PRESION 5             |
| 14       | 90060300005       | 01613-05080        | 2        | WASHER 5.5×12×0.8        | ARANDELA 5.5×12×0.8               |

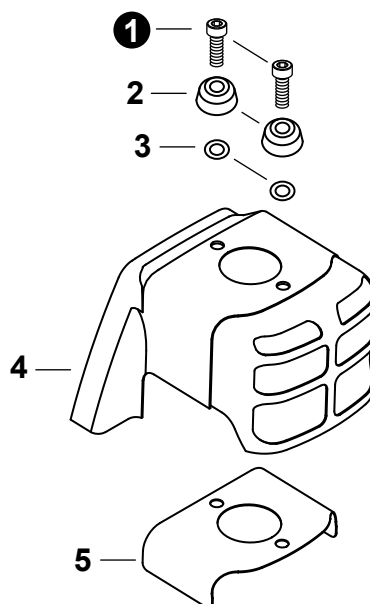
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**ENGINE COVER**

CUBIERTA DEL MOTOR

EFFECTIVE 12/13/13

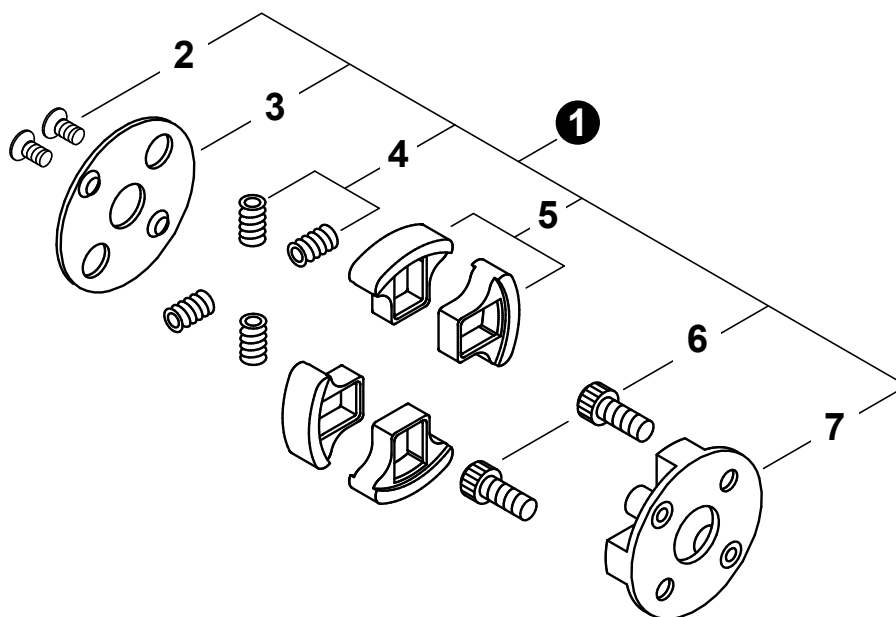


| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION   | DESCRIPCIÓN        |
|-----|-------------|---------------|------|---------------|--------------------|
| 1   | V203000840  | 11020-05140   | 2    | BOLT M5×14    | PERNO M5×14        |
| 2   | A459000020  | 70196-32160   | 2    | COVER         | TAPA               |
| 3   | V340000260  | 70196-32150   | 2    | WASHER        | ARANDELA           |
| 4   | A160001640  | 70210-32111   | 1    | COVER, ENGINE | CUBIERTA DEL MOTOR |
| 5   | V101000020  | 70196-32141   | 1    | SHIELD, HEAT  | PROTECTOR TÉRMICO  |

**CLUTCH**

EMBRAGUE

EFFECTIVE 12/13/13



| NO. | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION        | DESCRIPCIÓN                |
|-----|-------------------|--------------------|----------|--------------------|----------------------------|
| 1   | <b>A056000451</b> | <b>70210-51100</b> | <b>1</b> | <b>CLUTCH ASSY</b> | <b>MONTAJE DE EMBRAGUE</b> |
| 2   | V203000880        | 70210-51160        | 2        | +BOLT 5            | +PERNO 5                   |
| 3   | A551000120        | 20020-51140        | 1        | +PLATE, CLUTCH     | +PLACA DE EMBRAGUE         |
| 4   | A566000220        | 20020-51131        | 4        | +SPRING, CLUTCH    | +RESORTE DE EMBRAGUE       |
| 5   | A555000130        | 20020-51121        | 4        | +SHOE, CLUTCH      | +ZAPATA DE EMBRAGUE        |
| 6   | A557000120        | 20020-51150        | 2        | +BOLT, CLUTCH      | +PERNO DE EMBRAGUE         |
| 7   | A552000121        | 20020-51112        | 1        | +BOSS, CLUTCH      | +SALIENTE EMBRAGUE         |

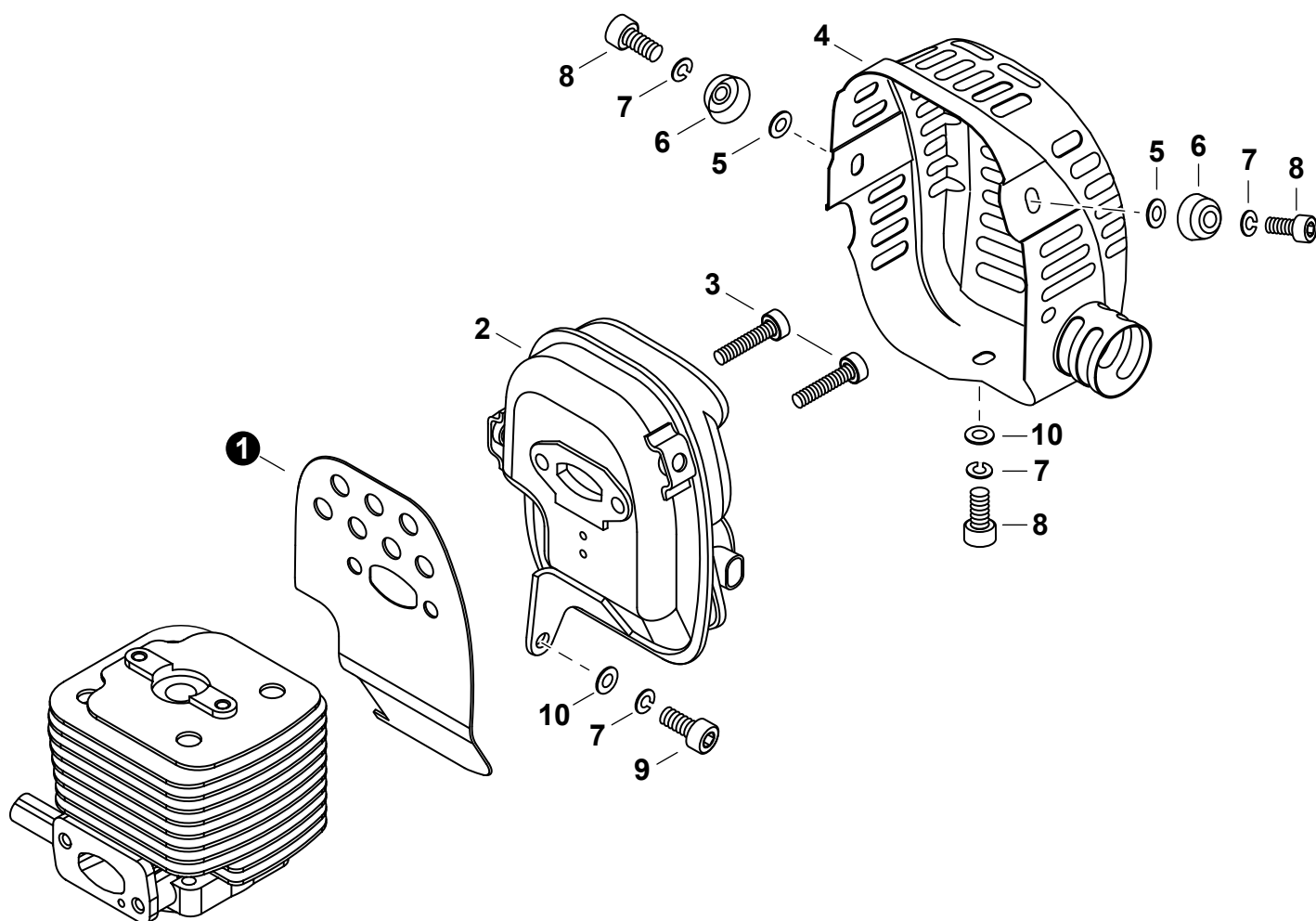
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**EXHAUST**

ESCAPE

EFFECTIVE 12/13/13



| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION          | DESCRIPCIÓN              |
|-----|-------------|---------------|------|----------------------|--------------------------|
| 1   | V104001330  | 70210-15212   | 1    | SHIELD, EXHAUST HEAT | PROTECTOR TÉRMICO ESCAPE |
| 2   | A030000260  | 62022-15100   | 1    | MUFFLER              | SILENCIADOR              |
| 3   | V204000440  | 70210-15320   | 2    | BOLT 6               | PERNO 6                  |
| 4   | A320000760  | 70210-15311   | 1    | COVER, MUFFLER       | CUBIERTA DEL SILENCIADOR |
| 5   | V340000260  | 70196-32150   | 2    | WASHER               | ARANDELA                 |
| 6   | A459000020  | 70196-32160   | 2    | COVER                | TAPA                     |
| 7   | 90060500005 | 01600-05131   | 4    | WASHER, SPRING 5     | ARANDELA DE PRESION 5    |
| 8   | 90010905010 | 01020-05105   | 3    | BOLT 5×10            | PERNO 5×10               |
| 9   | V203000900  | 70210-15330   | 1    | BOLT 5               | PERNO 5                  |
| 10  | 90060300005 | 01613-05080   | 2    | WASHER 5.5×12×0.8    | ARANDELA 5.5×12×0.8      |

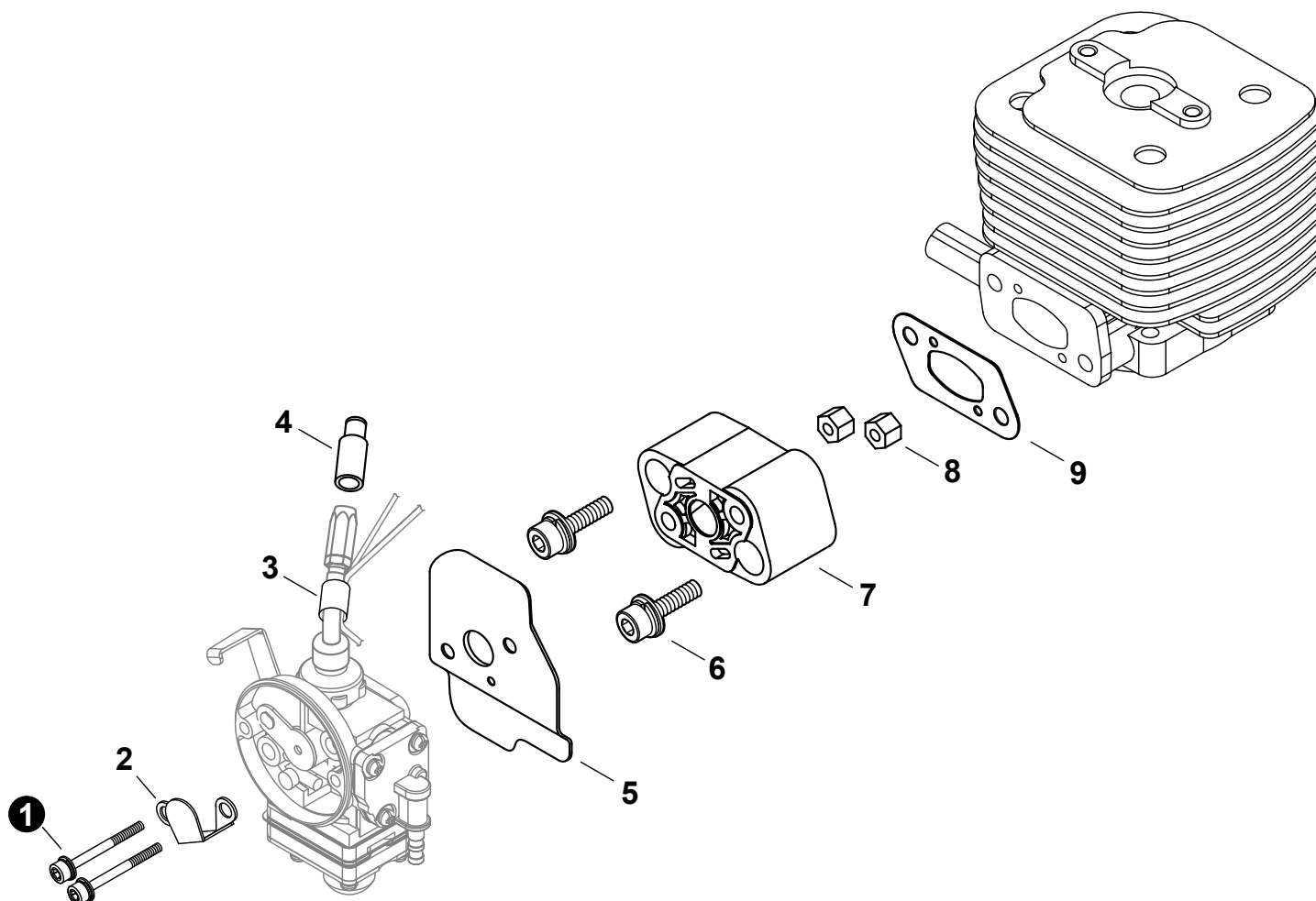
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**INTAKE**

