

CATÁLOGO DE PARTES

TVS
RONIN



SISTEMA DE
ENCENDIDO
AUTOMÁTICO
DE LUCES (AHO)



SISTEMA DE LUCES
DE CIRCULACIÓN
DIURNA (DRL)



SISTEMA
ANTIBLOQUEO
DE FRENOS

ANEXO INFORMACIÓN DE SEGURIDAD

Verifique la carátula de este manual para conocer cuál de los siguientes dispositivos de seguridad posee su vehículo.



**SISTEMA ANTIBLOQUEO
DE FRENOS**

Sistema diseñado para evitar que las ruedas se bloqueen al frenar de forma brusca mientras se circula en línea recta, el sistema regula automáticamente la fuerza de frenado.

Aunque el sistema ABS proporciona estabilidad al detenerse, recuerde las siguientes características:

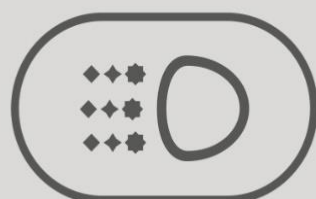
- * Para frenar de forma eficaz, deje de acelerar y utilice la leva de freno delantero y el pedal de freno trasero simultáneamente, de la misma manera que en el sistema de frenos de una motocicleta convencional
- * El ABS no puede compensar las condiciones adversas de la carretera, un error de juicio o un uso incorrecto de los frenos.



**SISTEMA DE ENCENDIDO
AUTOMÁTICO DE LUCES (AHO)**

Sistema diseñado para que una vez se ponga el motor en marcha, la luz principal de la farola se encienda automáticamente.

Este sistema garantiza una mayor visibilidad del vehículo para los demás actores viales.



**SISTEMA DE LUCES DE
CIRCULACIÓN DIURNA (DRL)**

Sistema de iluminación LED, el cual se enciende automáticamente al girar el interruptor de encendido a "ON".

Mientras la farola principal esté apagada, la luz LED alumbrará intensamente, si se enciende la farola principal, la luz LED se atenuará automáticamente.

No se recomienda dejar el interruptor de encendido en "ON" mientras el motor no esté en funcionamiento porque la batería se drenará prematuramente.

Advierta lo que le dicen las llantas mientras conduce:

- Si su respuesta a la dirección es lenta o si en las curvas y en el frenado la respuesta es pesada, es muy probable que sus llantas estén desinfladas.
- Vibración o tambaleo durante la conducción, puede significar que la presión en las llantas es mayor a la recomendada, o que ha ocurrido un daño en la llanta y la falla es inminente.
- La llanta puede vibrar a ciertas velocidades debido al desbalanceo, en este caso su desgaste será muy acelerado.

**RECUERDE SIEMPRE REVISAR LA PRESIÓN DE AIRE EN SUS LLANTAS
ANTES DE COMENZAR A RODAR**

PREFACIO

Es nuestro placer presentarles a ustedes el Catálogo de Partes.

Este Catálogo ha sido especialmente diseñado para ayudarle en la selección de las partes correctas con el fin de mantener el vehículo en las mejores condiciones.

Los repuestos originales están sujetos a un exigente estándar de control de calidad, por lo tanto es necesario que usted sólo use repuestos originales.

En nuestro constante esfuerzo para mejorar la eficiencia y desempeño de su vehículo, las especificaciones, diagramas y número de partes pueden cambiar sin previo aviso. Consecuentemente las descripciones de los repuestos en este Catálogo pueden no ser las finales y definitivas.

Las alteraciones y modificaciones que ocurren en la impresión de este Catálogo, serán informadas a nuestra red, a través de circulares de Servicio o en nuestra página web: www.auteco.com.co accediendo al link repuestos. Es requisito que usted actualice su Catálogo y haga las correcciones necesarias, una vez reciba dichas circulares. Lo anterior le asegurará un rápido y adecuado despacho de sus partes, pues las órdenes están siendo diligenciadas con las referencias más actualizadas.

En caso de necesitar asistencia técnica, comunicarse con el Distribuidor Autorizado o llamar al Departamento de Servicios Auteco.



**EL MEJOR EQUIPO
ORIGINAL
PARA TU MOTO**



CON EL RESPALDO



COMPRA SIEMPRE

REPUESTOS ORIGINALES *TVS*

CON EL RESPALDO DE AUTECO



CAMBIAMOS
PARA DARTE MÁS



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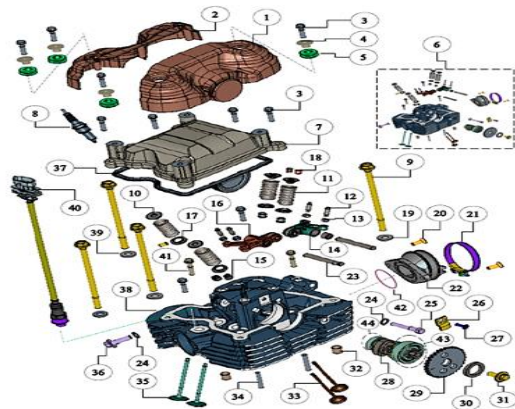


FIGURA N° 1: CULATA

PÁG.N° 1/2

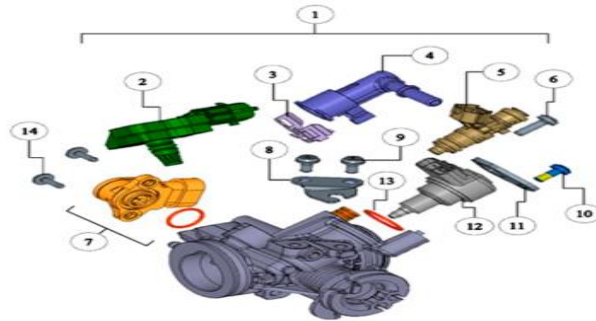


FIGURA N° 2: CUERPO ACELERADOR

PÁG.N° 3

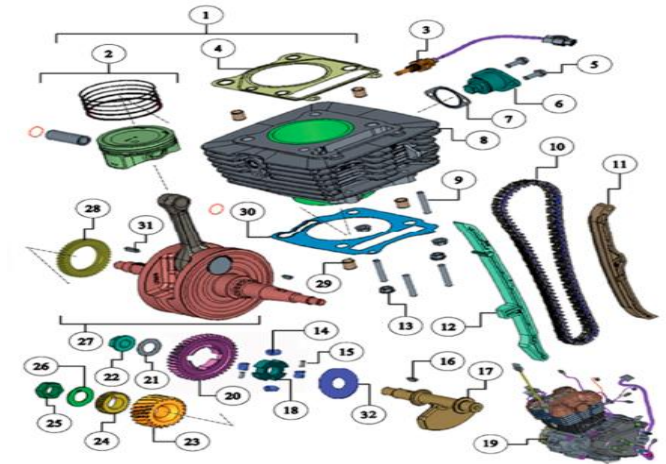


FIGURA N° 3: BLOQUE DE CILINDROS Y CIGÜEÑAL

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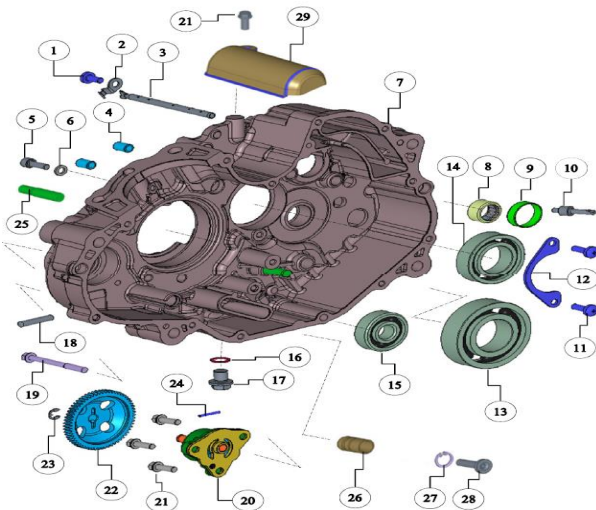


FIGURA N° 4: CRANK DERECHO

PÁG.N° 6/7

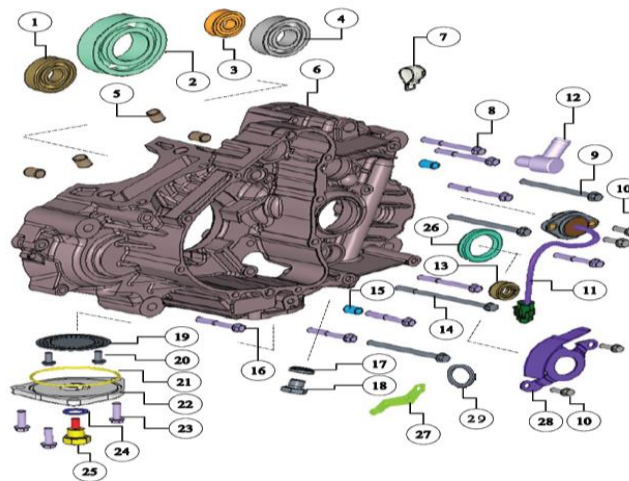


FIGURA N° 5: CRANK IZQUIERDO

PÁG.N° 8/9

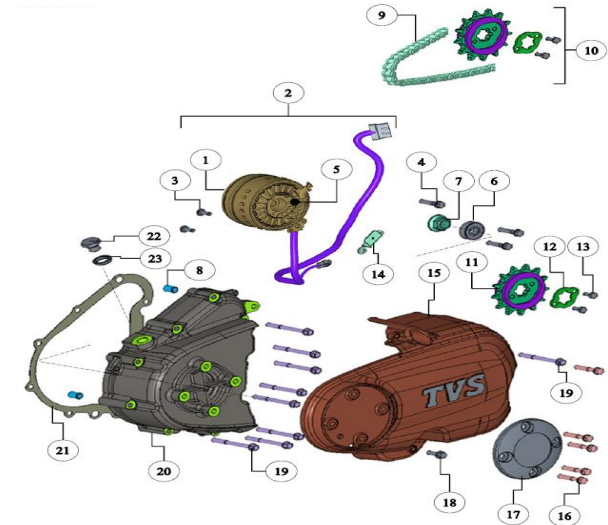


FIGURA N° 6: CUBIERTA MAGNETO

PÁG.N° 10

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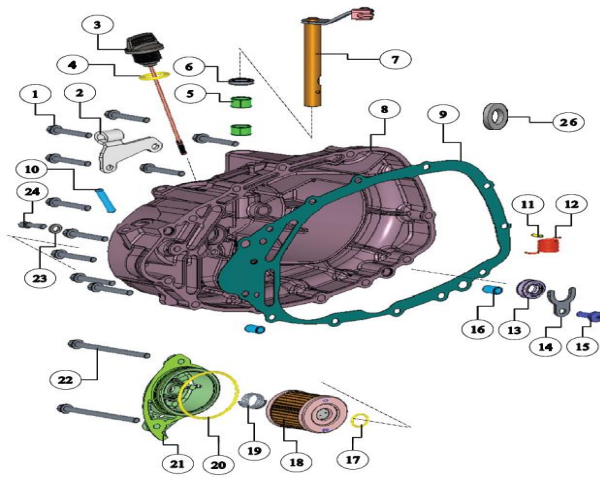