ADMISIÓN

EFFECTIVE 12/13/13



| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION         | DESCRIPCIÓN                  |
|-----|-------------|---------------|------|---------------------|------------------------------|
| 1   | V203000890  | 11022-05550   | 2    | BOLT                | PERNO                        |
| 2   | A244000170  | 70131-81750   | 1    | PLATE               | PLACA                        |
| 3   | V475004760  | 20060-83180   | 1    | TUBE, PROTECTIVE    | TUBO DE PROTECCIÓN           |
| 4   | A246000020  | 20005-83160   | 1    | CAP, THROTTLE CABLE | TAPA DE CABLE DEL ACELERADOR |
| 5   | V103001010  | 20021-83411   | 1    | GASKET, CARBURETOR  | EMPAQUETADURA DE CARBURADOR  |
| 6   | V203000630  | 11022-05250   | 2    | BOLT M5×25          | PERNO M5×25                  |
| 7   | A200000640  | 20060-12210   | 1    | INSULATOR           | AISLADOR                     |
| 8   | V263000180  | 20024-12260   | 2    | NUT                 | TUERCA                       |
| 9   | V103000950  | 20011-12221   | 1    | GASKET, INTAKE      | EMPAQUETADURA DE ADMISIÓN    |

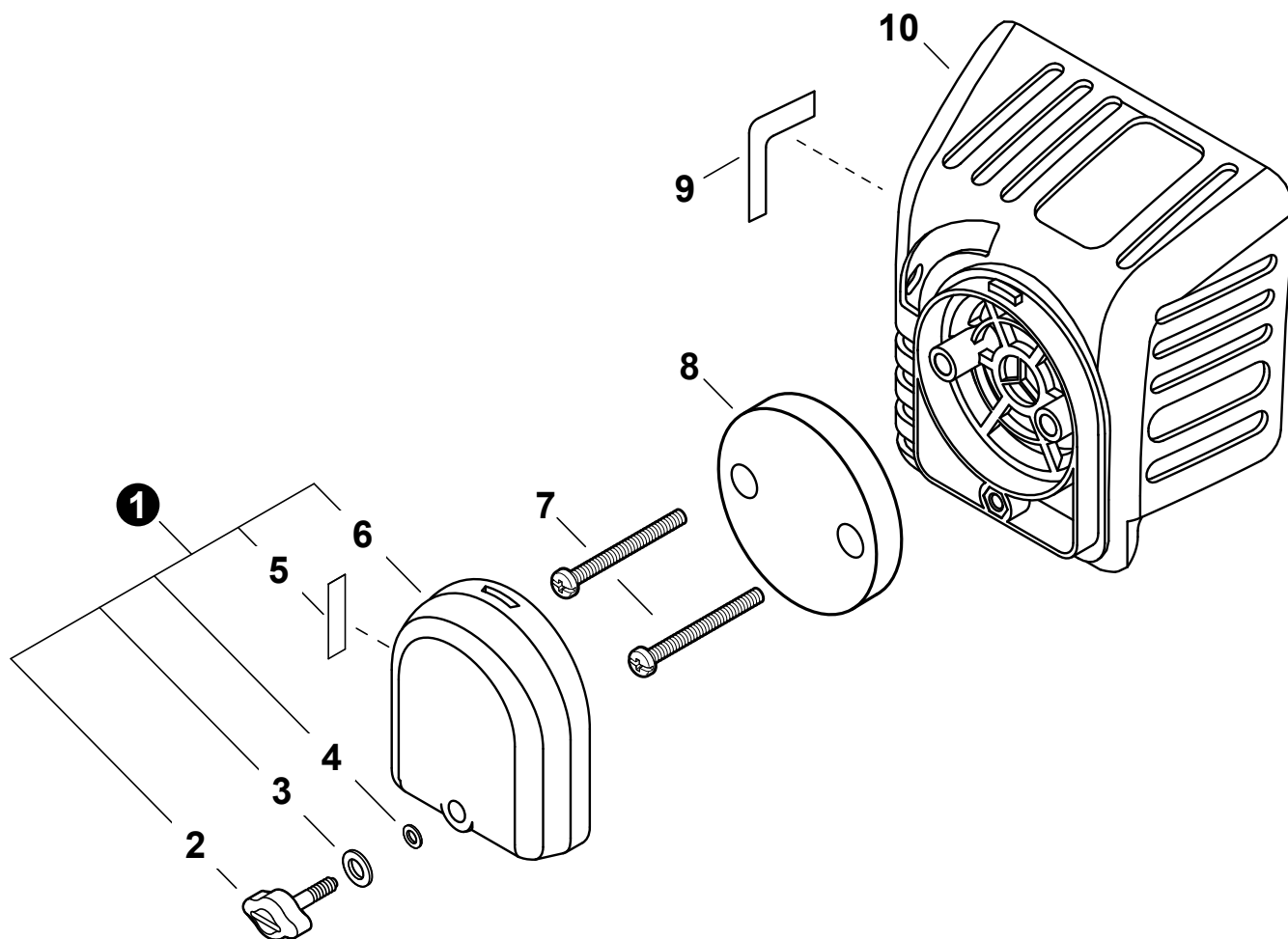
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**AIR FILTER**

FILTRO DE AIRE

EFFECTIVE 12/13/13



| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION            | DESCRIPCIÓN                           |
|-----|-------------|---------------|------|------------------------|---------------------------------------|
| 1   | A232000820  | 20060-81761   | 1    | COVER ASSY, AIR FILTER | MONTAJE DE CUBIERTA DE FILTRO DE AIRE |
| 2   | A235000220  | 20060-81781   | 1    | +THUMBSCREW            | +TORNILLO DE OREJETAS                 |
| 3   | V347000030  | 20024-81790   | 1    | +WASHER, CONE M6       | +ARANDELA                             |
| 4   | V581000200  | 22100-82430   | 1    | +O-RING                | +JUNTA TÓRICA                         |
| 5   | X506000130  | 19404-00008   | 1    | +LABEL, CHOKE          | +ETIQUETA DEL ESTRANGULADOR           |
| 6   | A232000830  | 20060-81770   | 1    | +COVER, AIR FILTER     | +CUBIERTA DEL FILTRO DE AIRE          |
| 7   | V252000200  | 11260-04250   | 2    | SCREW M4×25            | TORNILLO M4×25                        |
| 8   | A226000650  | 20056-81740   | 1    | FILTER, AIR            | FILTRO DE AIRE                        |
| 9   | X524002460  | 19404-00010   | 1    | LABEL, CARBURETOR      | ETIQUETA DE CARBURADOR                |
| 10  | A225000490  | 70102-81710   | 1    | CASE, AIR FILTER       | CAJA DEL FILTRO DE AIRE               |

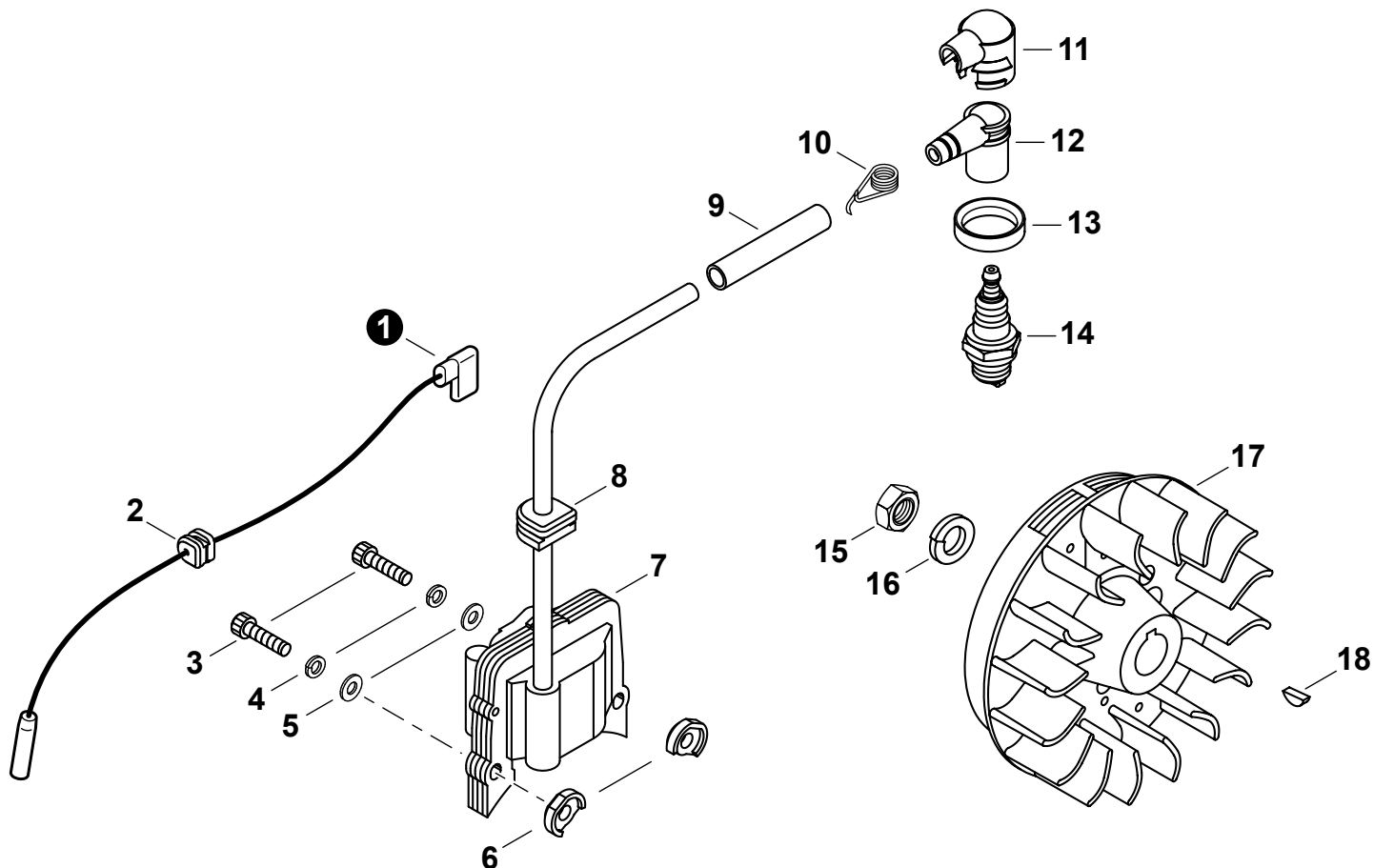
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**IGNITION / FLYWHEEL**

ENCENDIDO / VOLANTE

EFFECTIVE 12/13/13



| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION          | DESCRIPCIÓN             |
|-----|-------------|---------------|------|----------------------|-------------------------|
| 1   | A412000030  | 70200-71640   | 1    | LEAD - IGNITION      | CABLE DE ENCENDIDO      |
| 2   | V136000060  | 20011-72120   | 1    | GROMMET, LEAD        | OJAL DE CABLE CONDUCTOR |
| 3   | 9110004024  | 01020-04240   | 2    | BOLT M4×24           | PERNO M4×24             |
| 4   | 90060500004 | 01600-04101   | 2    | WASHER, SPRING 4mm   | ARANDELA DE PRESION 4mm |
| 5   | V302000010  | 20010-71650   | 2    | WASHER 4.3×9.6×0.8   | ARANDELA 4.3×9.6×0.8    |
| 6   | V352000140  | 20010-71631   | 2    | COLLAR 4             | COLLAR 4                |
| 7   | A411000780  | 70200-71610   | 1    | COIL, IGNITION       | BOBINA DE ENCENDIDO     |
| 8   | V135000080  | 20011-72110   | 1    | GROMMET              | OJAL                    |
| 9   | V475004880  | 20011-71660   | 1    | TUBE                 | TUBO                    |
| 10  | A426000050  | 20000-72230   | 1    | TERMINAL, SPARK PLUG | TERMINAL DE BUJÍA       |
| 11  | A429000110  | 20000-72241   | 1    | COVER, CAP           | TAPA                    |
| 12  | A427000090  | 20010-72221   | 1    | CAP, SPARK PLUG      | TAPA DE BUJÍA           |
| 13  | V495001440  | 20000-72250   | 1    | SEAL, SPARK PLUG     | SELLO DE BUJÍA          |
| 14  | CJ8         |               | 1    | SPARK PLUG - CJ8     | BUJÍA CJ8               |
| 15  | 90050300010 | 01511-10061   | 1    | NUT 10×1.25          | TUERCA 10×1.25          |
| 16  | 90060500010 | 01600-10251   | 1    | WASHER, SPRING 10    | ARANDELA DE PRESION 10  |
| 17  | A409000640  | 70200-71200   | 1    | FLYWHEEL             | VOLANTE                 |
| 18  | 9311503010  | 02403-03100   | 1    | KEY, WOODRUFF 3×10   | CHAVETA 3×10            |

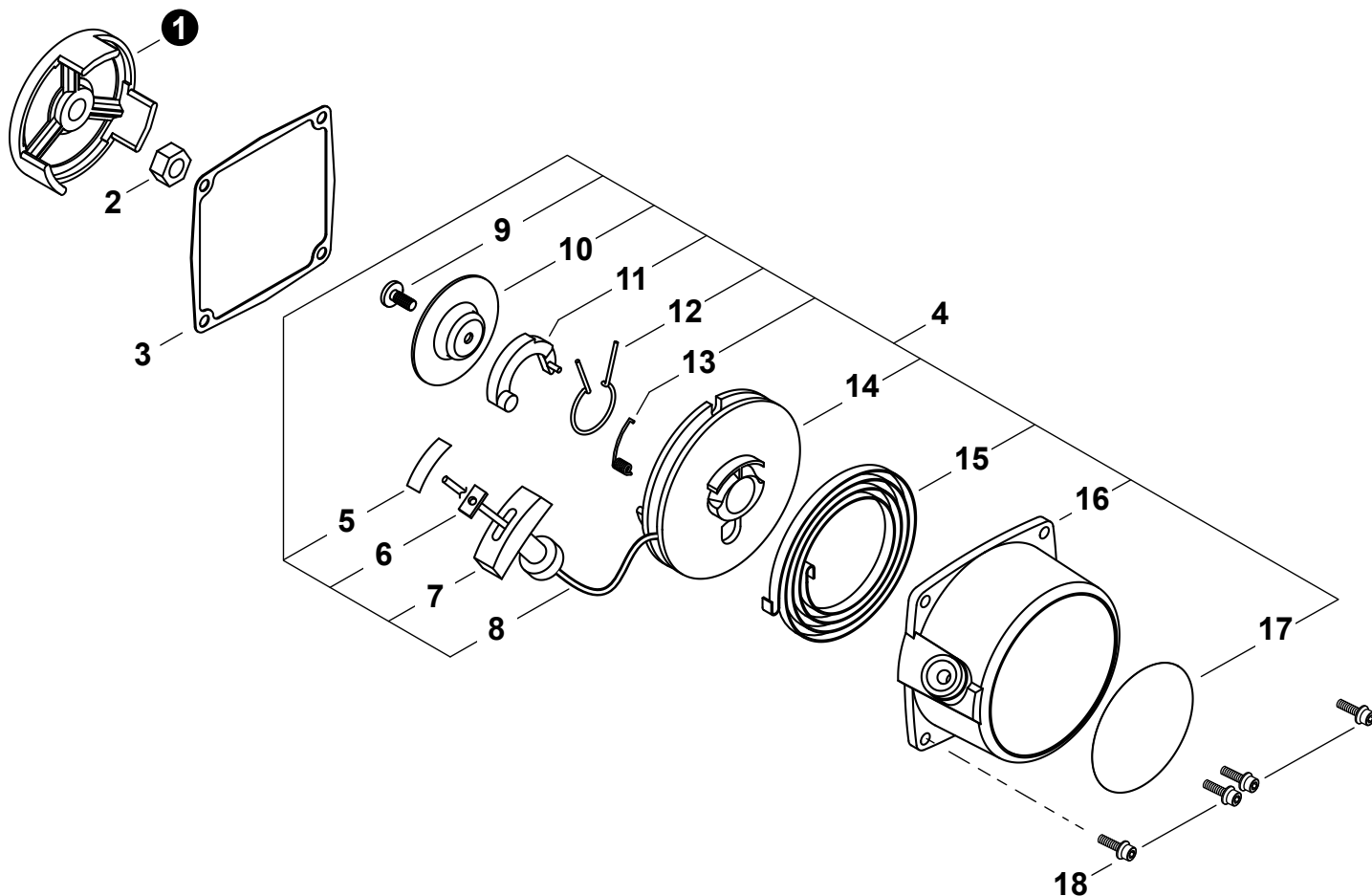
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**RECOIL STARTER**

ARRANCADOR AUTORRETRÁCTIL

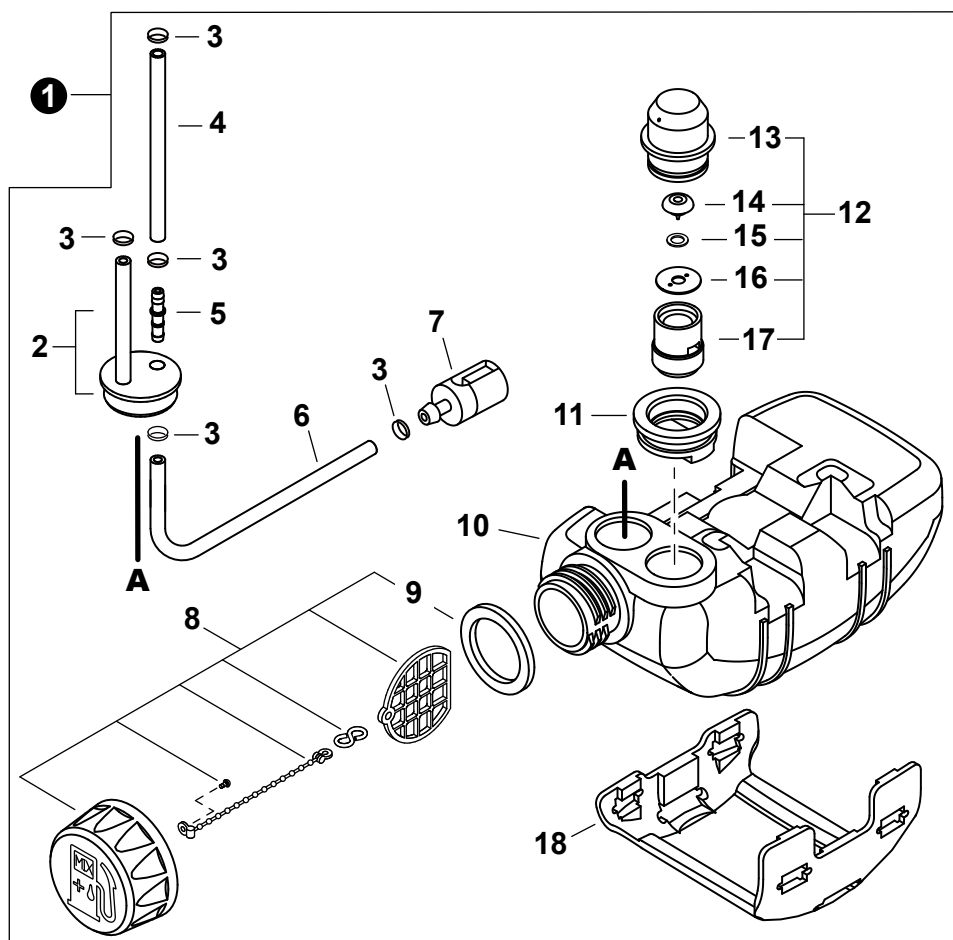
EFFECTIVE 12/13/13



| NO. | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION                 | DESCRIPCIÓN                                 |
|-----|-------------------|--------------------|----------|-----------------------------|---------------------------------------------|
| 1   | A520000170        | 70000-75230        | 1        | PULLEY, STARTER             | POLEA DEL ARRANCADOR                        |
| 2   | V265000170        | 20000-76210        | 1        | NUT M8×H5                   | TUERCA M8×H5                                |
| 3   | V105000030        | 20020-76111        | 1        | GASKET, RECOIL STARTER      | EMPAQUETADURA DEL ARRANCADOR AUTORRETRÁCTIL |
| 4   | <b>P021038310</b> | <b>70080-75100</b> | <b>1</b> | <b>STARTER ASSY, RECOIL</b> | <b>MONTAJE DE ARRANCADOR AUTORRETRÁCTIL</b> |
| 5   | X707000050        | 20010-75230        | 1        | +TAPE                       | +CINTA ADHESIVA                             |
| 6   | A522000040        | 20010-75210        | 1        | +RETAINER, ROPE             | +RETENEDOR DE CUERDA                        |
| 7   | A511000160        | 20010-75190        | 1        | +GRIP, STARTER              | +AGARRE DEL ARRANCADOR                      |
| 8   | A509000190        | 20020-75180        | 1        | +ROPE, STARTER              | +CUERDA DEL ARRANCADOR                      |
| 9   | V253000470        | 20000-75170        | 1        | +SCREW                      | +TORNILLO                                   |
| 10  | A518000050        | 20000-75150        | 1        | +PLATE, FRICTION            | +PLACA DE FRICCIÓN                          |
| 11  | A514000130        | 20000-75130        | 1        | +RATCHET                    | +TRINQUETE                                  |
| 12  | V452000550        | 20000-75160        | 1        | +SPRING, FRICTION           | +RESORTE DE FRICCIÓN                        |
| 13  | V452000560        | 20000-75220        | 1        | +SPRING, RETURN             | +RESORTE DE RETORNO                         |
| 14  | A506000270        | 20020-75120        | 1        | +REEL, ROPE                 | +CARRETE DEL CABLE                          |
| 15  | A504000140        | 20020-75140        | 1        | +SPRING, RECOIL             | +RESORTE RECULAR                            |
| 16  | A500000880        | 70020-75110        | 1        | +CASE, RECOIL STARTER       | +CAJA DEL ARRANCADOR AUTORRETRÁCTIL         |
| 17  | X504002770        | 19420-00027        | 1        | +LABEL, TRADE               | +ETIQUETA DE IDENTIFICACIÓN                 |
| 18  | V202000580        | 11022-04160        | 4        | BOLT M4×16                  | PERNO M4×16                                 |

\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

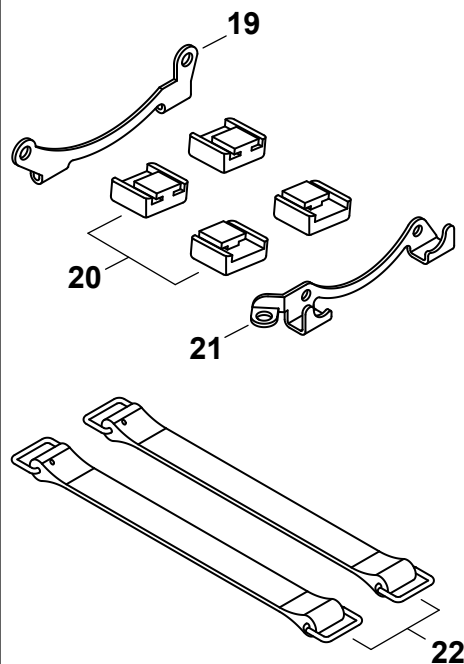
\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje



## FUEL SYSTEM

### SISTEMA DE COMBUSTIBLE

EFFECTIVE 12/13/13



| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION            | DESCRIPCIÓN                             |
|-----|-------------|---------------|------|------------------------|-----------------------------------------|
| 1   | A038000320  | 70200-85001   | 1    | TANK ASSY, FUEL        | MONTAJE DE TANQUE DE COMBUSTIBLE        |
| 2   | V137000080  | 70200-85350   | 1    | +GROMMET, FUEL W/ PIPE | +OJAL DE COMBUSTIBLE CON TUBO           |
| 3   | V490000500  | 20020-85540   | 5    | +CLIP Ø6               | +SUJETADOR Ø6                           |
| 4   | V471002650  | 70200-85310   | 1    | +PIPE, FUEL            | +TUBO DE COMBUSTIBLE                    |
| 5   | V186000230  | 72935-85330   | 1    | +CONNECTOR, PIPE       | +CONECTOR DE TUBO                       |
| 6   | V471002660  | 70200-85320   | 1    | +PIPE, FUEL            | +TUBO DE COMBUSTIBLE                    |
| 7   | A369000100  | 22169-35400   | 1    | +FILTER ASSY, FUEL     | +MONTAJE DE FILTRO DE COMBUSTIBLE       |
| 8   | A033000330  | 70168-85201   | 1    | +CAP ASSY, FUEL        | +MONTAJE DE TAPA DE COMBUSTIBLE         |
| 9   | V107000010  | 20000-85221   | 1    | ++GASKET, FUEL CAP     | ++EMPAQUETADURA DEL TAPA DE COMBUSTIBLE |
| 10  | A350001360  | 70200-85110   | 1    | +TANK, FUEL            | +TANQUE DE COMBUSTIBLE                  |
| 11  | V138000020  | 20000-85579   | 1    | +GROMMET, VENT         | +OJAL DE VÁLVULA                        |
| 12  | A039000020  | 20000-85500   | 1    | +VENT ASSY             | +VÁLVULA DE RESPIRADERO                 |
| 13  | A362000000  | 20000-85511   | 1    | ++CAP, VENT            | ++TAPA DE VENTILADOR                    |
| 14  | A356000090  | 22100-85260   | 1    | ++VENT ASSY            | ++VÁLVULA DE RESPIRADERO                |
| 15  | V303000170  | 22100-85250   | 1    | ++WASHER               | ++ARANDELA                              |
| 16  | A359000010  | 22100-85240   | 1    | ++RETAINER             | ++SUJETADOR                             |
| 17  | A358000030  | 20000-85521   | 1    | ++HOLDER, VENT         | ++SOPORTE DE RESPIRADERO                |
| 18  | A175000200  | 70005-86131   | 1    | +GUARD, FUEL TANK      | +PROTECTOR, TANQUE DE COMBUSTIBLE       |
| 19  | A393000190  | 20011-86120   | 1    | BRACKET M              | ABRAZADERA M                            |
| 20  | V420002390  | 20010-86130   | 4    | CUSHION, FUEL TANK     | AMORTIGUADOR DEL TANQUE DE COMBUSTIBLE  |
| 21  | A393000180  | 20021-86110   | 1    | BRACKET S              | ABRAZADERA S                            |
| 22  | A392000060  | 20020-86140   | 2    | STRAP, FUEL TANK       | CORREA DEL TANQUE                       |

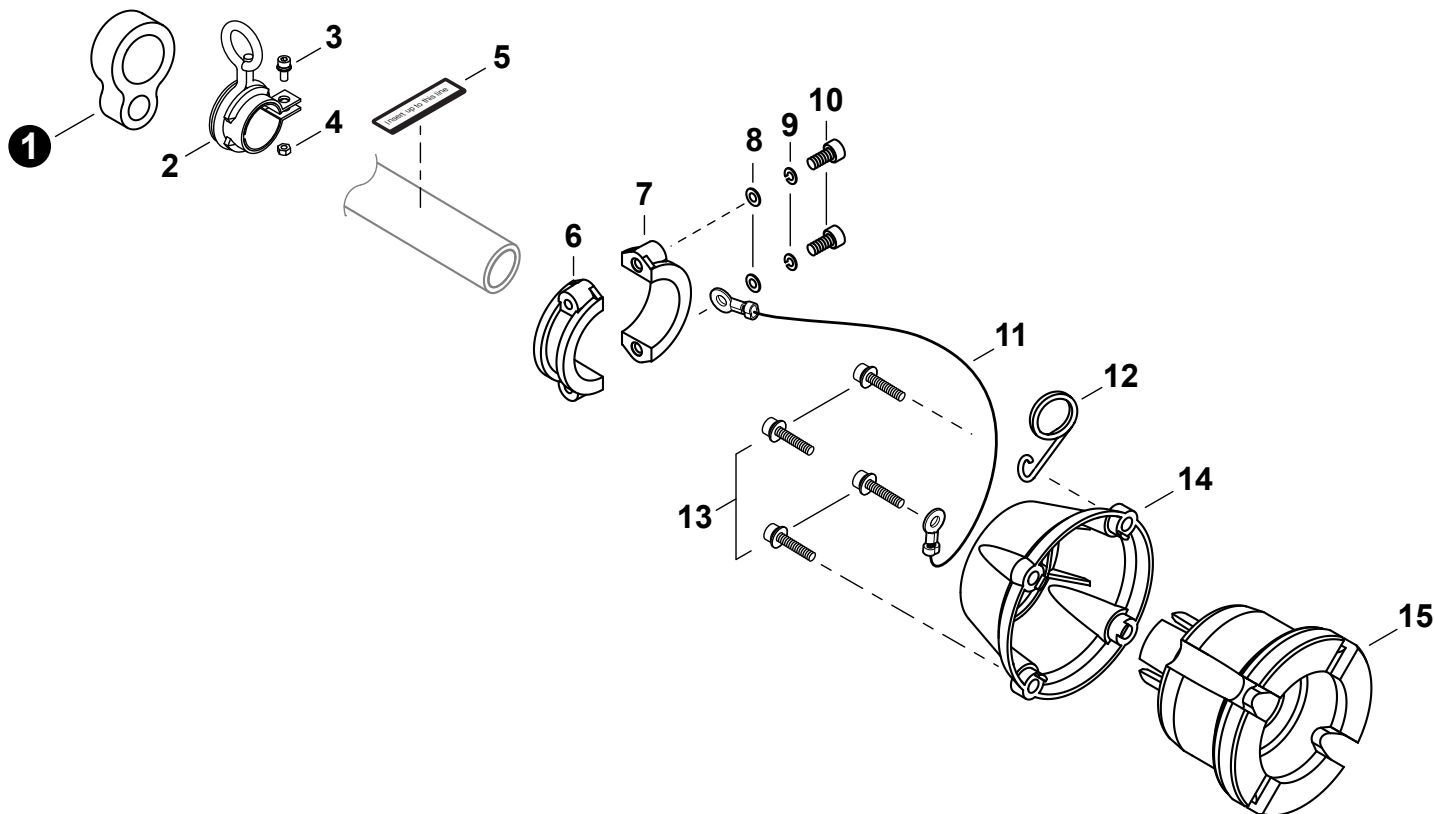
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**MAIN PIPE - FIXED S/N 9010001-9091049**