FIGURA N° 7: CUBIERTA EMBRAGUE

PÁG.N°.11/12

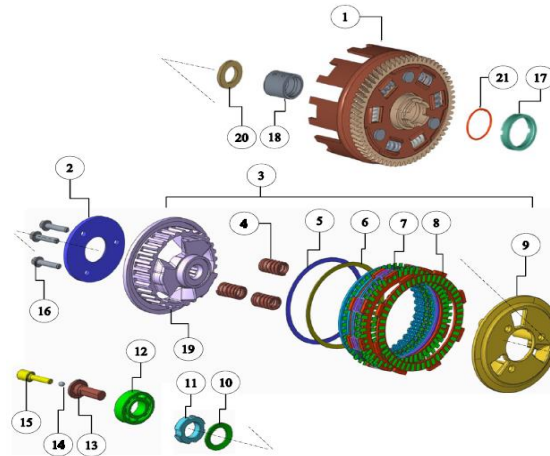


FIGURA N° 8: EMBRAGUE

PÁG.N° 13

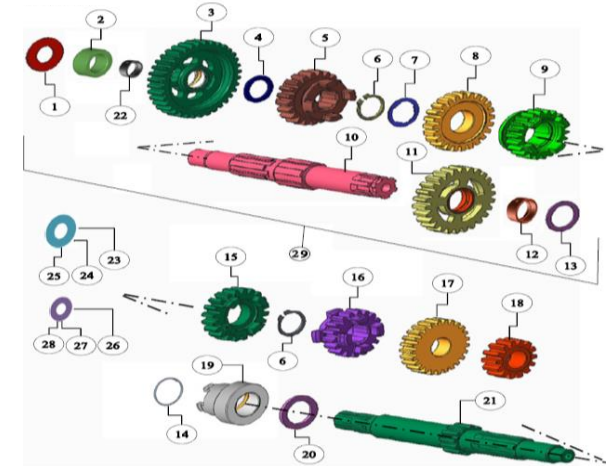


FIGURA N° 9: TRANSMISIÓN

PÁG.N°.14/15

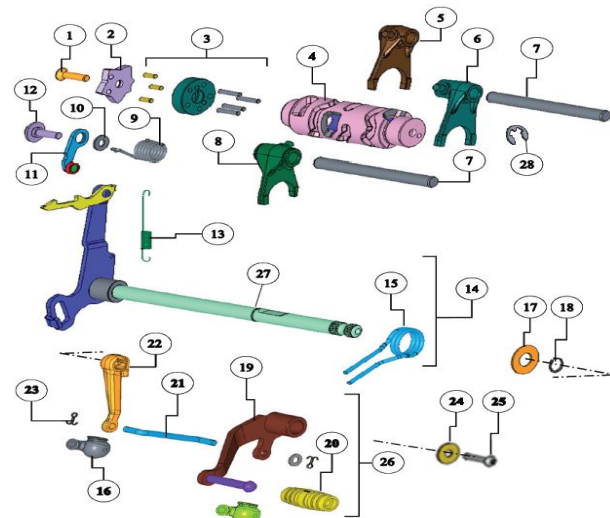


FIGURA N° 10: PALANCA DE CAMBIOS

PÁG.N°.16/17

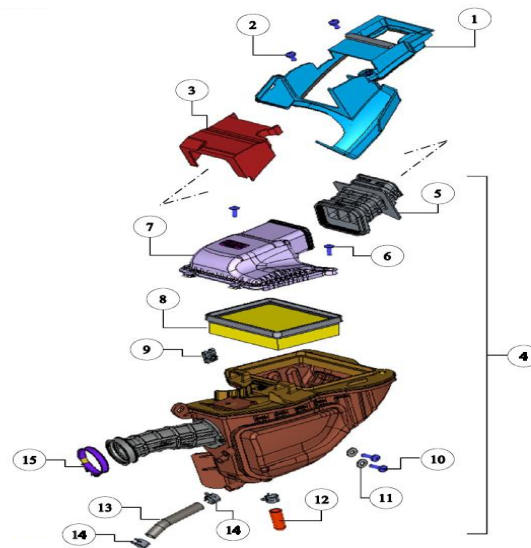


FIGURA N° 11: FILTRO DE AIRE

PÁG.N° 18

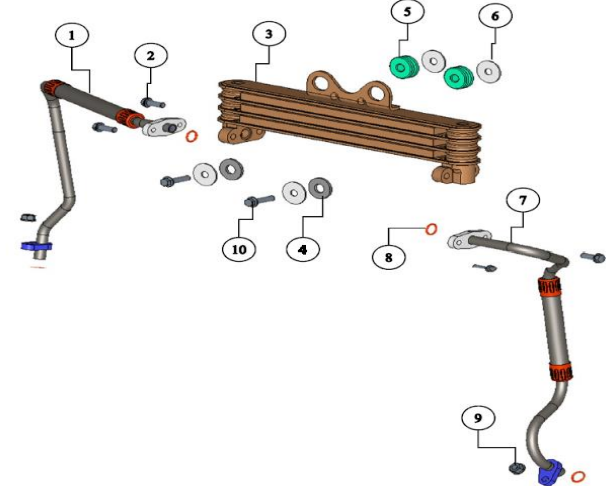
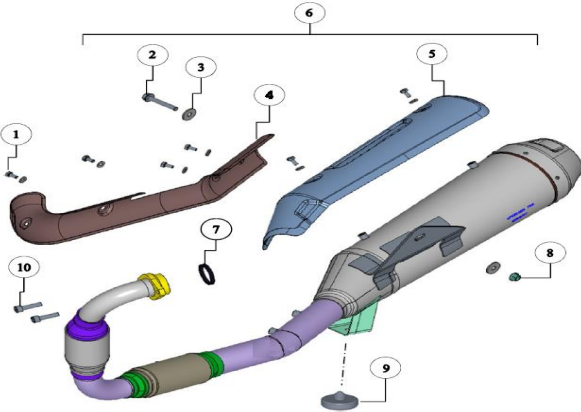
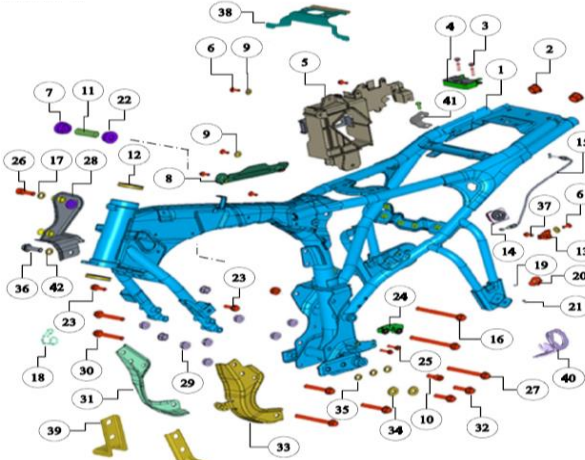
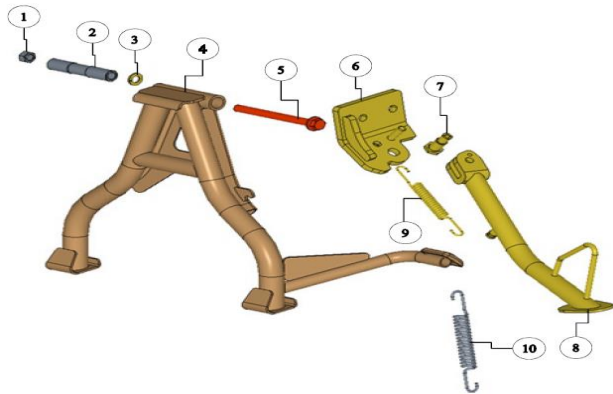
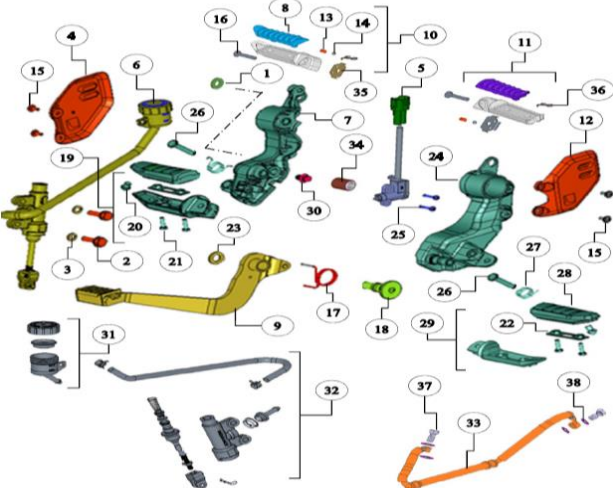
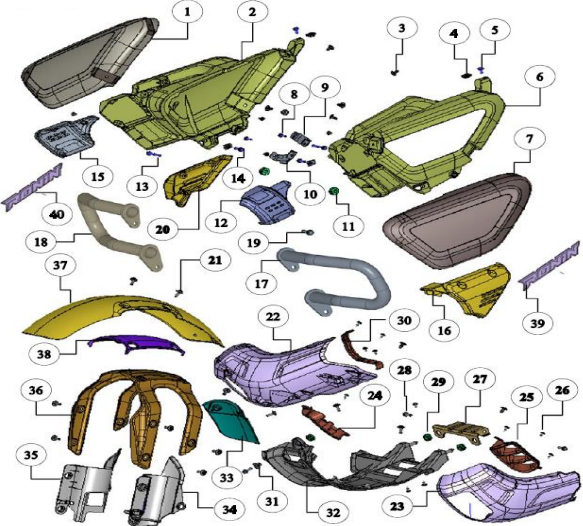


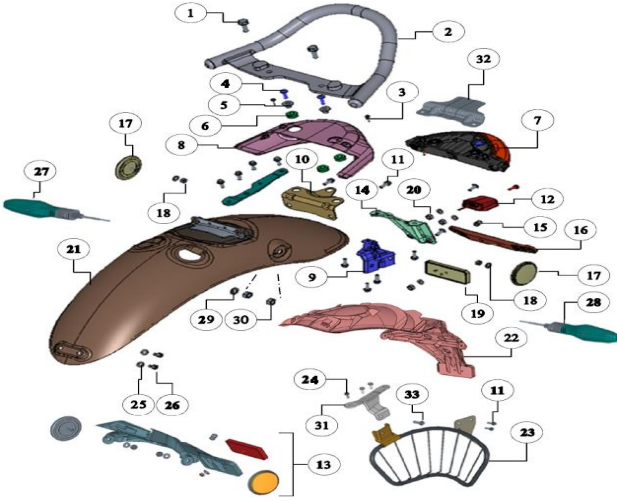
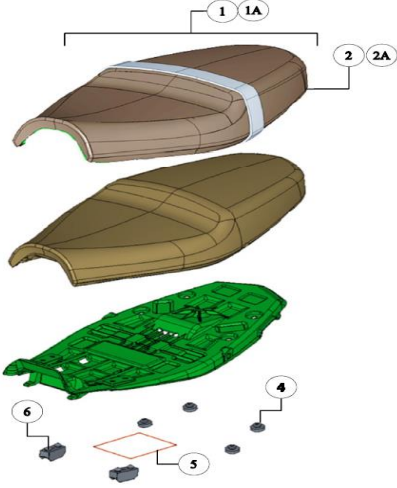
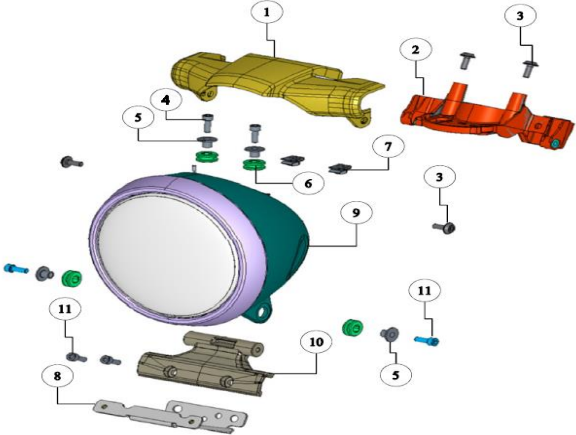
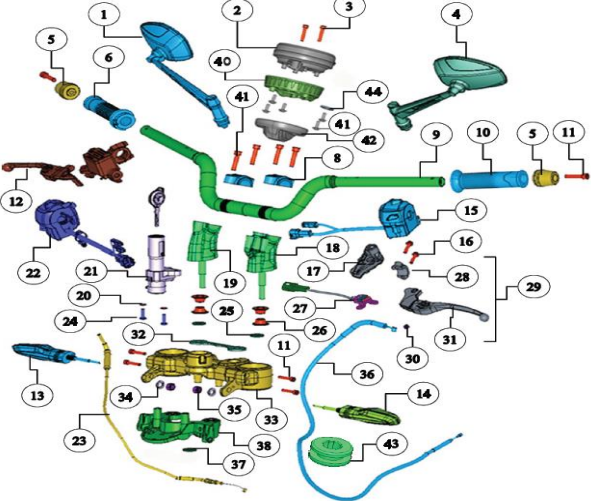
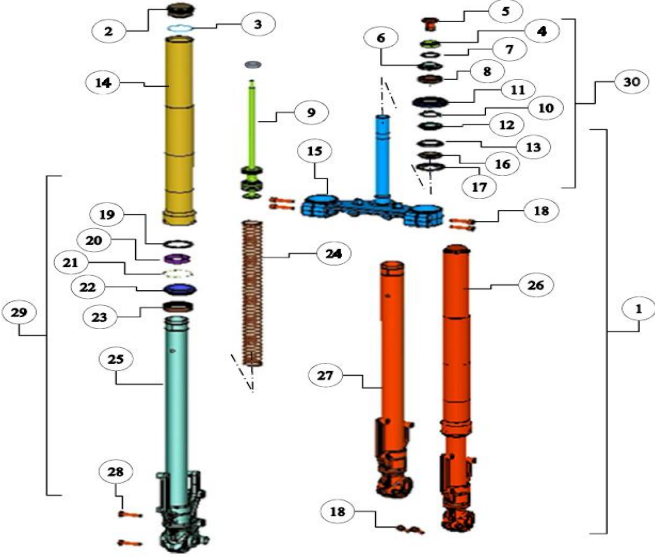
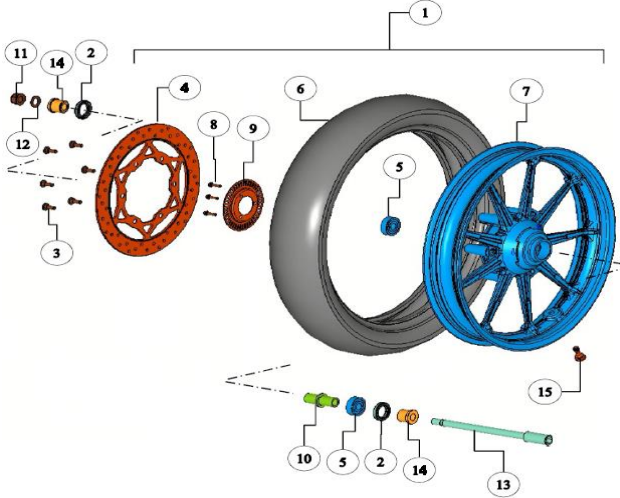
FIGURA N° 12: ENFRIADOR DE ACEITE