TUBO PRINCIPAL - FIJO N/S 9010001-9091049

EFFECTIVE 12/13/13

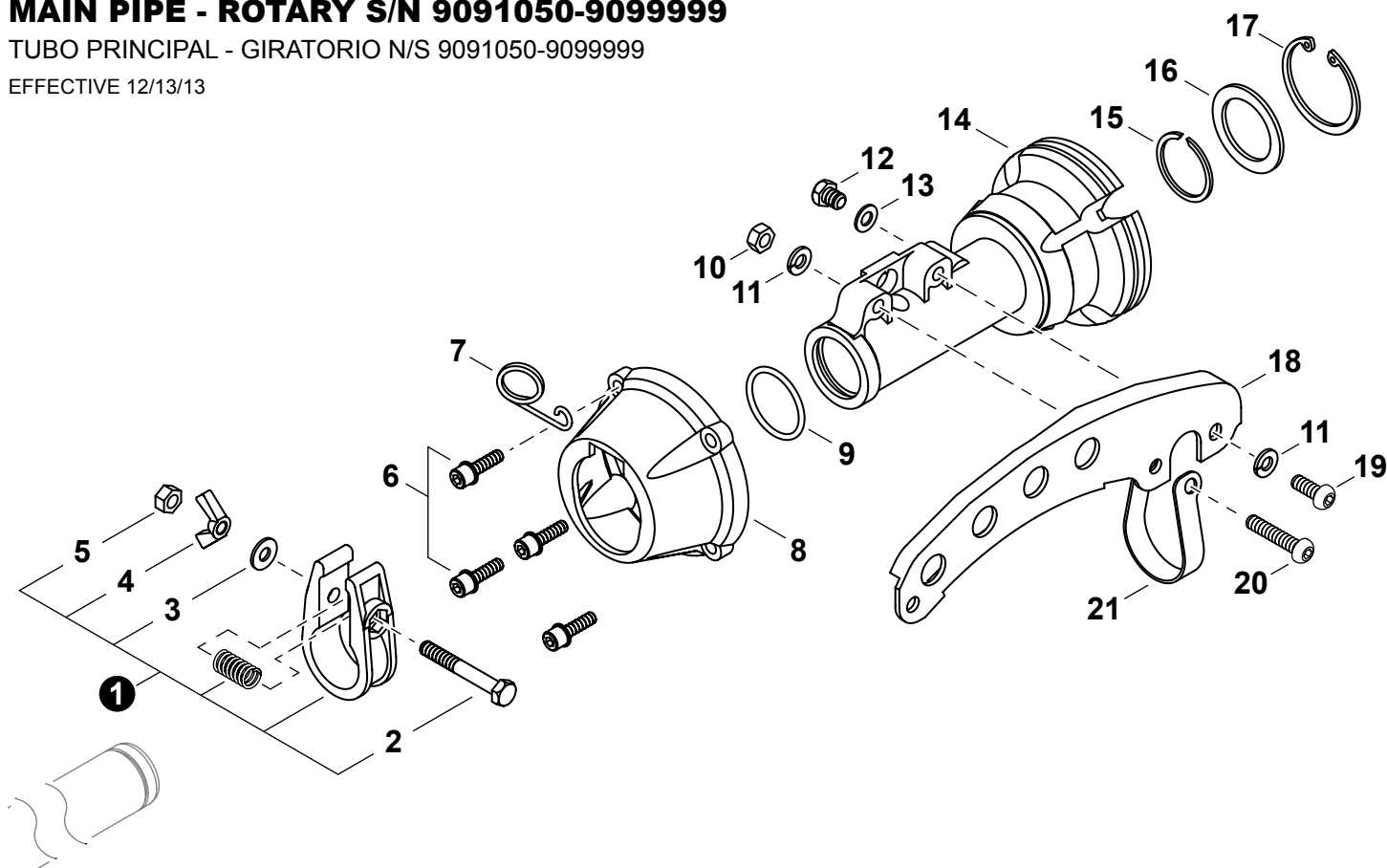


| NO.                                             | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION             | DESCRIPCIÓN           |
|-------------------------------------------------|-------------|---------------|------|-------------------------|-----------------------|
| <b>S/N 9010001-9091049; N/S 9010001-9091049</b> |             |               |      |                         |                       |
| 1                                               | C487000280  | 72447-12190   | 1    | HOLDER, CABLE           | SUJETADOR DE CABLE    |
| 2                                               | C063000030  | 22017-12210   | 1    | HANGER                  | COLGADOR              |
| 3                                               | 90010505012 | 01020-05120   | 1    | BOLT 5×12               | PERNO 5×12            |
| 4                                               | 90050000005 | 01500-05041   | 1    | NUT 5                   | TUERCA 5              |
| 5                                               | X505002860  | 72005-12140   | 1    | LABEL - ALIGNMENT       | ETIQUETA - ALINEACIÓN |
| 6                                               | A575000420  | 20011-35141   | 1    | CLAMP (A)               | ABRAZADERA (A)        |
| 7                                               | A575000430  | 20011-35151   | 1    | CLAMP (B)               | ABRAZADERA (B)        |
| 8                                               | 90060000005 | 01610-05080   | 2    | WASHER, FLAT 5.5×10×0.8 | ARANDELA 5.5×10×0.8   |
| 9                                               | 90060500005 | 01600-05131   | 2    | WASHER, SPRING 5        | ARANDELA DE PRESION 5 |
| 10                                              | 90010505025 | 01020-05250   | 2    | BOLT 5×25               | PERNO 5×25            |
| 11                                              | V485001640  | 70192-31510   | 1    | LEAD, GROUND            | CABLE DE TIERRA       |
| 12                                              | C487000270  | 70229-83150   | 1    | HOLDER, CABLE           | SUJETADOR DE CABLE    |
| 13                                              | V203000350  | 11022-05200   | 4    | BOLT M5×20              | PERNO M5×20           |
| 14                                              | A575000410  | 70012-35130   | 1    | CAP, CUSHION            | TAPA DE AMORTIGUADOR  |
| 15                                              | A575000400  | 20011-35110   | 1    | CUSHION, AV             | AMORTIGUADOR          |

**MAIN PIPE - ROTARY S/N 9091050-9099999**

TUBO PRINCIPAL - GIRATORIO N/S 9091050-9099999

EFFECTIVE 12/13/13



| NO.                                             | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION      | DESCRIPCIÓN                   |
|-------------------------------------------------|-------------|---------------|------|------------------|-------------------------------|
| <b>S/N 9091050-9099999; N/S 9091050-9099999</b> |             |               |      |                  |                               |
| 1                                               | P021021240  | 22015-11501   | 1    | SWIVEL ASSY      | MONTAJE DE CONECTOR GIRATORIO |
| 2                                               | V204000420  | 22011-97821   | 1    | +BOLT            | +PERNO                        |
| 3                                               | V304000150  | 22100-71430   | 1    | +WASHER 6MM      | +ARANDELA 6MM                 |
| 4                                               | 9219106000  | 01520-10630   | 1    | +NUT, WING M6    | +TUERCA MARIPOSA M6           |
| 5                                               | V264000150  | 22011-97840   | 1    | +NUT, LOCK M6    | +CONTRATUERCA M6              |
| 6                                               | V203000350  | 11022-05200   | 4    | BOLT M5×20       | PERNO M5×20                   |
| 7                                               | C487000270  | 70229-83150   | 1    | HOLDER, CABLE    | SUJETADOR DE CABLE            |
| 8                                               | A575000390  | 72020-11120   | 1    | CAP, CUSHION     | TAPA DE AMORTIGUADOR          |
| 9                                               | V581000220  | 22015-11120   | 1    | O-RING           | JUNTA TÓRICA                  |
| 10                                              | 90050000006 | 01500-06051   | 1    | NUT, HEX M6      | TUERCA HEXAGONAL 6M           |
| 11                                              | 90060500006 | 01600-06151   | 2    | WASHER, SPRING 6 | ARANDELA DE PRESION 6         |
| 12                                              | V204000430  | 01010-06080   | 1    | BOLT M6×8        | PERNO M6×8                    |
| 13                                              | V304000180  | 22000-13410   | 1    | WASHER           | ARANDELA                      |
| 14                                              | A575000380  | 22020-11110   | 1    | CUSHION, AV      | AMORTIGUADOR                  |
| 15                                              | V582000100  | 22015-12130   | 1    | RING, SNAP       | ANILLO RETENEDOR              |
| 16                                              | V314000110  | 22020-12210   | 1    | STOPPER          | RETENEDOR                     |
| 17                                              | 9242440000  | 02432-40170   | 1    | RING, SNAP Ø40   | ANILLO RETENEDOR Ø40          |
| 18                                              | C624000070  | 22019-11313   | 1    | HANGER           | COLGADOR                      |
| 19                                              | 9114206016  | 11210-06160   | 1    | BOLT M6×16       | PERNO M6×16                   |
| 20                                              | 9114206030  | 11210-06300   | 1    | BOLT M6×30       | PERNO M6×30                   |
| 21                                              | V495001500  | 22011-11320   | 1    | CLAMP            | ABRAZADERA                    |

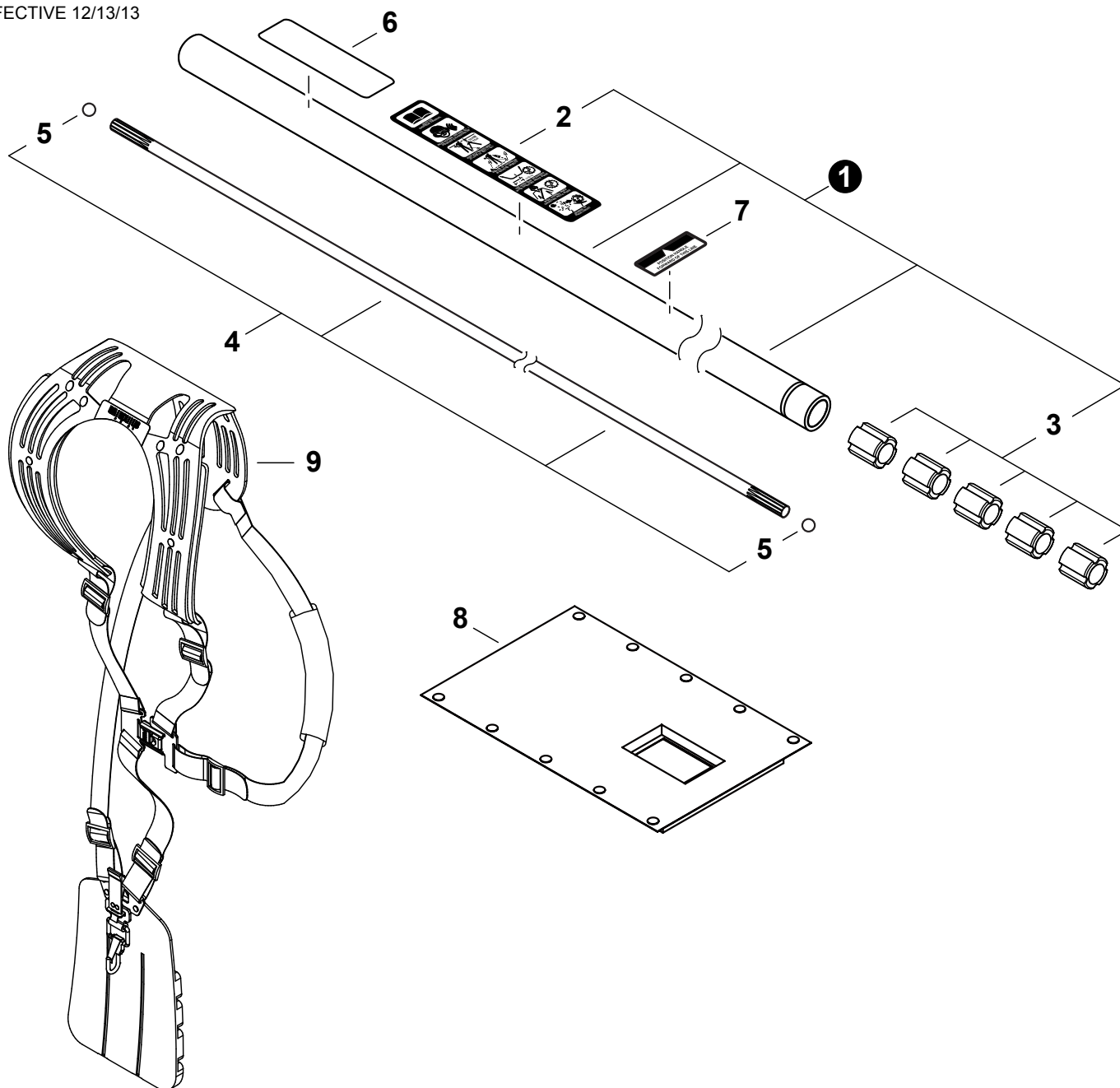
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**MAIN PIPE**