PÁG.N° 19

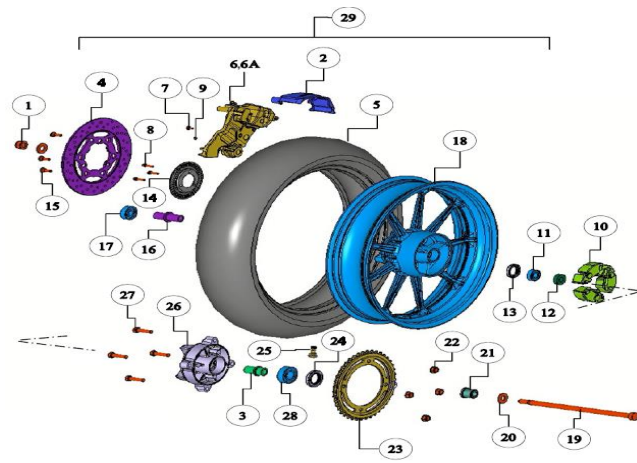
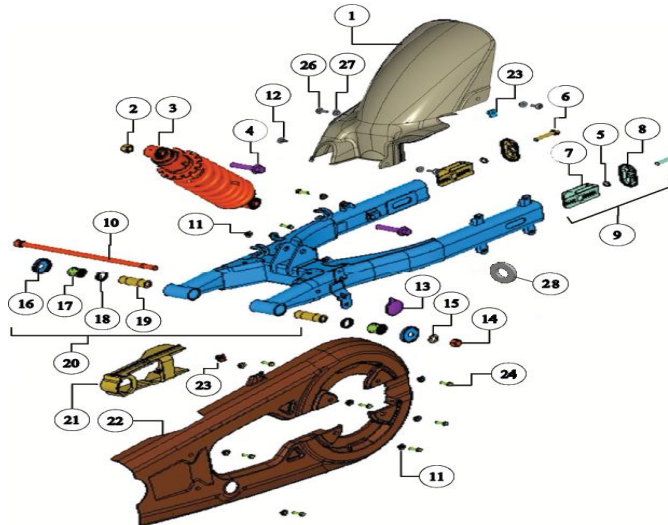
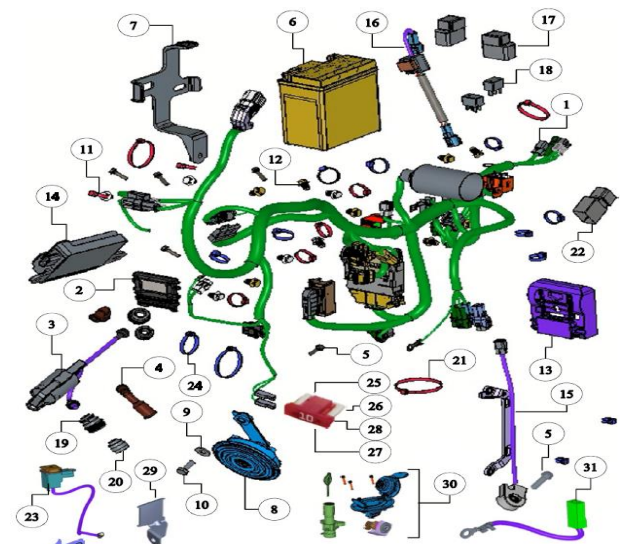
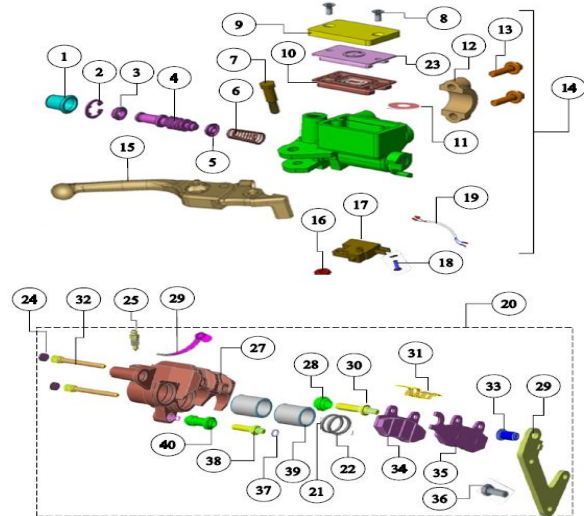
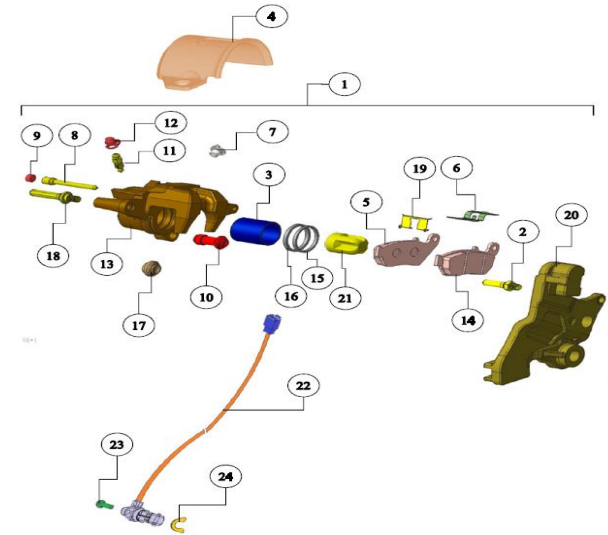
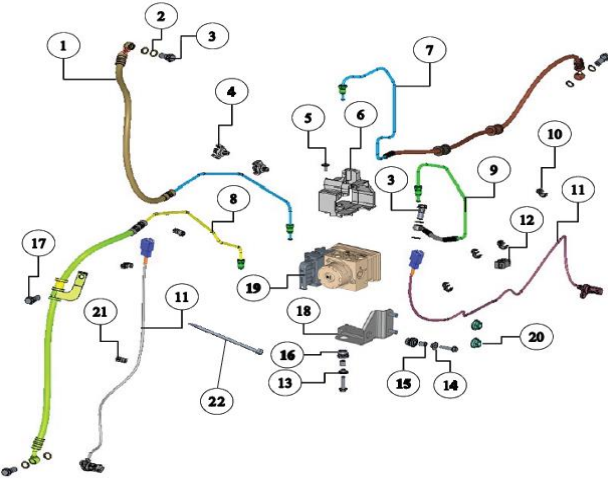
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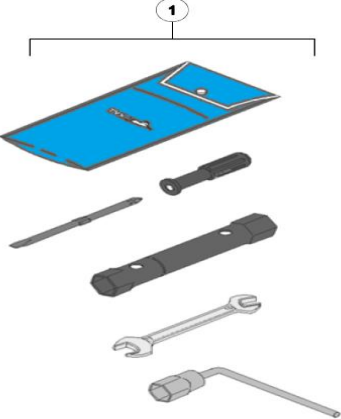
					
FIGURA N° 31: HERRAMIENTAS	PÁG.N°. 49				

FIGURA N°1: CULATA (1/2)