TUBO PRINCIPAL

EFFECTIVE 12/13/13



| NO.      | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION                     | DESCRIPCIÓN                      |
|----------|-------------------|--------------------|----------|---------------------------------|----------------------------------|
| <b>1</b> | <b>P021042350</b> | <b>80025</b>       | <b>1</b> | <b>MAIN PIPE ASSY</b>           | <b>MONTAJE DE TUBO PRINCIPAL</b> |
| 2        | X505005890        | 19422-00029        | 1        | +LABEL, CAUTION (BLADE CAPABLE) | +ETIQUETA DE PRECAUCIÓN          |
| 3        | C501000090        | 22021-12120        | 5        | +BUSHING                        | +BUJE                            |
| <b>4</b> | <b>C504000740</b> | <b>72550-12400</b> | <b>1</b> | <b>DRIVESHAFT ASSY</b>          | <b>MONTAJE DE EJE DE MANDO</b>   |
| 5        | V585000040        | 22021-12420        | 2        | +STOPPER                        | +RETENEDOR                       |
| 6        | X504002780        | 19420-00084        | 1        | LABEL, shindaiwa PROFESSIONAL   | ETIQUETA shindaiwa PROFESSIONAL  |
| 7        | X505002850        | 19401-00269        | 1        | LABEL, HANDLE                   | ETIQUETA DE MANGO                |
| 8        | V420002400        | 22019-17110        | 1        | PROTECTOR                       | PROTECTOR                        |
| 9        | C062000430        | 64007-67011        | 1        | HARNESS ASSY                    | MONTAJE DE ARNÉS                 |

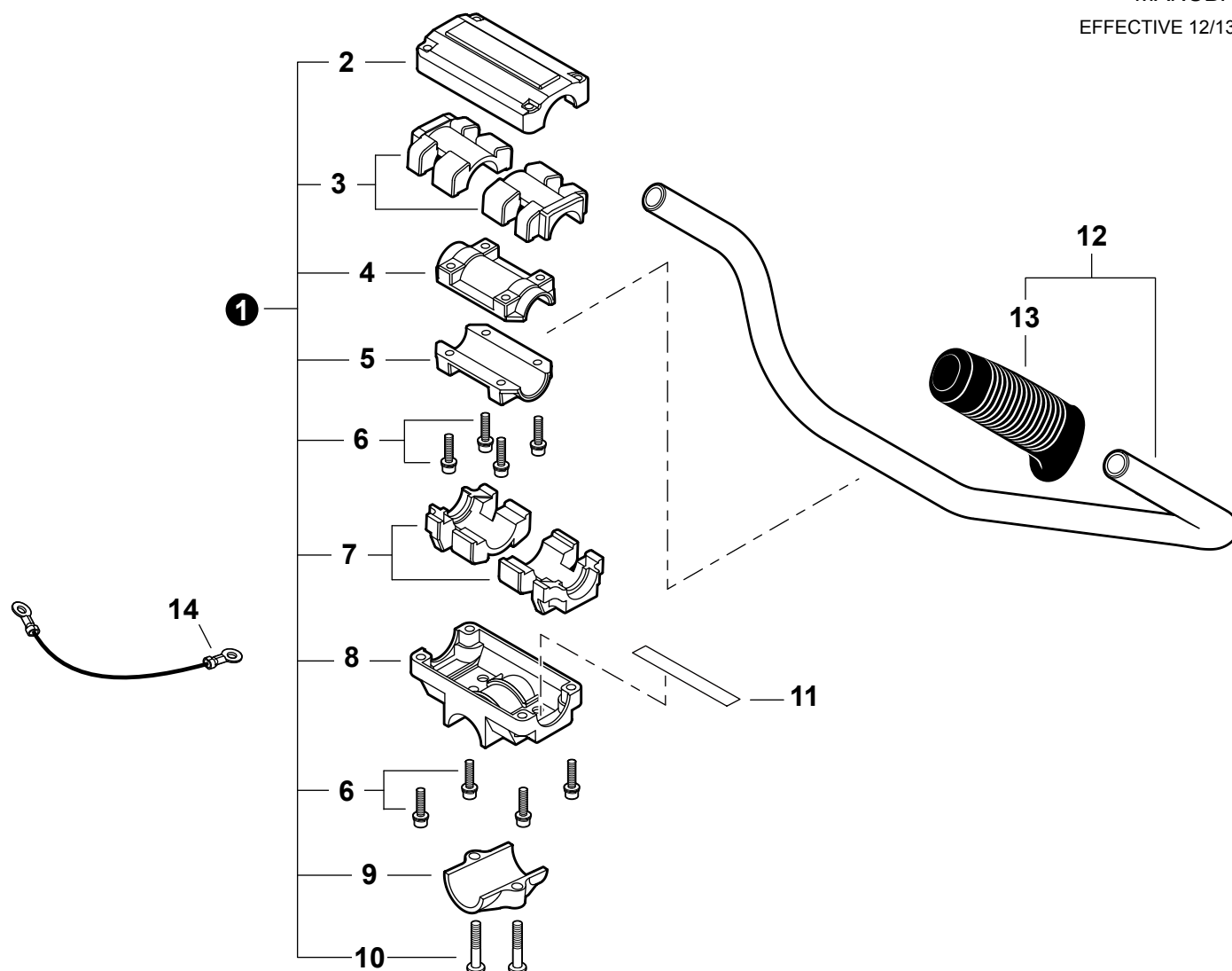
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**HANDLEBAR**

MANUBRIO

EFFECTIVE 12/13/13



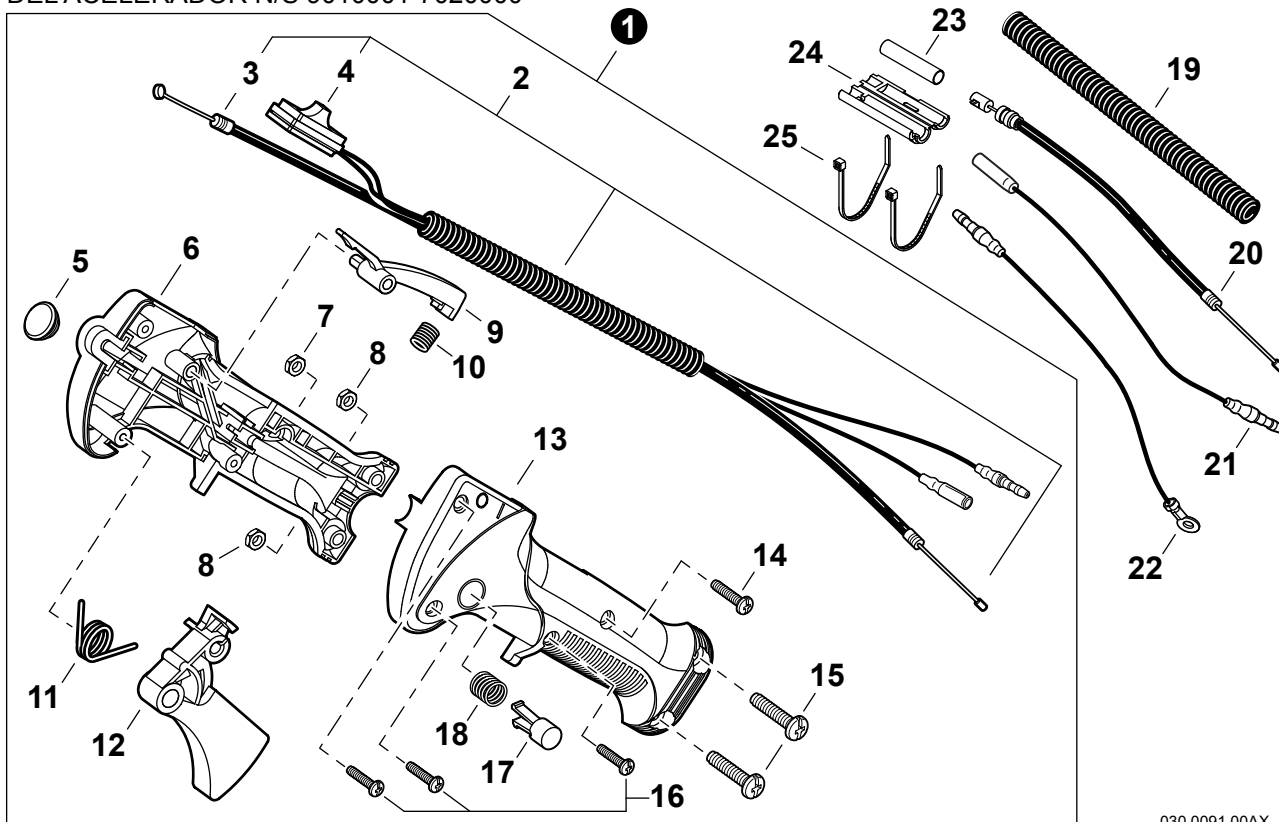
| NO.       | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION                    | DESCRIPCIÓN                            |
|-----------|-------------------|--------------------|----------|--------------------------------|----------------------------------------|
| <b>1</b>  | <b>P021031460</b> | <b>72017-14100</b> | <b>1</b> | <b>BRACKET ASSY, HANDLEBAR</b> | <b>MONTAJE DE SOPORTE DEL MANUBRIO</b> |
| 2         | C423000740        | 72017-14130        | 1        | +CLAMP, UPPER                  | +ABRAZADERA SUPERIOR                   |
| 3         | V420002470        | 22015-14170        | 2        | +CUSHION, UPPER                | +AMORTIGUADOR SUPERIOR                 |
| 4         | C423000770        | 22015-14150        | 1        | +CLAMP, UPPER                  | +ABRAZADERA SUPERIOR                   |
| 5         | C423000760        | 22015-14140        | 1        | +CLAMP, LOWER                  | +ABRAZADERA INFERIOR                   |
| 6         | V203000630        | 11022-05250        | 8        | +BOLT M5×25                    | +PERNO M5×25                           |
| 7         | V420002460        | 22015-14160        | 2        | +CUSHION, LOWER                | +AMORTIGUADOR INFERIOR                 |
| 8         | C423000700        | 72017-14110        | 1        | +BRACKET, HANDLE Ø28           | +SOPORTE DE MANGO Ø28                  |
| 9         | C423000720        | 72017-14120        | 1        | +CLAMP, LOWER Ø28              | +ABRAZADERA INFERIOR                   |
| 10        | 9114206025        | 11210-06250        | 2        | +SCREW M6×25                   | +TORNILLO M6×25                        |
| 11        | A430000000        | 72514-14190        | 1        | LEAD - GROUND                  | CABLE DE TIERRA                        |
| <b>12</b> | <b>P021035440</b> | <b>72550-14200</b> | <b>1</b> | <b>HANDLEBAR ASSY</b>          | <b>MONTAJE DE MANUBRIO</b>             |
| 13        | C403000420        | 72451-14320        | 1        | +GRIP                          | +AGARRE                                |
| 14        | A430000000        | 72514-14190        | 1        | LEAD - GROUND                  | CABLE DE TIERRA                        |

\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**THROTTLE CONTROL S/N 9010001-7020000**