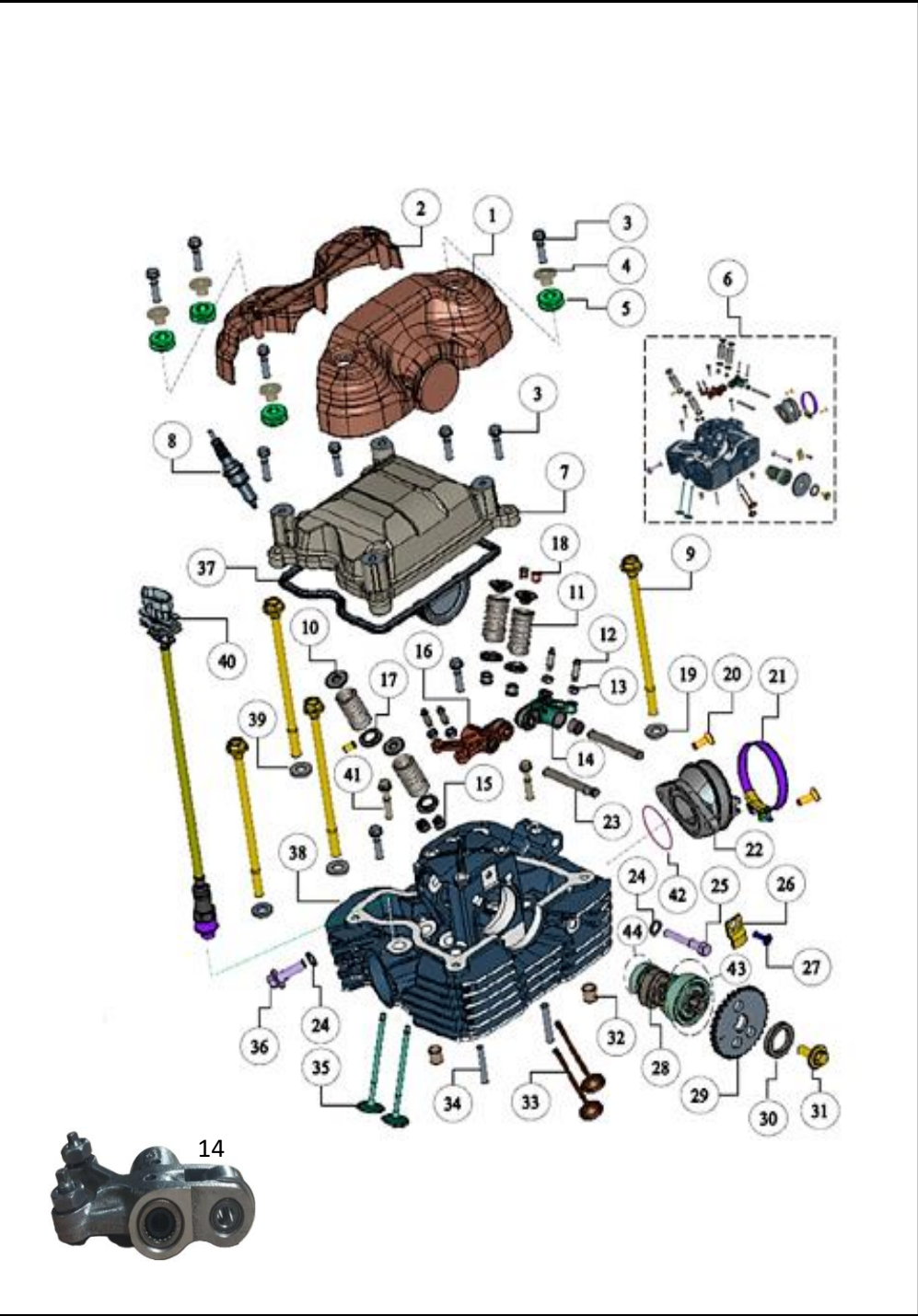


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NR010030	TAPA CILINDRO SUPERIOR IZQUIERDA	1	10090637
2	NR010040	TAPA CILINDRO SUPERIOR DERECHA	1	10090638
3	M1200510	TORNILLO HEXAGONAL M6X25	8	10079665
4	N8122610	BUJE ESPACIADOR	4	10079897
5	NF010440	BUJE CAUCHO	4	10090639
6	NF010300BD	CULATA NEGRO COMPLETA	1	10090190
7	NF010350	CULATIN	1	10090202
8	N3012100	BUJÍA	1	10078156
9	NF010430	TORNILLO M8	4	10090640
10	N8011570	RETENEDOR RESORTE VALVULA	4	10080456
11	N4012000	RESORTE VALVULA	4	10082727
12	S1010240	TORNILLO EMPUJ VALVULA	4	10078390
13	S1010250	TUERCA TORNILLO EMPUJADO	4	10078360
14	N9010370	CONJUNTO BALANCÍN ADMISIÓN	1	10078165
15	N3012050	RETÉN VÁLVULA	4	10078263
16	N9010390	BALANCÍN ESCAPE	1	10078179
17	N8011540	ARANDELA VALVUA	4	10082234
18	N8011740	SEGURO VÁLVULA 4 50	8	10080252
19	M1200060	ARANDELA 8.5X18X2.3	3	10080929
20	0332228	TORNILLO M6x16 6.8	2	10079603
21	G4041100	ABRAZADERA TUBO SALIDA	1	10080656
22	NF040550	MULTIPLE ADMISIÓN	1	10086172
23	N9011550	EJE BALANCÍN	1	10078175
24	M1080370	ARANDELA LUBRICACION	2	10078407
25	M1080510	TORNILLO TENSOR CADENA LEVA	1	10080237

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This diagram shows an exploded view of a mechanical assembly. The components are numbered 1 through 14. Component 1 is the main housing, shown at the bottom. Component 2 is a green T-shaped part. Component 3 is a purple L-shaped part. Component 4 is a blue L-shaped part. Component 5 is a brass-colored valve assembly. Component 6 is a bolt. Component 7 is a yellow valve assembly. Component 8 is a small grey part. Component 9 is a small grey part. Component 10 is a blue and yellow pin. Component 11 is a grey plate. Component 12 is a grey valve assembly. Component 13 is a red pin. Component 14 is a small grey part. A red circle highlights a feature on component 7.



This diagram illustrates the exploded view of a mechanical assembly, likely a pump or engine component, with 32 numbered parts. The components are organized as follows:

- Top Section:** Includes a bracketed assembly of parts 1, 2, and 4. Part 2 is a coiled spring, and part 4 is a green gasket. Other parts in this section include a purple cable (3), a green component (6), a small green cap (7), a green gasket (8), a green O-ring (10), and a brown curved part (11).
- Central Section:** Features a large, multi-layered grey component (9) with a green circular center. Below it is a blue gasket (30) and a red component (31) with a black handle (28). A green O-ring (29) is also shown.
- Bottom Section:** Contains a complex gear assembly with parts 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, and 27. This assembly includes various gears, shafts, and bearings. A green O-ring (28) is also shown.
- Right Section:** Includes a green component (12), a green O-ring (13), a green component (14), a green component (15), a green component (16), a green component (17), a green component (18), a green component (19), a green component (20), a green component (21), a green component (22), a green component (23), a green component (24), a green component (25), a green component (26), and a green component (27).



This exploded view diagram illustrates the assembly of a 3200 cc engine. The components are numbered 1 through 32. The diagram shows the following parts:

- 1**: Main engine assembly (indicated by a bracket).
- 2**: Piston and connecting rod assembly (indicated by a bracket).
- 3**: Spark plug.
- 4**: Valve cover gasket.
- 5**: Valve adjustment screw.
- 6**: Valve adjustment shim.
- 7**: Valve adjustment screw.
- 8**: Valve adjustment shim.
- 9**: Valve adjustment screw.
- 10**: Valve adjustment shim.
- 11**: Valve adjustment screw.
- 12**: Valve adjustment shim.
- 13**: Valve adjustment screw.
- 14**: Valve adjustment shim.
- 15**: Valve adjustment screw.
- 16**: Valve adjustment shim.
- 17**: Valve adjustment screw.
- 18**: Valve adjustment shim.
- 19**: Valve adjustment screw.
- 20**: Valve adjustment shim.
- 21**: Valve adjustment screw.
- 22**: Valve adjustment shim.
- 23**: Valve adjustment screw.
- 24**: Valve adjustment shim.
- 25**: Valve adjustment screw.
- 26**: Valve adjustment shim.
- 27**: Valve adjustment screw.
- 28**: Valve adjustment shim.
- 29**: Valve adjustment screw.
- 30**: Valve adjustment shim.
- 31**: Valve adjustment screw.
- 32**: Valve adjustment shim.



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The central part is a large, grey, cast metal housing (7). Surrounding it are various sub-components and fasteners, each numbered 1 through 29. The parts include:

- 1, 2, 3, 4, 5, 6:** Small fasteners and pins.
- 7:** The main housing.
- 8, 9, 10, 11, 12:** A series of seals, O-rings, and a bracket.
- 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29:** Various other components including a gear (23), a bearing (13), a shaft (24), and a cover (29).

Dashed lines indicate the assembly path and alignment for each part.



This diagram illustrates the assembly of a mechanical component, likely a pump or motor housing, with 29 numbered parts. The central component is a large, grey, cast metal housing (7) with two large circular openings. The assembly includes various fasteners, seals, and internal components. Key parts include: a blue cap (29) secured by a bolt (21); a long grey shaft (3) with a blue pin (2) and a blue nut (1); a green O-ring (9) and a green seal (8); a blue bracket (12) with blue pins (11, 10); a large green bearing (13) and a smaller green bearing (15); a blue gear (22) with a blue pin (23); a green pump head (20) with a green pin (21); a blue pin (24) and a blue pin (25); a blue pin (18) and a blue pin (19); a blue pin (16) and a blue pin (17); a blue pin (26) and a blue pin (27); and a blue pin (28). The diagram uses dashed lines to show the assembly sequence and alignment of the parts.



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or engine housing. The central part is a large, grey, cast metal housing. Surrounding it are various sub-components and fasteners, each numbered from 1 to 29. The parts include:

- 1, 2, 3, 4, 5, 6:** Various seals, O-rings, and gaskets in different colors (green, orange, grey, brown).
- 7:** A small, light-colored component, possibly a valve or plug.
- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25:** A series of bolts, nuts, washers, and a large circular flange or cover plate.
- 26, 27, 28, 29:** Additional components including a green hose or tube, a green bracket, and a purple component.

The diagram uses dashed lines to indicate the assembly sequence and the relative positions of the parts.



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or engine housing. The central part is a large, grey, cast metal housing. Surrounding it are various sub-components and fasteners, each numbered 1 through 29. The parts include:

- 1, 2, 3, 4, 5:** Various O-rings and seals in green, orange, and grey.
- 6:** A large, complex internal component, possibly a piston or valve train part.
- 7:** A small, dark, irregularly shaped part.
- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25:** A series of bolts, nuts, washers, and a large circular flange with a yellow ring.
- 26, 27, 28, 29:** Additional bolts, a green L-shaped bracket, a black O-ring, and a purple component.

The diagram uses dashed lines to indicate the assembly path and relative positions of the parts.

TVS 

This exploded view diagram illustrates the assembly of a TVS 100 cc engine. The components are numbered as follows:

- 1**: Alternator
- 2**: Alternator wiring harness
- 3**: Alternator mounting bracket
- 4**: Alternator mounting bolt
- 5**: Alternator mounting nut
- 6**: Alternator mounting washer
- 7**: Alternator mounting plate
- 8**: Alternator mounting bracket
- 9**: Alternator mounting bracket
- 10**: Alternator mounting bracket
- 11**: Alternator mounting bracket
- 12**: Alternator mounting bracket
- 13**: Alternator mounting bracket
- 14**: Alternator mounting bracket
- 15**: Alternator mounting bracket
- 16**: Alternator mounting bracket
- 17**: Alternator mounting bracket
- 18**: Alternator mounting bracket
- 19**: Alternator mounting bracket
- 20**: Alternator mounting bracket
- 21**: Alternator mounting bracket
- 22**: Alternator mounting bracket
- 23**: Alternator mounting bracket



This exploded view diagram illustrates the assembly of a motorcycle engine. The central component is the engine block, shown in a light purple color. Surrounding it are various parts, each numbered for identification:

- 1, 2, 10, 24, 23:** Bolts and screws used for securing the engine cover and other components.
- 3:** A black plastic cap or filter.
- 4:** A red dipstick or sensor.
- 5, 6:** Green O-rings and seals.
- 7:** A long orange dipstick or sensor.
- 8, 9:** The engine cover and its gasket.
- 11, 12:** A red oil filter and its mounting bracket.
- 13, 14, 15, 16:** Various small bolts, nuts, and washers.
- 17, 18, 19:** A brown oil filter and its mounting bracket.
- 20, 21, 22:** A green oil filter and its mounting bracket.
- 26:** A large black O-ring.

The diagram uses dashed lines to show the assembly sequence and alignment of the parts.



This exploded view diagram illustrates the assembly of a Honda engine. The central component is the engine block, shown in a light purple color. Surrounding it are various parts, each numbered for identification:

- 1, 2, 10, 24, 23:** Bolts and nuts used for securing the engine block.
- 3:** A black plastic component, likely a fuel filter or air filter, with a yellow ring (4) and a red line (5) indicating its position.
- 6:** A black cap or plug.
- 7:** A long, orange-colored rod or pin.
- 8, 9:** A large, teal-colored gasket or seal that fits around the engine block.
- 11, 12:** A red component, possibly a valve or a spring, with a yellow ring (11) and a red line (12) indicating its position.
- 13, 14, 15, 16:** Various small components, including a blue cap (13), a red spring (14), a blue pin (15), and a blue nut (16).
- 17, 18, 19, 20, 21, 22:** A green component (21) with a yellow ring (20) and a red line (22) indicating its position, along with a brown filter (18) and a yellow ring (17).
- 26:** A black ring or seal.

The diagram uses dashed lines to show the alignment and assembly sequence of the parts.