CONTROL DEL ACELERADOR N/S 9010001-7020000

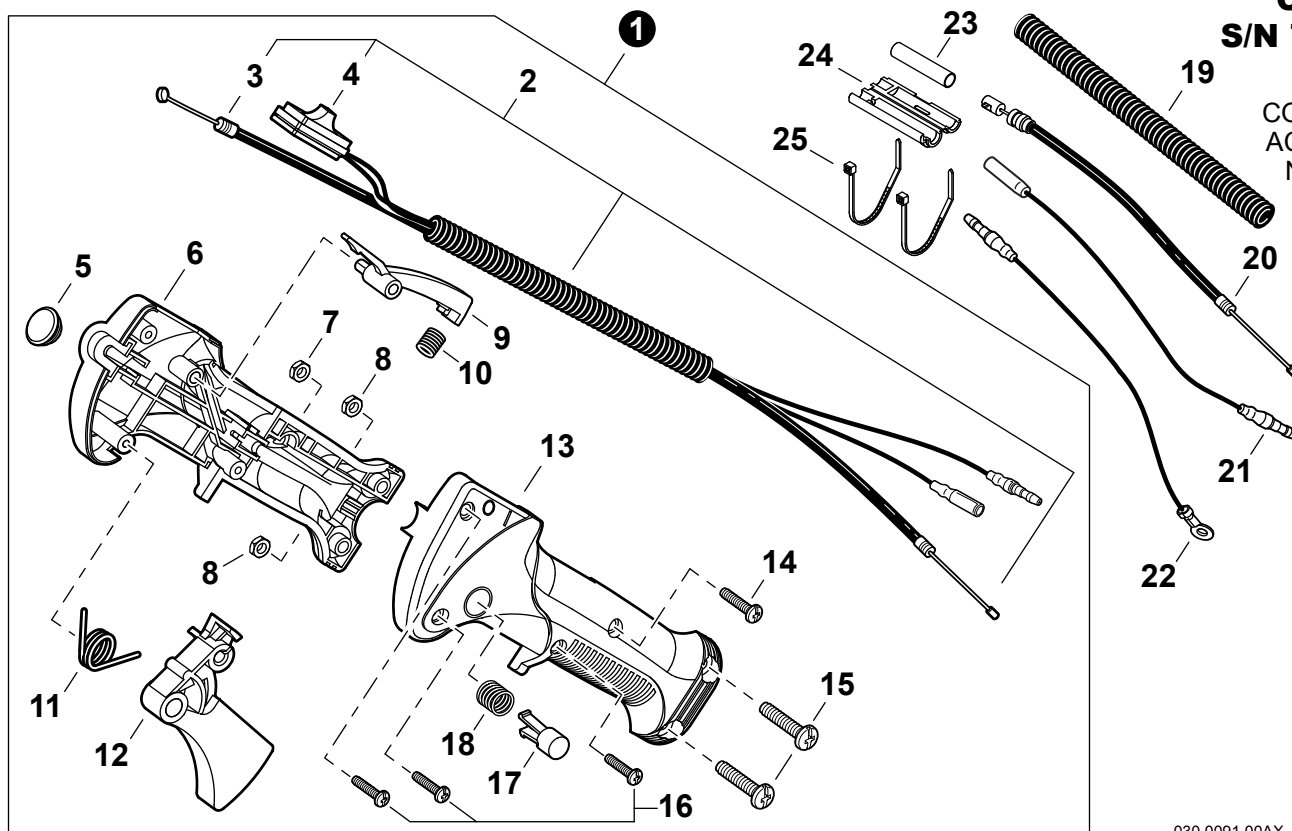
EFFECTIVE  
12/13/13

030 0091 00AX

| NO.                                             | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION                  | DESCRIPCIÓN                              |
|-------------------------------------------------|-------------------|--------------------|----------|------------------------------|------------------------------------------|
| <b>N/S 9010001-7020000; S/N 9010001-7020000</b> |                   |                    |          |                              |                                          |
| <b>1</b>                                        |                   | <b>64007-64252</b> | <b>1</b> | <b>THROTTLE CONTROL ASSY</b> | <b>MONTAJE DE CONTROL DEL ACELERADOR</b> |
| <b>2</b>                                        | <b>V043000540</b> | <b>64007-64310</b> | <b>1</b> | <b>+CABLE ASSY, CONTROL</b>  | <b>+MONTAJE DE CABLE DE CONTROL</b>      |
| 3                                               | V430002910        | 64007-64320        | 1        | ++CABLE, THROTTLE            | ++CABLE DEL ACELERADOR                   |
| 4                                               | A045000350        | 64007-64330        | 1        | ++SWITCH, ON-OFF             | ++INTERRUPTOR DE ENCENDIDO-APAGADO       |
| 5                                               | V162000410        | 22150-33630        | 1        | +PLUG, RUBBER                | +TAPÓN DE GOMA                           |
| 6                                               | P022025160        | 72550-14511        | 1        | +BODY, GRIP - RIGHT          | +CUERPO DEL AGARRE DERECHO               |
| 7                                               | V262000100        | 70871-65340        | 1        | +NUT M4                      | +TUERCA M4                               |
| 8                                               | 9201705000        | 01501-05030        | 2        | +NUT M5                      | +TUERCA M5                               |
| 9                                               | C460000240        | 70871-65140        | 1        | +LOCKOUT, THROTTLE           | +SEGURO DEL ACELERADOR                   |
| 10                                              | V450001020        | 70871-65150        | 1        | +SPRING, COMPRESSION         | +RESORTE DE COMPRESIÓN                   |
| 11                                              | V452000690        | 70871-65160        | 1        | +SPRING, TORSION             | +RESORTE DE TORSIÓN                      |
| 12                                              | C450000580        | 70871-65130        | 1        | +TRIGGER, THROTTLE           | +GATILLO DEL ACELERADOR                  |
| 13                                              |                   | 72550-14521        | 1        | +BODY, GRIP - LEFT           | +CUERPO DEL AGARRE IZQUIERDO             |
| 14                                              | V252000090        | 70871-65331        | 1        | +SCREW M4x23                 | +TORNILLO M4x23                          |
| 15                                              | V253000580        | 70871-65320        | 2        | +SCREW M5x20                 | +TORNILLO M5x20                          |
| 16                                              | V252000360        | 70871-65311        | 3        | +SCREW, TAPPING 4x16         | +TORNILLO ROSCADOR 4x16                  |
| 17                                              | C461000080        | 70871-65170        | 1        | +BUTTON, THROTTLE LOCK       | +BOTÓN DE SEGURO DEL ACELERADOR          |
| 18                                              | V450001010        | 70871-65180        | 1        | +SPRING, COMPRESSION         | +RESORTE DE COMPRESIÓN                   |
| 19                                              | V475004800        | 70210-83140        | 1        | TUBE - FLEXIBLE              | TUBO - FLEXIBLE                          |
| 20                                              | V430002900        | 70210-83110        | 1        | CABLE, THROTTLE              | CABLE DEL ACELERADOR                     |
| 21                                              | V485001650        | 70210-83130        | 1        | LEAD - IGNITION              | CABLE DE ENCENDIDO                       |
| 22                                              | V485001660        | 70210-83120        | 1        | LEAD - GROUND                | CABLE DE TIERRA                          |
| 23                                              | V475004810        | 20037-82130        | 1        | SLEEVE                       | MANGUITO                                 |
| 24                                              | C482000070        | 72550-82120        | 1        | CAP, DUST                    | TAPA ANTIPOLVO                           |
| 25                                              | V495001530        | 15210-12303        | 2        | TIE, CABLE                   | SUJETADOR DE CABLE                       |

**THROTTLE  
CONTROL  
S/N 7020001-  
9099999**

 CONTROL DEL  
ACELERADOR  
N/S 7020001-  
9099999

 EFFECTIVE  
12/13/13


| NO.                                      | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION            | DESCRIPCIÓN                        |
|------------------------------------------|-------------|---------------|------|------------------------|------------------------------------|
| N/S 7020001-9099999; S/N 7020001-9099999 |             |               |      |                        |                                    |
| 1                                        | C044000880  | 64007-64253   | 1    | THROTTLE CONTROL ASSY  | MONTAJE DE CONTROL DEL ACELERADOR  |
| 2                                        | V043000540  | 64007-64310   | 1    | +CABLE ASSY, CONTROL   | +MONTAJE DE CABLE DE CONTROL       |
| 3                                        | V430002910  | 64007-64320   | 1    | ++CABLE, THROTTLE      | ++CABLE DEL ACELERADOR             |
| 4                                        | A045000350  | 64007-64330   | 1    | ++SWITCH, ON-OFF       | ++INTERRUPTOR DE ENCENDIDO-APAGADO |
| 5                                        | V162000410  | 22150-33630   | 1    | +PLUG, RUBBER          | +TAPÓN DE GOMA                     |
| 6                                        | C412000430  | 72550-14512   | 1    | +BODY, GRIP - RIGHT    | +CUERPO DEL AGARRE DERECHO         |
| 7                                        | V262000100  | 70871-65340   | 1    | +NUT M4                | +TUERCA M4                         |
| 8                                        | 9201705000  | 01501-05030   | 2    | +NUT M5                | +TUERCA M5                         |
| 9                                        | C460000240  | 70871-65140   | 1    | +LOCKOUT, THROTTLE     | +SEGURO DEL ACELERADOR             |
| 10                                       | V450001020  | 70871-65150   | 1    | +SPRING, COMPRESSION   | +RESORTE DE COMPRESIÓN             |
| 11                                       | V452000690  | 70871-65160   | 1    | +SPRING, TORSION       | +RESORTE DE TORSIÓN                |
| 12                                       | C450000580  | 70871-65130   | 1    | +TRIGGER, THROTTLE     | +GATILLO DEL ACELERADOR            |
| 13                                       | C412000440  | 72550-14522   | 1    | +BODY, GRIP - LEFT     | +CUERPO DEL AGARRE IZQUIERDO       |
| 14                                       | V252000090  | 70871-65331   | 1    | +SCREW M4×23           | +TORNILLO M4×23                    |
| 15                                       | V253000580  | 70871-65320   | 2    | +SCREW M5×20           | +TORNILLO M5×20                    |
| 16                                       | V252000360  | 70871-65311   | 3    | +SCREW, TAPPING 4×16   | +TORNILLO ROSCADOR 4×16            |
| 17                                       | C461000080  | 70871-65170   | 1    | +BUTTON, THROTTLE LOCK | +BOTÓN DE SEGURO DEL ACELERADOR    |
| 18                                       | V450001010  | 70871-65180   | 1    | +SPRING, COMPRESSION   | +RESORTE DE COMPRESIÓN             |
| 19                                       | V475004800  | 70210-83140   | 1    | TUBE - FLEXIBLE        | TUBO - FLEXIBLE                    |
| 20                                       | V430002900  | 70210-83110   | 1    | CABLE, THROTTLE        | CABLE DEL ACELERADOR               |
| 21                                       | V485001650  | 70210-83130   | 1    | LEAD - IGNITION        | CABLE DE ENCENDIDO                 |
| 22                                       | V485001660  | 70210-83120   | 1    | LEAD - GROUND          | CABLE DE TIERRA                    |
| 23                                       | V475004810  | 20037-82130   | 1    | SLEEVE                 | MANGUITO                           |
| 24                                       | C482000070  | 72550-82120   | 1    | CAP, DUST              | TAPA ANTIPOLVO                     |
| 25                                       | V495001530  | 15210-12303   | 2    | TIE, CABLE             | SUJETADOR DE CABLE                 |

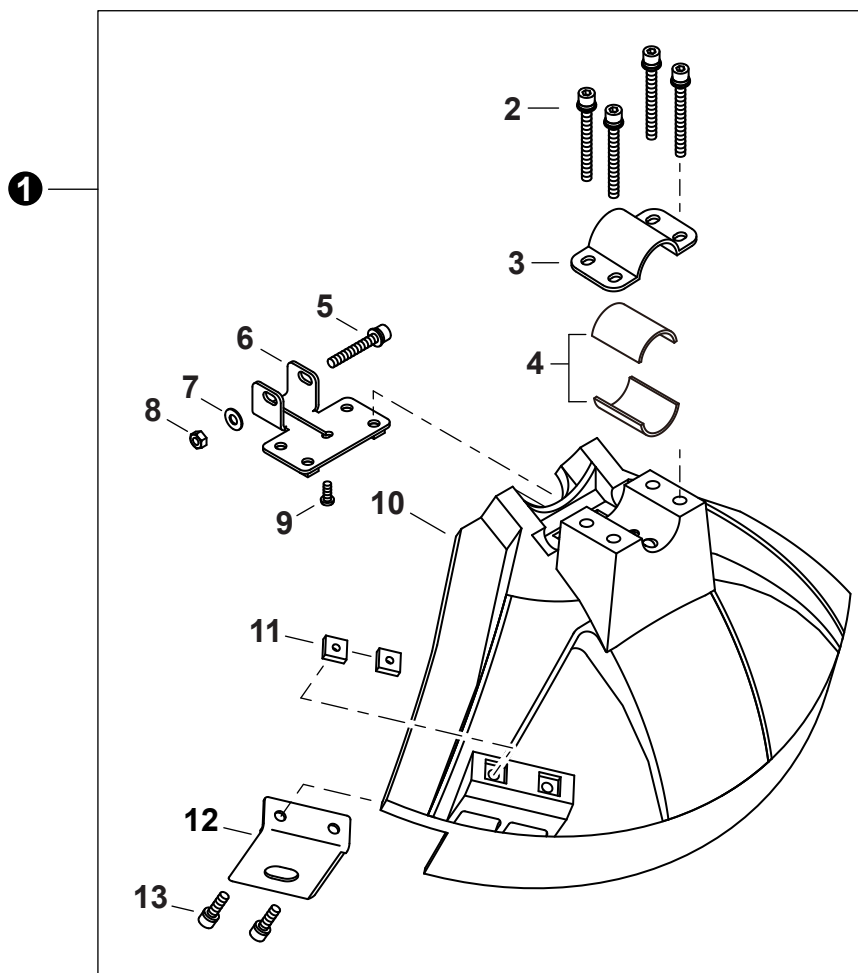
\* Denotes item is part of an assembly  
\*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
\*\* Denota artículo forma parte de un submontaje

**DEBRIS SHIELD S/N 9010001-5050000**

PROTECTOR CONTRA RESIDUOS N/S 9010001-5050000

EFFECTIVE 12/13/13



| NO.                                             | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION               | DESCRIPCIÓN                                 |
|-------------------------------------------------|-------------------|--------------------|----------|---------------------------|---------------------------------------------|
| <b>S/N 9010001-5050000; N/S 9010001-5050000</b> |                   |                    |          |                           |                                             |
| <b>1</b>                                        | <b>P021032700</b> | <b>72441-16003</b> | <b>1</b> | <b>DEBRIS SHIELD ASSY</b> | <b>MONTAJE DE PROTECTOR CONTRA RESIDUOS</b> |
| 2                                               | V203000610        | 11022-05450        | 4        | +BOLT M5×45               | +PERNO M5×45                                |
| 3                                               | C551000060        | 72480-16210        | 1        | +CLAMP, UPPER             | +ABRAZADERA SUPERIOR                        |
| 4                                               | V363000160        | 72441-16220        | 2        | +SPACER 26                | +ESPACIADOR 26                              |
| 5                                               | V204000450        | 11022-06400        | 1        | +BOLT M6×40               | +PERNO M6×40                                |
| 6                                               | C551000140        | 72441-16130        | 1        | +PLATE, SHIELD MOUNTING   | +PLACA DE MONTAJE DE PROTECTOR              |
| 7                                               | 90060300006       | 01613-06100        | 1        | +WASHER 6.5×13×1          | +ARANDELA 6.5×13×1                          |
| 8                                               | 90050000006       | 01500-06051        | 1        | +NUT, HEX M6              | +TUERCA HEXAGONAL 6M                        |
| 9                                               | V252000240        | 11202-40100        | 1        | +SCREW HILO 4×10          | +TORNILLO                                   |
| 10                                              | C550000390        | 72480-16113        | 1        | +SHIELD, DEBRIS           | +PROTECTOR CONTRA RESIDUOS                  |
| 11                                              | V263000130        | 22420-16120        | 2        | +NUT M5                   | +TUERCA M5                                  |
| 12                                              | C554000040        | 72480-16121        | 1        | +CUTTER                   | +CUCHILLA                                   |
| 13                                              | V203000720        | 11020-05160        | 2        | +BOLT M5×16               | +PERNO M5×16                                |