TVS 

FIGURA N°8: CLUTCH

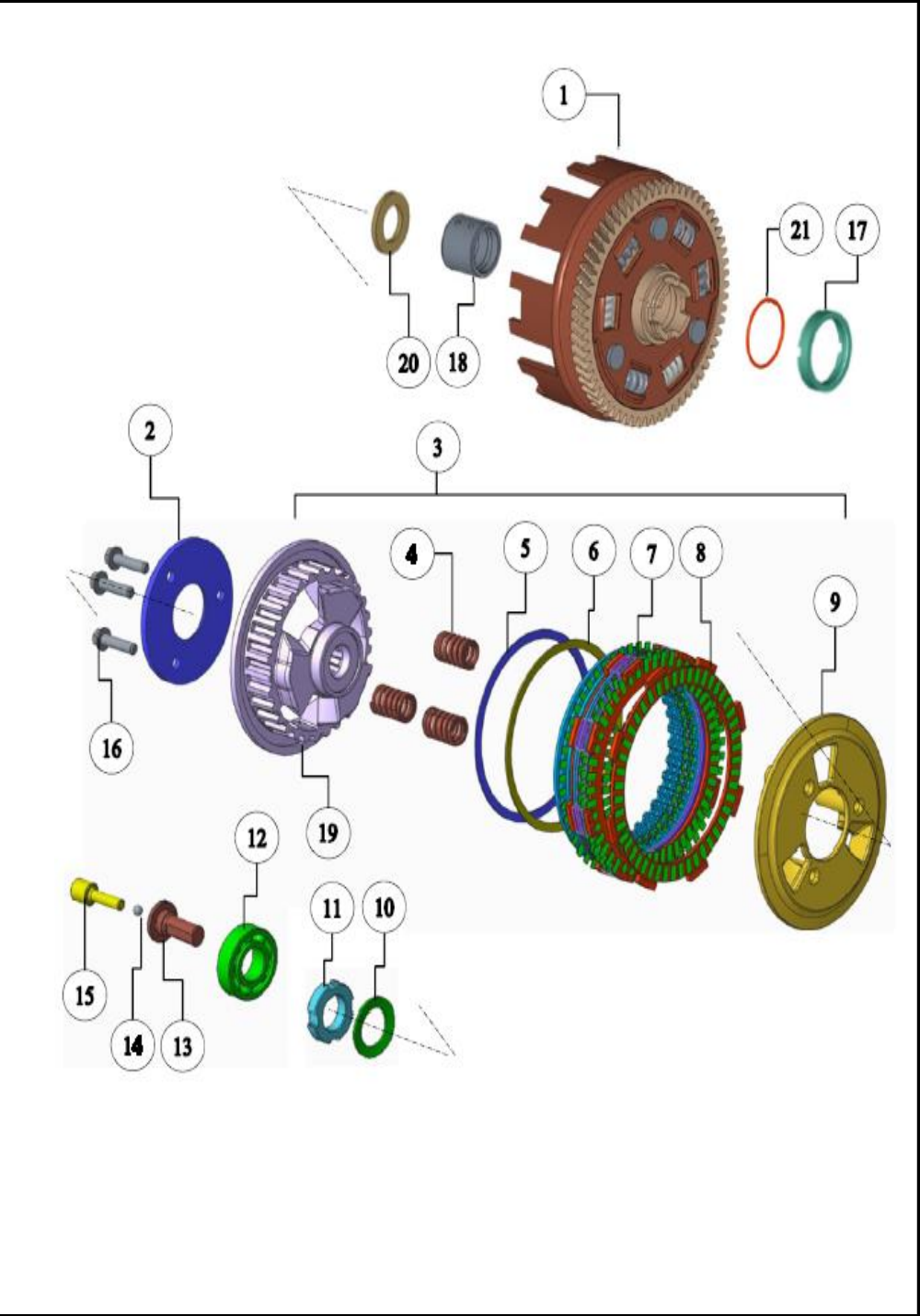


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NR070050	CORONA CLUTCH	1	10090196
2	NF070080	PORTADISCOS CLUTCH	1	10081023
3	NR070030	KIT PRENSA CLUTCH	1	10090656
4	NF070070	RESORTE CLUTCH	3	10080839
5	NF070100	ARANDELA ANTIBRINCO	1	10081164
6	NF070090	RESORTE ANTIBRINCO	1	10081163
7	NF070050	DISCO CLUTCH	5	10080838
8	NR070040	DISCO SEPARADORES CLUTCH	5	10090197
9	NF070060	PORTA RESORTES	1	10081022
10	M7070110	ARANDELA ELÁSTICA EJE CLUTCH	1	10079667
11	M7070100	TUERCA EJE CLUTCH	1	10080577
12	M1200380	RODAMIENTO BOLAS 15X32X9	1	10080509
13	M7070120	PASADOR ADAPTADOR	1	10080282
14	0339204	BALIN	1	10082665
15	NR070020	PASADOR	1	10090657
16	N2200500	TORNILLO HEXAGONAL M6X25	3	10079690
17	N9081810	RETENEDOR	1	10089523
18	NF080040	BUJE	1	10081025
19	NF070040	CORONA INTERNA CLUTCH	1	10081162
20	M7070240	ARANDELA CLUTCH	1	10080253
21	3060510	CLIP METALICO CORONA CLUTCH	1	10082506
22	N9081400	PIÑON BOMBA DE ACEITE	1	10080485

This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or motor. The components are numbered 1 through 29. The assembly is organized into three main horizontal sections. The top section contains parts 1 through 13, including a red ring (1), a green ring (2), a small metal ring (22), a large green gear (3), a blue ring (4), a brown gear (5), a green ring (6), a blue ring (7), a yellow gear (8), a green gear (9), a pink shaft (10), a yellow gear (11), a red ring (12), and a purple ring (13). The middle section contains parts 14 through 18, including a blue ring (25), a green gear (15), a purple ring (28), a purple gear (16), a yellow gear (17), a red gear (18), and a grey housing (19). The bottom section contains parts 19 through 29, including a grey housing (19), a purple ring (20), a green shaft (21), a green gear (22), a blue ring (23), a green ring (24), a purple ring (25), a green ring (26), a purple ring (27), a green ring (28), a purple ring (29), and a green gear (30). The diagram uses dashed lines to indicate the assembly sequence and the relative positions of the components.



This exploded view diagram illustrates the assembly of a mechanical component, likely a gear train or a similar rotating mechanism. The parts are numbered 1 through 29. The assembly is shown in two main sections, separated by a diagonal line. The top section includes parts 1 through 13, 22, and 29. The bottom section includes parts 14 through 21. The parts are color-coded: red (1), green (2, 3, 9, 15), blue (4), brown (5), yellow (6, 8, 11, 17), purple (7, 13), orange (12), teal (16), grey (19), and dark green (21). The diagram shows the relative positions and assembly sequence of the parts, with dashed lines indicating the path of assembly. Key components include gears (3, 5, 8, 9, 11, 15, 16, 17, 18), shafts (10, 21), bearings (14, 19), and various rings and washers (1, 2, 4, 6, 7, 12, 13, 20, 22, 23, 24, 25, 26, 27, 28).



This diagram illustrates the exploded view of a mechanical assembly, with components numbered 1 through 28. The parts are distributed as follows:

- Top Section:** Includes a yellow pin (1), a purple bracket (2), a green circular plate (3), a pink cylindrical component (4), a brown bracket (5), a green bracket (6), a grey shaft (7), a blue bracket (8), a blue bracket (9), a blue bracket (10), a blue bracket (11), a blue bracket (12), a blue bracket (13), a blue bracket (14), a blue bracket (15), a blue bracket (16), a blue bracket (17), a blue bracket (18), a blue bracket (19), a blue bracket (20), a blue bracket (21), a blue bracket (22), a blue bracket (23), a blue bracket (24), a blue bracket (25), a blue bracket (26), a blue bracket (27), a blue bracket (28).
- Bottom Section:** Includes a blue bracket (1), a blue bracket (2), a blue bracket (3), a blue bracket (4), a blue bracket (5), a blue bracket (6), a blue bracket (7), a blue bracket (8), a blue bracket (9), a blue bracket (10), a blue bracket (11), a blue bracket (12), a blue bracket (13), a blue bracket (14), a blue bracket (15), a blue bracket (16), a blue bracket (17), a blue bracket (18), a blue bracket (19), a blue bracket (20), a blue bracket (21), a blue bracket (22), a blue bracket (23), a blue bracket (24), a blue bracket (25), a blue bracket (26), a blue bracket (27), a blue bracket (28).



[illegible]

This diagram illustrates the assembly of a power window motor. The components are numbered as follows:

- 1**: Main motor housing (blue).
- 2**: Screws for the motor housing.
- 3**: Red plastic component, likely a gear or bracket.
- 4**: A bracket grouping the motor assembly (1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15).
- 5**: Motor unit (grey).
- 6**: Screws for the motor unit.
- 7**: Purple plastic component, likely a gear or bracket.
- 8**: Yellow rectangular component, likely a filter or seal.
- 9**: Small black component, likely a pin or clip.
- 10**: Screws for the motor unit.
- 11**: Screws for the motor unit.
- 12**: Red cylindrical component, likely a pin or clip.
- 13**: Grey cylindrical component, likely a pin or clip.
- 14**: Grey cylindrical component, likely a pin or clip.
- 15**: Purple ring component, likely a seal or O-ring.



This diagram illustrates the assembly of a vehicle suspension component, likely a control arm or steering knuckle. The parts are numbered as follows:

- 1:** A long, curved metal arm with a red rubber bush at one end and a blue plastic cap at the other.
- 2:** A small metal pin or bolt.
- 3:** A large, brown, multi-layered metal component, possibly a brake disc or a large bush.
- 4:** A small metal pin or bolt.
- 5:** A green rubber bush.
- 6:** A small metal pin or bolt.
- 7:** A metal arm with a red rubber bush at one end and a blue plastic cap at the other.
- 8:** A small metal pin or bolt.
- 9:** A small metal pin or bolt.
- 10:** A small metal pin or bolt.

The diagram shows the relative positions of these components, with lines indicating how they fit together. Red circles highlight specific areas of interest, such as the rubber bushes and the blue plastic caps.



This exploded view diagram illustrates the rear assembly of the vacuum cleaner. The components are numbered as follows:

- 1:** A brown L-shaped dust tube with two mounting holes.
- 2:** A long screw for securing the brown tube.
- 3:** A circular gasket or seal.
- 4:** A blue L-shaped dust tube with a mounting hole.
- 5:** A blue L-shaped dust tube with a mounting hole.
- 6:** A bracket or support piece that connects the dust tubes to the main tube.
- 7:** A black O-ring seal.
- 8:** A small green screw and a circular gasket.
- 9:** A black circular cap or plug.
- 10:** A grey elbow joint with a yellow cap and a purple connector.

The diagram shows the motor unit at the top right, connected to a long grey main tube. The dust tubes (1, 4, 5) are shown being attached to the bottom of the main tube using the screws (2), O-ring (7), and bracket (6). The elbow joint (10) is shown being attached to the bottom of the main tube. The cap (9) is shown being inserted into the bottom of the main tube.



This diagram illustrates the assembly of a LEGO Technic chassis. The main structure is a light blue frame. Key components include:

- Frame and Chassis:** Light blue Technic beams and connectors forming the main body (15, 21, 23, 24, 25, 32, 33, 34, 35, 36, 39, 40, 41, 42).
- Wheels and Axles:** Black wheels (2, 13, 19, 20) mounted on axles (16, 27, 32, 34, 35, 36, 39, 40) using pins (10, 11, 12, 17, 22, 26, 28, 30, 31, 38, 41).
- Motor and Electronics:** A grey motor (14) connected to a green battery box (3) via a cable (15).
- Structural Brackets:** Various grey and yellow Technic brackets (5, 6, 9, 8, 18, 30, 31, 33, 39) used for reinforcement and mounting.
- Fasteners:** Numerous pins (10, 11, 12, 17, 22, 26, 28, 30, 31, 38, 41) and axles (16, 27, 32, 34, 35, 36, 39, 40) are shown in their respective assembly positions.



This diagram illustrates the assembly of a LEGO Technic chassis. The main structure is a large blue frame. Various components are shown in exploded view, including:

- Top and Side Plates:** A grey top plate (5), a green side plate (38), and a yellow side plate (33).
- Connectors and Pins:** Numerous red pins (e.g., 2, 6, 9, 10, 13, 16, 25, 27, 32, 34, 35), purple pins (7, 11, 22), and yellow pins (12, 17, 28, 36, 42).
- Wheels and Axles:** A grey wheel (40) on a red axle (16), and a green wheel (24) on a red axle (25).
- Motor and Electronics:** A grey motor (14) connected to a green battery box (3) via a black cable (15).
- Other Parts:** A grey motor housing (41), a grey bracket (39), a green bracket (30), and various small grey and yellow connectors.

 The numbered callouts range from 2 to 42, identifying each individual part and its assembly location.



This diagram shows an exploded view of a mechanical assembly. The components are numbered 1 through 10:

- 1: A small black pin or bush.
- 2: A grey cylindrical sleeve or bush.
- 3: A small yellow ring or O-ring.
- 4: A tan-colored structural frame or support.
- 5: A red pin or bolt.
- 6: A yellow rectangular plate or bracket.
- 7: A small yellow pin or bush.
- 8: A yellow curved arm or lever.
- 9: A yellow coiled spring.
- 10: A grey coiled spring.



[illegible]

This diagram illustrates the exploded view of a mechanical assembly, with components numbered 1 through 38. The parts are color-coded: orange (4, 12, 36), yellow (19, 9), green (1, 7, 24, 26, 27, 28, 29, 33), blue (8, 11, 35), purple (38), and grey (10, 13, 14, 16, 30, 31, 32, 34, 37). The assembly includes a central green component (7) with various attachments, a yellow arm (9), and an orange arm (38). A dashed line indicates a sub-assembly of parts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, and 38.



FIGURA N° 17: TANQUE COMBUSTIBLE (1/2)

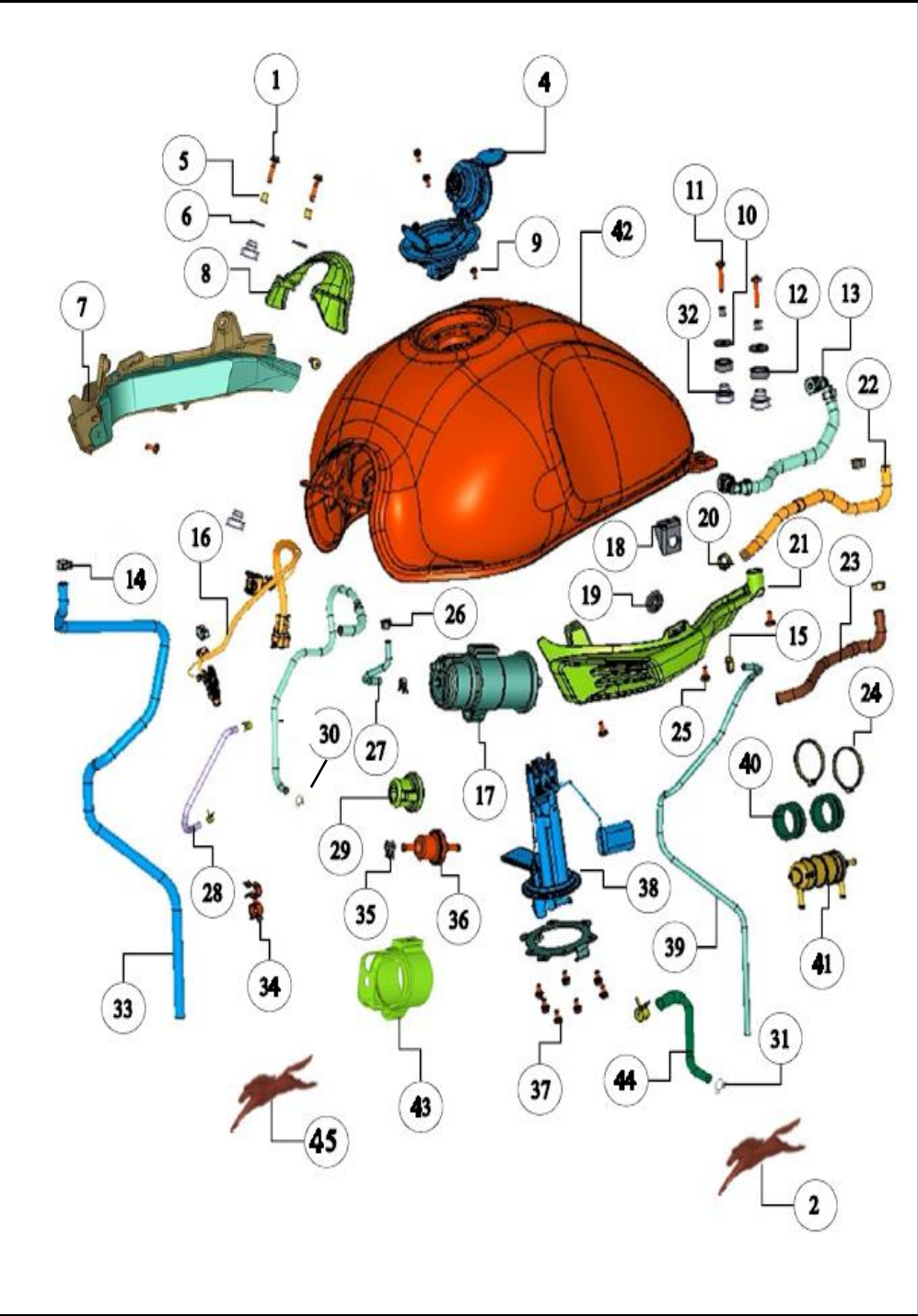


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	A200050	TORNILLO ALLEN M6X25	2	10082178
2	NR221730	LOGO CUBIERTA TANQUE DERECHA	1	10090210
3	N7202240	TORNILLO M5X30	3	10081632
4	NF150530	SWITCH ENCENDIDO COMPLETO	1	10090674
5	N3160220	BUJE	2	10082720
6	0335618	ARANDELA 6.5X20.0X1.6	2	10080649
7	NR221220	CUBIERTA TANQUE LAT. DERECHA	1	10090277
8	NF229280	CUBIERTA TAPA TANQUE	1	10090693
9	0332028	TORNILLO CABEZA PLANA M5X8	1	10082215
10	0335876	ARANDELA 6.5X24.0X1.6	2	10080855
11	M1200470	TORNILLO HEXAGONAL M6X30	2	10079663
12	N3140170	CAUCHO ANTIVIBRANTE TANQUE	2	10079696
13	NF140410	MANGUERA INYECTORA	1	10090694
14	R2040400	ABRAZADERA MANGUERA FILTRO	1	10080477
15	N8040370	ABRAZADERA MANGUERA CHOKE	1	10079726
16	NF161110	MANGUERA BOMBA COMBUSTIBLE	1	10090695
17	N9141840	CANISTER	1	10081242
18	NR220410	PASTILLA METALICA	2	10090696
19	K122810	ANTIVIBRANTE	2	10079630
20	NB140110	ABRAZADERA 120	4	10082857
21	NF229360	CUBIERTA TANQUE INTERNA LAT. IZQ.	1	10090276
22	NF140400	MANGUERA FILTRO SALIDA	1	10090697
23	NF140390	MANGUERA SALIDA BOMBA	1	10090698

FIGURA N° 17: TANQUE COMBUSTIBLE (2/2)

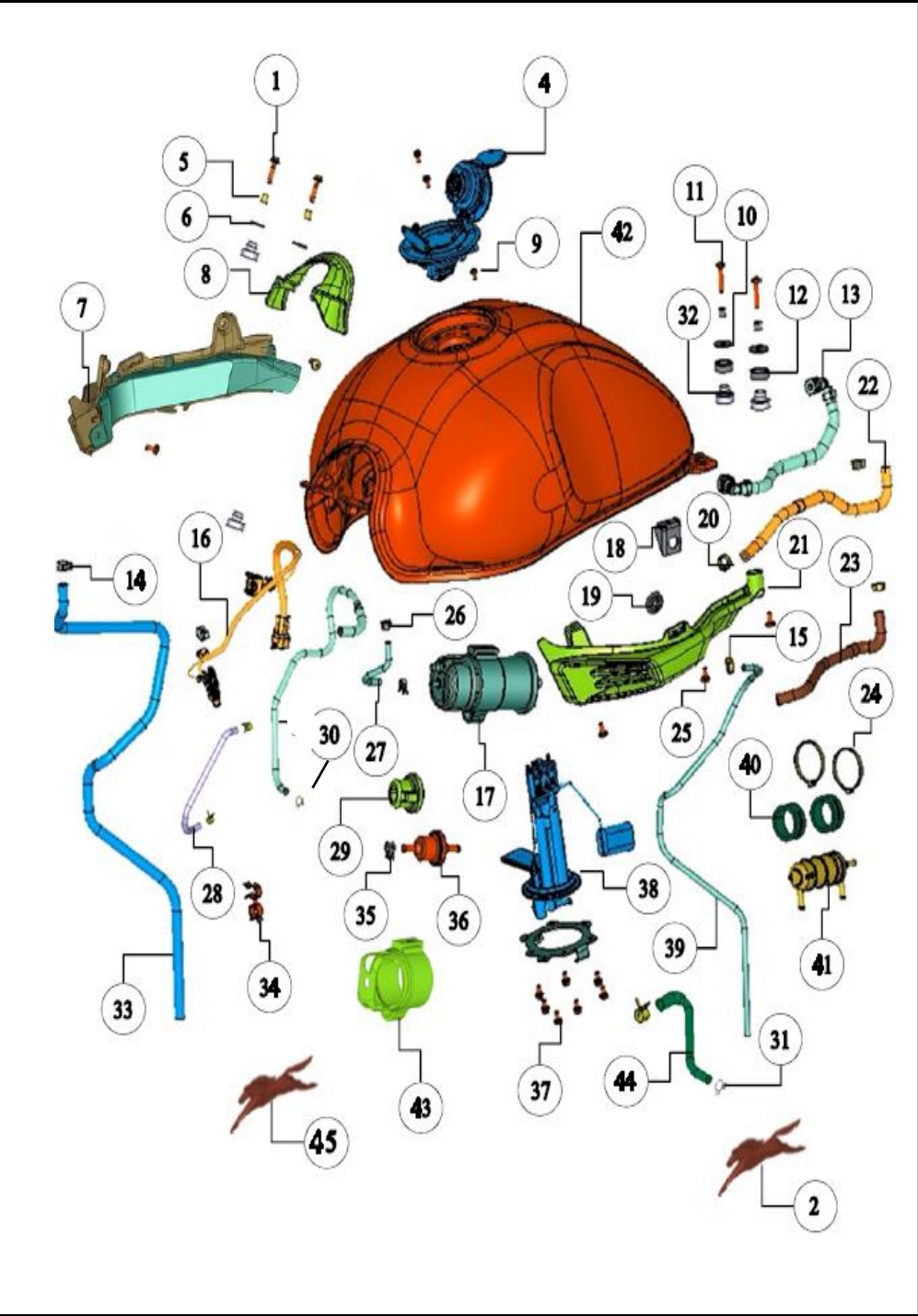


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
24	N7160620	CORREA PLASTICA CABLE	2	10080953
25	P3200010	TORNILLO M6X12	6	10079775
26	N4200130	ABRAZADERA MANGUERA NP.090	1	10079704
27	N3140450	MANGUERA CANISTER	1	10090699
28	NF140500	MANGUERA VÁLVULA PURGA	1	10090700
29	NF160690	PROTECTOR VÁLVULA PURGA	1	10090701
30	414147000	ABRAZADERA MANGUERA	1	10078625
31	N3140160	ABRAZADERA	4	10079695
32	N3140520	PIN AJUSTE TANQUE	1	10082231
33	NB140080	MANGUERA	1	10082856
34	R1040460	GUIA ABRAZADERA MANGUERA	2	10081469
35	N7060210	ABRAZADERA VALVULA PURGA	1	10081301
36	NF140670	FILTRO CANISTER	1	10090702
37	N8200060	TORNILLO HEXAGONAL M6X10	7	10079730
38	NF140380	BOMBA GASOLINA	1	10090234
39	N9142220	MANGUERA DRENAJE	1	10080814
40	N7140240	SOPORTE CAUCHO	2	10080759
41	N9142140	FILTRO GASOLINA	1	10079585
42	NF140320GC	TANQUE COMBUSTIBLE NARANJA	1	10090295
42A	NF140320FC	TANQUE COMBUSTIBLE GRIS	1	10090294
43	N9142240	PROTECTOR CANISTER	1	10080994
44	N9142060	MANGUERA	1	10081139
45	NR221720	3D LOGO FUEL TANK IZQUIERDO	1	10090209

This exploded view diagram illustrates the assembly of a vehicle chassis and body. The components are numbered 1 through 40. Key parts include:

- Engine and Drivetrain:** Components 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40.
- Chassis and Suspension:** Components 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40.
- Body and Trim:** Components 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40.

The diagram uses color-coding to group related components: green for the engine and drivetrain, yellow for the chassis and suspension, blue for the body and trim, and purple for the interior and exterior panels. Arrows and small icons indicate the assembly points for each part.



This exploded view diagram illustrates the assembly of a vehicle chassis. The components are numbered 1 through 40. Key parts include:

- 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 40:** Various structural beams, cross-members, and mounting brackets, many of which are yellow.
- 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38:** Additional structural components, including a large purple U-shaped member (22) and a yellow curved member (38).
- 15, 39:** Components featuring the "FORN" (Ford) logo in purple.
- 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 40:** Various fasteners, including bolts, nuts, and washers, shown in small quantities.