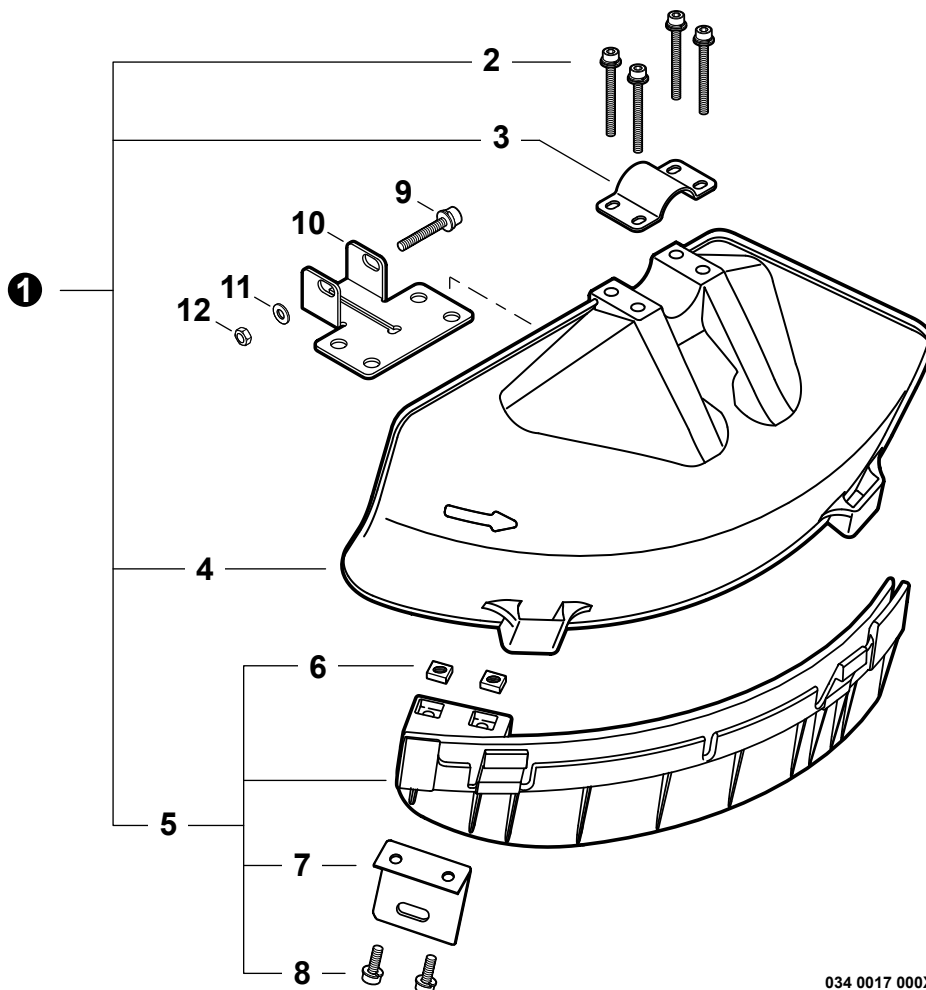
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**DEBRIS SHIELD S/N 5050001-9099999**

PROTECTOR CONTRA RESIDUOS N/S 5050001-9099999

EFFECTIVE 12/13/13



034 0017 000X

| NO.                                             | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION                          | DESCRIPCIÓN                                               |
|-------------------------------------------------|-------------------|--------------------|----------|--------------------------------------|-----------------------------------------------------------|
| <b>S/N 5050001-9099999; N/S 5050001-9099999</b> |                   |                    |          |                                      |                                                           |
| <b>1</b>                                        | <b>P021028930</b> | <b>64008-66311</b> | <b>1</b> | <b>DEBRIS SHIELD KIT</b>             | <b>JUEGO DE PROTECTOR CONTRA RESIDUOS</b>                 |
| 2                                               | V203000610        | 11022-05450        | 4        | +BOLT M5×45                          | +PERNO M5×45                                              |
| 3                                               | C551000060        | 72480-16210        | 1        | +CLAMP, UPPER                        | +ABRAZADERA SUPERIOR                                      |
| 4                                               | C550000430        | 62903-66111        | 1        | +SHIELD, DEBRIS PLASTIC              | +PROTECTOR CONTRA RESIDUOS PLÁSTICO                       |
| <b>5</b>                                        | <b>P021028450</b> | <b>62903-66332</b> | <b>1</b> | <b>+DEBRIS SHIELD EXTENSION ASSY</b> | <b>+MONTAJE DE EXTENSIÓN DE PROTECTOR CONTRA RESIDUOS</b> |
| 6                                               | V263000130        | 22420-16120        | 2        | ++NUT M5                             | ++TUERCA M5                                               |
| 7                                               | C554000040        | 72480-16121        | 1        | ++CUTTER                             | ++CUCHILLA                                                |
| 8                                               | V203000720        | 11020-05160        | 2        | ++BOLT M5×16                         | ++PERNO M5×16                                             |
| 9                                               | V204000450        | 11022-06400        | 1        | BOLT M6×40                           | PERNO M6×40                                               |
| 10                                              | C551000110        | 72017-16130        | 1        | CLAMP, LOWER                         | ABRAZADERA INFERIOR                                       |
| 11                                              | 90060300006       | 01613-06100        | 1        | WASHER 6.5×13×1                      | ARANDELA 6.5×13×1                                         |
| 12                                              | 90050000006       | 01500-06051        | 1        | NUT, HEX M6                          | TUERCA HEXAGONAL 6M                                       |

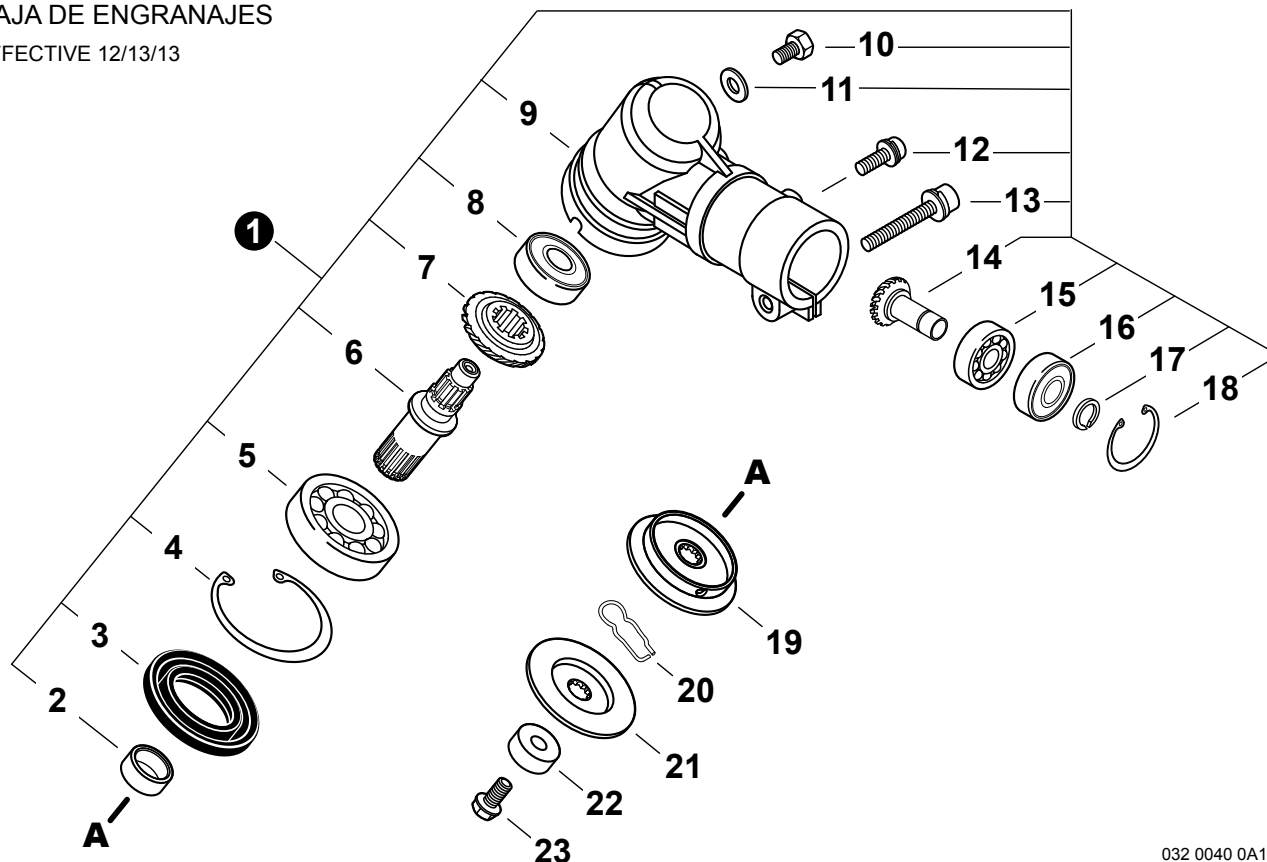
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**GEAR CASE**

## CAJA DE ENGRANAJES

EFFECTIVE 12/13/13



032 0040 0A1X

| NO. | PART NUMBER       | Shindaiwa P/N      | QTY. | DESCRIPTION            | DESCRIPCIÓN                          |
|-----|-------------------|--------------------|------|------------------------|--------------------------------------|
| 1   | <b>C051000600</b> | <b>72080-13013</b> | 1    | <b>GEAR CASE ASSY</b>  | <b>MONTAJE DE CAJA DE ENGRANAJES</b> |
| 2   | V358000130        | 22015-13230        | 1    | +COLLAR                | +COLLAR                              |
| 3   | V513000000        | 72447-13121        | 1    | +SEAL, OIL             | +SELLO DE ACEITE                     |
| 4   | 9242435000        | 02432-35150        | 1    | +RING, SNAP Ø35        | +ANILLO RETENEDOR Ø35                |
| 5   | 90081006202       | 02000-06202        | 1    | +BEARING, BALL 6202    | +COJINETE DE BALINES 6202            |
| 6   | C534000590        | 22015-13210        | 1    | +SHAFT, GEAR           | +EJE DE ENGRANAJE                    |
| 7   | V651000540        | 22015-13220        | 1    | +GEAR, BEVEL           | +ENGRANAJE CÓNICO                    |
| 8   | 90080206000       | 02006-06000        | 1    | +BEARING, BALL 6000DDU | +COJINETE DE BALINES 6000DDU         |
| 9   | C531000600        | 63020-63111        | 1    | +HOUSING, GEAR CASE    | +CAJA DE ENGRANAJES                  |
| 10  | V206000250        | 22015-13410        | 1    | +BOLT M6×10            | +PERNO M6×10                         |
| 11  | V307000230        | 22015-13420        | 1    | +WASHER                | +ARANDELA                            |
| 12  | V204000740        | 11022-06140        | 1    | +BOLT M6×14            | +PERNO M6×14                         |
| 13  | V204000450        | 11022-06400        | 1    | +BOLT M6×40            | +PERNO M6×40                         |
| 14  | V651000550        | 22021-13390        | 1    | +PINION ASSY, BEVEL    | +MONTAJE DE ENGRANAJE PIÑÓN CÓNICO   |
| 15  | 90080006001       | 37074-63310        | 1    | +BEARING, BALL 6001    | +COJINETE DE BALINES 6001            |
| 16  | 90080406001       | 02002-06001        | 1    | +BEARING, BALL 6001ZZ  | +COJINETE DE BALINES 6001ZZ          |
| 17  | V583000170        | 20000-31140        | 1    | +RING, SNAP Ø12        | +ANILLO RETENEDOR Ø12                |
| 18  | 9242428000        | 02432-28120        | 1    | +RING, SNAP Ø28        | +ANILLO RETENEDOR Ø28                |
| 19  | C535000770        | 72447-13240        | 1    | HOLDER (A)             | SOPORTE (A)                          |
| 20  | V641000140        | 22015-13290        | 1    | PIN, SLIDE             | PASADOR DESLIZANTE                   |
| 21  | C535000780        | 72017-63170        | 1    | HOLDER                 | SOPORTE                              |
| 22  | C535000790        | 22015-13270        | 1    | GUARD, BOLT            | PROTECTOR DE PERNO                   |
| 23  | V206000220        | 22015-13261        | 1    | BOLT 10×30             | PERNO 10×30                          |

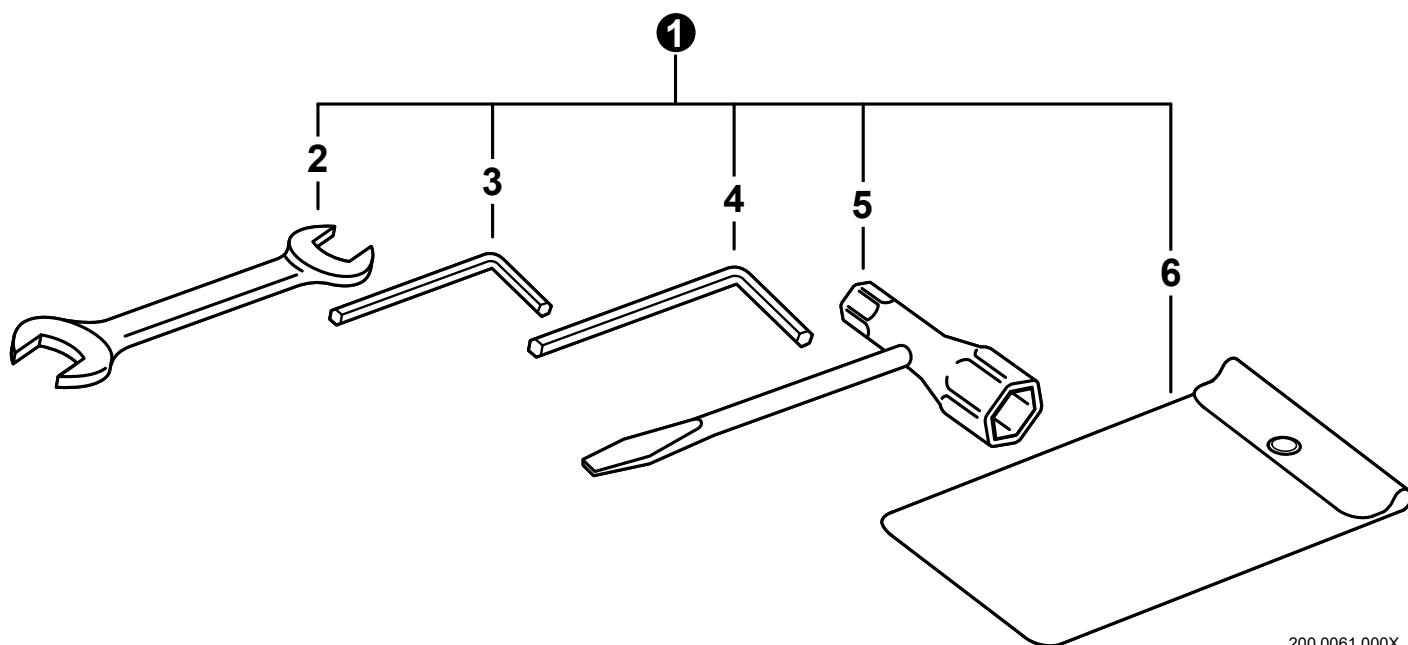
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