This exploded view diagram illustrates the assembly of a mechanical component, likely a handle or grip. The parts are numbered 1 through 33. The main components include a large brown handle (21), a purple curved bracket (8), a black curved bracket (7), a red curved bracket (22), and a blue curved bracket (10). The assembly involves various screws, bolts, and washers (1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33). Two screwdrivers are shown: a green one (27) and a blue one (28). The diagram is set against a white background with a black border.



This exploded view diagram illustrates the assembly of a mechanical component, likely a handle or control lever. The parts are numbered 1 through 33. The main assembly sequence involves attaching various internal components (1-11, 13-16, 18-22, 24-26, 32, 33) to a central brown housing (21). Two screwdrivers, labeled 27 and 28, are shown for assembly. The diagram uses leader lines to connect each part number to its corresponding component.



This diagram illustrates the assembly of a boat hull. It shows the following components and their assembly sequence:

- 1** and **1A**: The main hull sections, shown in brown.
- 2** and **2A**: A white band or strap used to secure the hull sections together.
- 4**: A small black component, likely a pin or clip, used to secure the hull sections.
- 5**: A red rectangular component, likely a base plate or support, used to secure the hull sections.
- 6**: A black component, likely a pin or clip, used to secure the hull sections.

TVS 

This exploded view diagram illustrates the components of a vehicle headlight assembly. The central component is the headlight housing (9), which features a green body and a purple lens. Surrounding it are various mounting and adjustment parts:

- 1**: Yellow upper mounting bracket.
- 2**: Red lower mounting bracket.
- 3**: Two screws for the red bracket and one for the housing.
- 4**: A set of three screws and two green spacers for the upper bracket.
- 5**: A set of two screws and two green spacers for the lower bracket.
- 6**: Two black plastic clips.
- 7**: A black plastic clip.
- 8**: A metal mounting plate.
- 10**: A metal bracket for the mounting plate.
- 11**: A set of two screws and two green spacers for the mounting plate.



FIGURA N° 22: MANUBRIO(1/2)

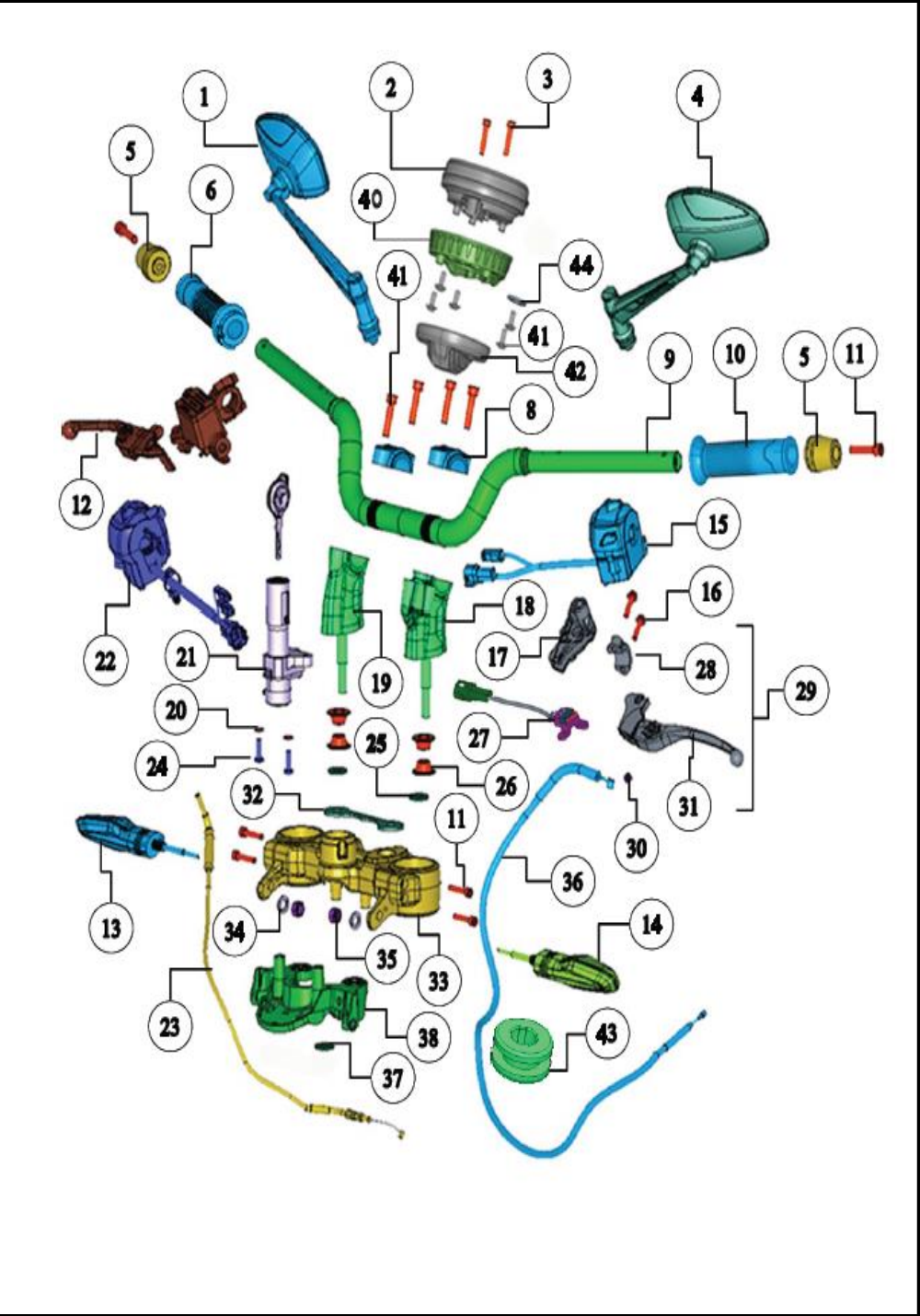


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF228240	ESPEJO DERECHO	1	10090215
2	NF160650	VELOCÍMETRO DIGITAL	1	10090252
3	N9200150	TORNILLO M6X30	6	10079931
4	NF228230	ESPEJO IZQUIERDO	1	10090214
5	N9152290	PESA MANUBRIO	2	10083846
6	N9221170	MANILAR DERECHO	1	10078270
7	N9111300	JGO PASTAS FRENO DELANTERO	1	10078114
8	NF150420	SOPORTE MANILLAR SUPERIOR	2	10090724
9	NF150410	MANUBRIO	1	10090213
10	N9221070	MANILAR IZQUIERDO	1	10078305
11	N3200180	TORNILLO HEXAGONO M8X35	6	10081594
12	NF1503305D	LEVA FRENO	1	10090248
13	NF229290	DIRECCIONAL LED DELANTERA DERECHA	1	10090255
14	NF226470	DIRECCIONAL LED DELANTERA IZQUIERDA	1	10090254
15	NF160880	COMANDO IZQUIERDO	1	10090261
16	N2200500	TORNILLO M6X25	2	10079690
17	NF150320	SOPORTE LEVA CLUTCH	1	10086629
18	NF150490	SOPORTE MANUBRIO IZQUIERDO	1	10090725
19	NF150500	SOPORTE MANUBRIO DERECHO	1	10090726
20	P1200050	ARANDELA ONDULADA 6.5	2	10079942
21	NF150530	SWICHE ENCENDIDO COMPLETO	1	10090674
22	NF160870	COMANDO DERECHO	1	10090262

FIGURA N° 22: MANUBRIO (2/2)

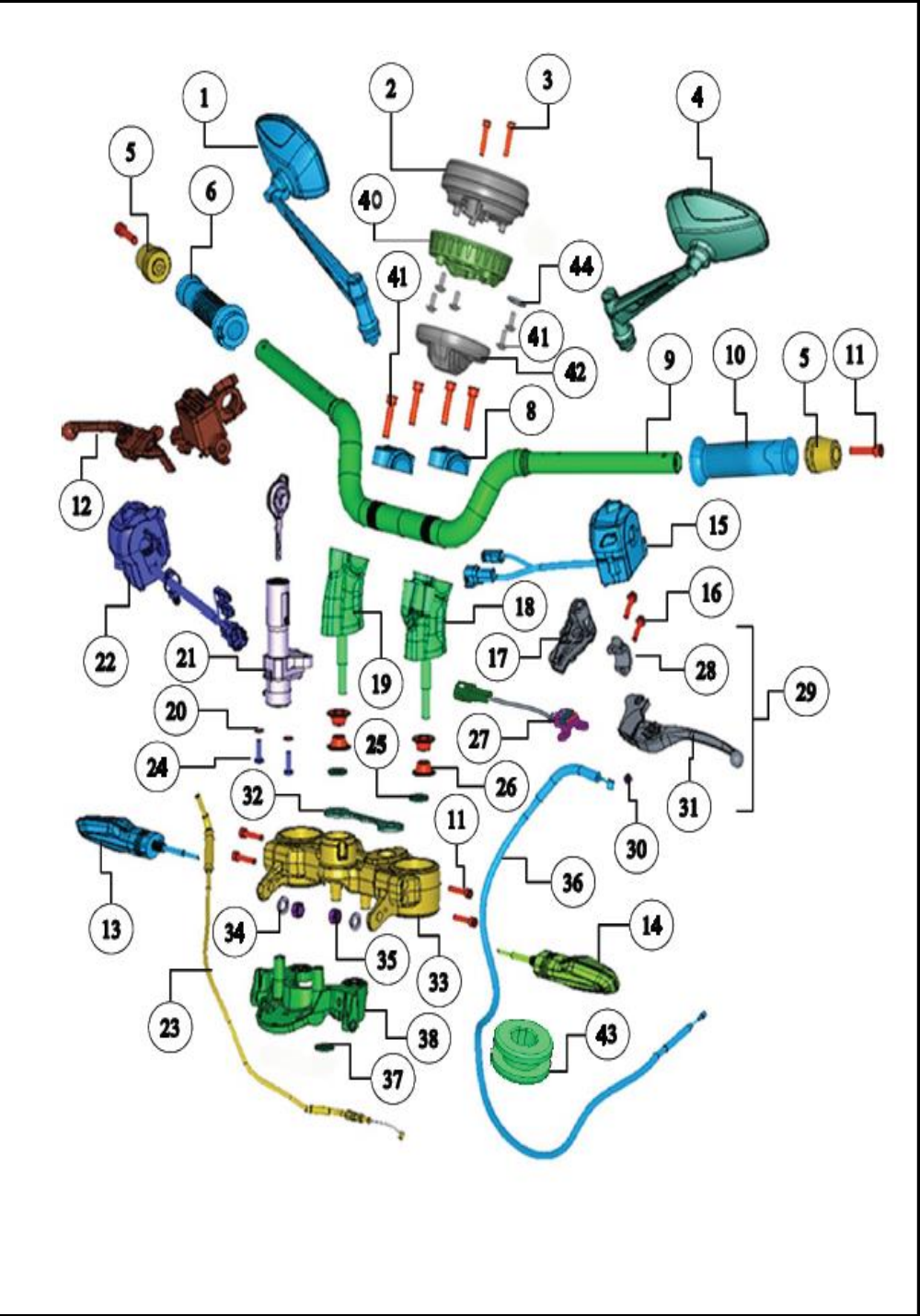


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
23	NF170020	CABLE ACELERADOR	1	10090231
24	420518700	TORNILLO MOTOR M6X20	2	10080654
25	NR150270	ARANDELA	4	10090727
26	NF150550	BUJE	4	10090728
27	NF160990	SWICHE CLUTCH	1	10090729
28	NF150260	ABRAZADERA LEVA CLUTCH	1	10089524
29	NF1503105D	LEVE CLUTCH COMPLETA	1	10090730
30	415021000	TUERCA HEXAGONAL M5	1	10079620
31	NF1503005D	LEVA CLUTCH SOLA	1	10090230
32	NR150080	PLATINA SOPORTE	1	10090731
33	NF100270	CABEZA ESPIGA	1	10090216
34	0330328	ARANDELA M10	2	10080853
35	0334038	TUERCA HEXAGONO M10X1.25	2	10081175
36	NF070210	CABLE CLUTCH	1	10090218
37	0335628	ARANDELA 10.5X24X2.3	2	10079611
38	NF229350	SOPORTE CABEZA ESPIGA	1	10090723
39	N3200180	TORNILLO HEXAGONO M8X35	4	10081594
40	NF229910	SOPORTE VELOCIMETRO	1	10090732
41	K2200080	TORNILLO M6X16	5	10080889
42	NR220590	CUBIERTA INFERIOR VELOCÍMETRO	1	10090733
43	N3120130	ANTIVIBRANTE	3	10080275
44	0335928	ARANDELA 6.5X18.0X1.6	3	10082662

[illegible]

This diagram illustrates the exploded view of a hydraulic cylinder assembly, with components numbered 1 through 30. The assembly is organized into three main sections:

- Top Section (Piston and Rod End):**
 - 30 (Piston Assembly):** Includes the piston rod (6), piston (7), piston seal (8), piston seal retainer (11), piston seal retainer nut (10), piston seal retainer lock (12), piston seal retainer lock nut (13), piston seal retainer lock washer (16), and piston seal retainer lock nut (17).
 - 4 (Piston Seal Kit):** Includes the piston seal (5), piston seal retainer (9), and piston seal retainer nut (15).
 - 18 (Rod End Assembly):** Includes the rod end nut (18) and rod end lock (18).
- Middle Section (Rod and Spring):**
 - 24 (Rod):** The main rod of the cylinder.
 - 26 (Rod Seal Kit):** Includes the rod seal (26) and rod seal retainer (27).
- Bottom Section (Cylinder Body and Mounting):**
 - 29 (Cylinder Body Assembly):** Includes the cylinder body (14), cylinder head (19), cylinder head seal (20), cylinder head seal retainer (21), cylinder head seal retainer nut (22), cylinder head seal retainer lock (23), cylinder head seal retainer lock nut (25), and cylinder head seal retainer lock washer (28).
 - 1 (Main Assembly):** The overall assembly, including the cylinder body (14), rod (24), and rod seal kit (26).