**TOOLS**

HERRAMIENTAS

EFFECTIVE 12/13/13



200 0061 000X

| NO.      | PART NUMBER       | Shindaiwa P/N      | QTY.     | DESCRIPTION              | DESCRIPCIÓN                  |
|----------|-------------------|--------------------|----------|--------------------------|------------------------------|
| <b>1</b> | <b>P021033200</b> | <b>72547-91100</b> | <b>1</b> | <b>TOOL KIT, SERVICE</b> | <b>JUEGO DE HERRAMIENTAS</b> |
| 2        | X600000020        | 22000-91120        | 1        | +SPANNER 8×10            | +LLAVE DE TUERCAS 8×10       |
| 3        | X605000100        | 09026-04001        | 1        | +WRENCH, ALLEN 4MM       | +LLAVE ALLEN 4MM             |
| 4        | X605000070        | 09026-05001        | 1        | +WRENCH, ALLEN 5MM       | +LLAVE ALLEN 5MM             |
| 5        | X602000140        | 72518-91180        | 1        | +T-WRENCH 17×19mm        | +LLAVE EN T 17×19mm          |
| 6        | X705000180        | 19639-01700        | 1        | +BAG, TOOL               | +BOLSA DE HERRAMIENTAS       |

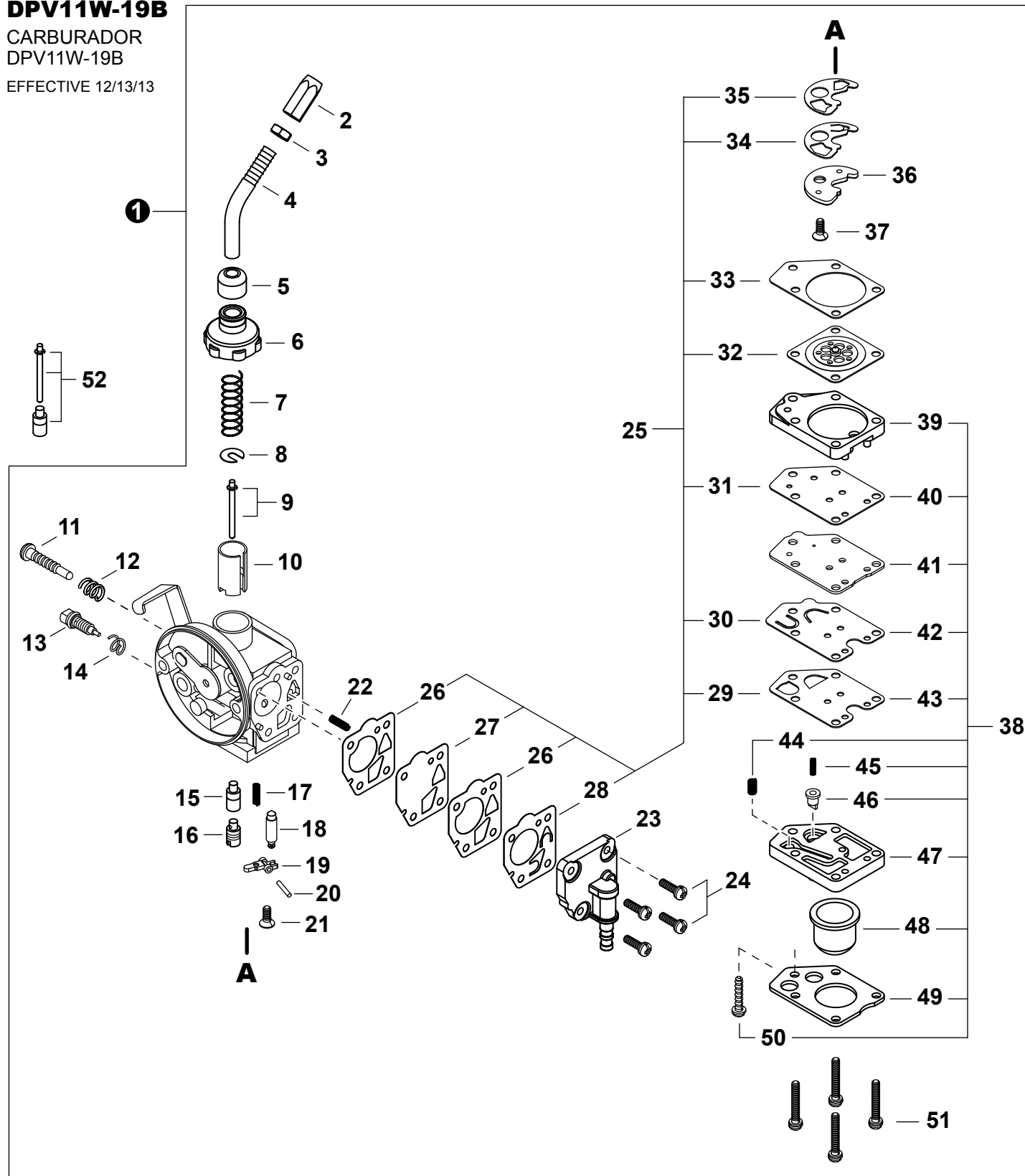
\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje

# CARBURETOR DPV11W-19B

CARBURADOR  
DPV11W-19B

EFFECTIVE 12/13/13



| NO. | PART NUMBER | Shindaiwa P/N | QTY. | DESCRIPTION           | DESCRIPCIÓN           |
|-----|-------------|---------------|------|-----------------------|-----------------------|
| 1   | A021002560  | 62022-81010   | 1    | CARBURETOR DPV11W-19B | CARBURADOR DPV11W-19B |
| 2   | 12415846630 | 20055-81810   | 1    | +ADJUSTER, CABLE      | +AJUSTADOR DE CABLE   |

## CARBURETOR DPV11W-19B

CARBURADOR DPV11W-19B

EFFECTIVE 12/13/13

|    |             |             |   |                                |                                             |
|----|-------------|-------------|---|--------------------------------|---------------------------------------------|
| 3  | 12411105810 | 20000-81260 | 1 | +NUT, LOCK                     | +CONTRATUERCA                               |
| 4  | P004002870  | 70107-81830 | 1 | +PIPE, CABLE ADJUSTER          | +TUBO DEL AJUSTADOR DE CABLE                |
| 5  | P004002180  | 20055-81130 | 1 | +CAP, DUST                     | +TAPA ANTIPOLVO                             |
| 6  | P004000700  | 20055-81120 | 1 | +CAP, CARBURETOR               | +TAPA DE CARBURADOR                         |
| 7  | 12411450330 | 20003-81140 | 1 | +SPRING, THROTTLE              | +RESORTE DE ACELERADOR                      |
| 8  | 12411505530 | 20000-81150 | 1 | +WASHER, SPRING SUPPORT        | +ARANDELA                                   |
| 9  | P004002660  | 62022-81310 | 1 | +NEEDLE, JET                   | +AGUJA DE REGULACION                        |
| 10 | P004002900  | 70131-81180 | 1 | +VALVE, SLIDE                  | +VÁLVULA                                    |
| 11 | 12415905530 | 20000-81310 | 1 | +SCREW, IDLE ADJUST            | +TORNILLO PARA AJUSTAR EL RALENTI           |
| 12 | 12416011120 | 72920-81820 | 1 | +SPRING                        | +RESORTE                                    |
| 13 | 12435412710 | 20070-81350 | 1 | +SCREW, MAIN ADJUST            | +TORNILLO AJUSTE                            |
| 14 | 12435521330 | 20011-81360 | 1 | +SPRING                        | +RESORTE                                    |
| 15 | P004002970  | 70210-81411 | 1 | +JET, MAIN                     | +INYECTOR PRINCIPAL                         |
| 16 | P004002980  | 70210-81420 | 1 | +HOLDER, MAIN JET              | +SOPORTE DE INYECTOR PRINCIPAL              |
| 17 | 12433149930 | 20040-81430 | 1 | +SPRING                        | +RESORTE                                    |
| 18 | P004000930  | 20000-81441 | 1 | +VALVE, INLET NEEDLE           | +VÁLVULA REGULADORA                         |
| 19 | P004001340  | 20011-81451 | 1 | +LEVER, METERING               | +PALANCA DE MEDICIÓN                        |
| 20 | 12433221330 | 20011-81460 | 1 | +PIN, METERING LEVER           | +PASADOR DE PALANCA DE MEDICIÓN             |
| 21 | P004001350  | 20011-81470 | 1 | +SCREW M3×8                    | +TORNILLO M3×8                              |
| 22 | 12435550130 | 20040-81680 | 2 | +SPRING                        | +RESORTE                                    |
| 23 | P004003230  | 20087-81641 | 1 | +PUMP BODY                     | +CUERPO DE BOMBA                            |
| 24 | P004001030  | 20000-81650 | 4 | +SCREW                         | +TORNILLO                                   |
| 25 | 99909-451   | 99909-451   | 1 | <b>+GASKET / DIAPHRAGM KIT</b> | <b>+JUEGO DE EMPAQUETADURA / DIAFRAGMAS</b> |
| 26 | 12436321330 | 20011-81630 | 2 | ++GASKET, DIAPHRAGM            | ++EMPAQUETADURA DIAFRAGMA                   |
| 27 | P004001430  | 20011-81621 | 1 | ++DIAPHRAGM, METERING          | ++DIAFRAGMA DE MEDICIÓN                     |
| 28 | P004002550  | 20087-81660 | 1 | ++VALVE, PUMP                  | ++VÁLVULA DE BOMBA                          |
| 29 | 12435949930 | 20087-81540 | 1 | ++GASKET                       | ++EMPAQUETADURA                             |
| 30 | P004002530  | 20087-81571 | 1 | ++VALVE, CHECK                 | ++VÁLVULA DE RETENCIÓN                      |
| 31 | P004002600  | 20087-81890 | 1 | ++GASKET                       | ++EMPAQUETADURA                             |
| 32 | 12434149930 | 20087-81520 | 1 | ++DIAPHRAGM, METERING          | ++DIAFRAGMA DE MEDICIÓN                     |
| 33 | 12435849930 | 20087-81510 | 1 | ++GASKET, METERING DIAPHRAGM   | ++EMPAQUETADURA DIAFRAGMA DE MEDICIÓN       |
| 34 | P004002990  | 70210-81430 | 1 | ++VALVE, CHECK                 | ++VÁLVULA DE RETENCIÓN                      |
| 35 | P004003000  | 70210-81440 | 1 | ++PACKING                      | ++EMPAQUE                                   |
| 36 | P004003010  | 70210-81451 | 1 | +PLATE                         | +PLACA                                      |
| 37 | P004001350  | 20011-81470 | 1 | +SCREW M3×8                    | +TORNILLO M3×8                              |
| 38 | P004002520  | 20087-81531 | 1 | <b>+PURGE PUMP KIT</b>         | <b>+JUEGO DE BOMBA DE PURGA</b>             |
| 39 | 12437949930 | 20087-81550 | 1 | ++COVER, PUMP                  | ++TAPA DE LA BOMBA                          |
| 40 | P004002600  | 20087-81890 | 1 | ++GASKET                       | ++EMPAQUETADURA                             |
| 41 | 12436049930 | 20087-81560 | 1 | ++PLATE, PUMP                  | ++PLACA DE BOMBA                            |
| 42 | P004002530  | 20087-81571 | 1 | ++VALVE, CHECK                 | ++VÁLVULA DE RETENCIÓN                      |
| 43 | 12435949930 | 20087-81540 | 1 | ++GASKET                       | ++EMPAQUETADURA                             |
| 44 | 12435550130 | 20087-81870 | 1 | ++SPRING                       | ++RESORTE                                   |
| 45 | P004002580  | 20087-81851 | 1 | ++SPRING                       | ++RESORTE                                   |
| 46 | P004002590  | 20087-81861 | 1 | ++VALVE, CHECK                 | ++VÁLVULA DE RETENCIÓN                      |
| 47 | P004002570  | 70210-81810 | 1 | ++BODY, PURGE                  | ++CUERPO DE PURGA                           |
| 48 | 12438012710 | 20087-81820 | 1 | ++BULB, PURGE                  | ++BULBO DE PURGA                            |
| 49 | 12434249930 | 20087-81830 | 1 | ++RETAINER, PURGE BULB         | ++SUJETADOR DE BULBO DE PURGA               |
| 50 | 12431049930 | 20087-81840 | 1 | ++SCREW                        | ++TORNILLO                                  |
| 51 | 90024103020 | 20087-81880 | 4 | +SCREW 3×20                    | +TORNILLO 3×20                              |
| 52 | 99909-452   | 99909-452   | 1 | NEEDLE / JET KIT               | JUEGO DE AGUJA / INYECTOR                   |

\* Denotes item is part of an assembly  
 \*\* Denotes item is part of a sub-assembly

\* Denota artículo forma parte de una asamblea  
 \*\* Denota artículo forma parte de un submontaje