This exploded view diagram illustrates the assembly of a motorcycle wheel. The components are numbered as follows:

- 1**: Axle nut (orange)
- 2**: Axle spacer (black)
- 3**: Axle nut (brown)
- 4**: Wheel rim (orange)
- 5**: Wheel hub (blue)
- 6**: Tire
- 7**: Wheel rim (blue)
- 8**: Wheel rim (orange)
- 9**: Wheel rim (orange)
- 10**: Axle nut (green)
- 11**: Axle nut (brown)
- 12**: Axle nut (brown)
- 13**: Axle (green)
- 14**: Axle nut (orange)
- 15**: Axle nut (brown)



This exploded view diagram illustrates the assembly of a wheel. The central components are the tire (5) and the blue wheel rim (18). Surrounding these are various mounting and adjustment parts, including a purple hub (4), a yellow bracket (6,6), a blue bracket (2), a yellow hub (9), a black hub (8), a black hub (14), a blue hub (17), a purple hub (16), a green hub (10), a green hub (12), a green hub (13), a green hub (11), a green hub (20), a green hub (21), a green hub (22), a green hub (23), a green hub (24), a green hub (25), a green hub (26), a green hub (27), a green hub (28), a green hub (3), a green hub (4), a green hub (5), a green hub (6), a green hub (7), a green hub (8), a green hub (9), a green hub (10), a green hub (11), a green hub (12), a green hub (13), a green hub (14), a green hub (15), a green hub (16), a green hub (17), a green hub (18), a green hub (19), a green hub (20), a green hub (21), a green hub (22), a green hub (23), a green hub (24), a green hub (25), a green hub (26), a green hub (27), a green hub (28).



[illegible]

This exploded view diagram illustrates the assembly of a vehicle chassis. The components are numbered as follows:

- 1:** Rear body panel (grey).
- 2, 3:** Shock absorber (orange).
- 4:** Shock absorber mounting pin (purple).
- 5, 8:** Wheel hub and brake disc (black).
- 6:** Wheel axle (yellow).
- 7:** Brake master cylinder (green).
- 9:** Brake master cylinder mounting bracket (black).
- 10:** Drive shaft (orange).
- 11:** Lower control arm (blue).
- 12:** Control arm mounting pin (purple).
- 13:** Control arm bush (purple).
- 14:** Control arm mounting pin (blue).
- 15:** Control arm bush (blue).
- 16, 17, 18, 19:** Drive shaft mounting components (blue, green, yellow).
- 20:** Drive shaft mounting bracket (yellow).
- 21, 22:** Rear suspension cross member (brown).
- 23:** Rear suspension mounting pin (black).
- 24:** Rear suspension mounting pin (black).
- 26, 27:** Rear suspension mounting pins (black).
- 28:** Rear suspension bush (grey).



This exploded view diagram illustrates the assembly of a vehicle chassis. The components are numbered as follows:

- 1:** Main chassis frame (grey).
- 2, 3:** Shock absorber (orange).
- 4:** Shock absorber mounting bracket (purple).
- 5, 6, 7, 8, 9:** Wheel hub and brake components (black and green).
- 10:** Drive shaft (orange).
- 11:** Lower control arm (blue).
- 12:** Control arm mounting bracket (purple).
- 13, 14, 15:** Various bushings and spacers (purple, blue, and black).
- 16, 17, 18, 19:** Axle components (black and yellow).
- 20:** Axle housing (yellow).
- 21, 22:** Axle housing mounting brackets (black).
- 23:** Axle housing mounting bracket (black).
- 24:** Axle housing mounting bracket (black).
- 25:** Axle housing mounting bracket (black).
- 26, 27:** Axle housing mounting brackets (black).
- 28:** Wheel rim (grey).



This diagram illustrates the assembly of a vehicle's electrical system, showing the main components and their interconnections. The parts are numbered as follows:

- 1:** Red ring terminal
- 2:** Black fuse block
- 3:** Purple cable with connector
- 4:** Brown cable with connector
- 5:** Grey cable with connector
- 6:** Yellow battery
- 7:** Grey metal bracket
- 8:** Blue cable reel
- 9:** Grey cable with connector
- 10:** Grey cable with connector
- 11:** Red ring terminal
- 12:** Small black components
- 13:** Purple fuse box
- 14:** Grey metal bracket
- 15:** Grey cable with connector
- 16:** Purple cable with connector
- 17:** Grey metal bracket
- 18:** Grey metal bracket
- 19:** Grey cable with connector
- 20:** Grey cable with connector
- 21:** Red ring terminal
- 22:** Grey metal bracket
- 23:** Purple cable with connector
- 24:** Blue ring terminal
- 25:** Red ring terminal
- 26:** Red ring terminal
- 27:** Red ring terminal
- 28:** Red ring terminal
- 29:** Grey cable with connector
- 30:** Blue cable with connector
- 31:** Green cable with connector



This diagram illustrates the components of a vehicle's electrical system, including the battery, alternator, starter motor, and various wiring harnesses and connectors. The parts are numbered 1 through 31 for identification.

- 1: Red ring terminal
- 2: Black fuse block
- 3: Purple cable with terminal
- 4: Brown cable with terminal
- 5: Grey cable with terminal
- 6: Yellow battery
- 7: Grey metal bracket
- 8: Blue cable with terminal
- 9: Grey cable with terminal
- 10: Grey cable with terminal
- 11: Red ring terminal
- 12: Small black connector
- 13: Purple fuse block
- 14: Grey metal bracket
- 15: Grey cable with terminal
- 16: Purple cable with terminal
- 17: Grey metal bracket
- 18: Grey metal bracket
- 19: Grey cable with terminal
- 20: Grey cable with terminal
- 21: Red ring terminal
- 22: Grey metal bracket
- 23: Purple cable with terminal
- 24: Blue cable with terminal
- 25: Red ring terminal
- 26: Red ring terminal
- 27: Red ring terminal
- 28: Red ring terminal
- 29: Grey cable with terminal
- 30: Blue cable with terminal
- 31: Green cable with terminal



This diagram shows an exploded view of a mechanical assembly, likely a valve actuator. The parts are numbered 1 through 40. The assembly is organized into two main sections. The upper section includes a large green component (15) and a yellow component (9). The lower section, enclosed in a dashed box, contains a red component (20) and a green component (29). The parts are arranged in a way that shows their relative positions and how they fit together.

Key components and their connections include:

- Part 1 (blue cap) connects to Part 2 (purple O-ring).
- Part 2 connects to Part 3 (purple O-ring).
- Part 3 connects to Part 4 (purple O-ring).
- Part 4 connects to Part 5 (purple O-ring).
- Part 5 connects to Part 6 (purple O-ring).
- Part 6 connects to Part 7 (purple O-ring).
- Part 7 connects to Part 8 (purple O-ring).
- Part 8 connects to Part 9 (yellow plate).
- Part 9 connects to Part 10 (purple plate).
- Part 10 connects to Part 11 (red plate).
- Part 11 connects to Part 12 (purple O-ring).
- Part 12 connects to Part 13 (purple O-ring).
- Part 13 connects to Part 14 (purple O-ring).
- Part 14 connects to Part 15 (large green component).
- Part 15 connects to Part 16 (yellow component).
- Part 16 connects to Part 17 (yellow component).
- Part 17 connects to Part 18 (yellow component).
- Part 18 connects to Part 19 (yellow component).
- Part 19 connects to Part 20 (red component).
- Part 20 connects to Part 21 (green component).
- Part 21 connects to Part 22 (green component).
- Part 22 connects to Part 23 (green component).
- Part 23 connects to Part 24 (green component).
- Part 24 connects to Part 25 (green component).
- Part 25 connects to Part 26 (green component).
- Part 26 connects to Part 27 (green component).
- Part 27 connects to Part 28 (green component).
- Part 28 connects to Part 29 (green component).
- Part 29 connects to Part 30 (green component).
- Part 30 connects to Part 31 (green component).
- Part 31 connects to Part 32 (green component).
- Part 32 connects to Part 33 (green component).
- Part 33 connects to Part 34 (green component).
- Part 34 connects to Part 35 (green component).
- Part 35 connects to Part 36 (green component).
- Part 36 connects to Part 37 (green component).
- Part 37 connects to Part 38 (green component).
- Part 38 connects to Part 39 (green component).
- Part 39 connects to Part 40 (green component).

TVS 

This exploded view diagram illustrates the assembly of a mechanical component, likely a valve or actuator. The parts are numbered 1 through 40. The assembly is organized into two main sections, with the lower section (parts 20-40) enclosed in a dashed box.

Top Section (Parts 1-19):

- Part 1:** A blue O-ring.
- Part 2:** A purple O-ring.
- Part 3:** A purple O-ring.
- Part 4:** A purple O-ring.
- Part 5:** A purple O-ring.
- Part 6:** A purple O-ring.
- Part 7:** A purple O-ring.
- Part 8:** A yellow rectangular plate.
- Part 9:** A yellow rectangular plate.
- Part 10:** A purple rectangular plate.
- Part 11:** A green rectangular plate.
- Part 12:** A brown curved bracket.
- Part 13:** A brown curved bracket.
- Part 14:** A brown curved bracket.
- Part 15:** A large brown L-shaped bracket.
- Part 16:** A small brown rectangular plate.
- Part 17:** A small brown rectangular plate.
- Part 18:** A small brown rectangular plate.
- Part 19:** A small brown rectangular plate.

Bottom Section (Parts 20-40):

- Part 20:** A large brown L-shaped bracket.
- Part 21:** A small brown rectangular plate.
- Part 22:** A small brown rectangular plate.
- Part 23:** A small brown rectangular plate.
- Part 24:** A small brown rectangular plate.
- Part 25:** A small brown rectangular plate.
- Part 26:** A small brown rectangular plate.
- Part 27:** A small brown rectangular plate.
- Part 28:** A small brown rectangular plate.
- Part 29:** A small brown rectangular plate.
- Part 30:** A small brown rectangular plate.
- Part 31:** A small brown rectangular plate.
- Part 32:** A small brown rectangular plate.
- Part 33:** A small brown rectangular plate.
- Part 34:** A small brown rectangular plate.
- Part 35:** A small brown rectangular plate.
- Part 36:** A small brown rectangular plate.
- Part 37:** A small brown rectangular plate.
- Part 38:** A small brown rectangular plate.
- Part 39:** A small brown rectangular plate.
- Part 40:** A small brown rectangular plate.



FIGURA N° 29: CALIPER TRASERO

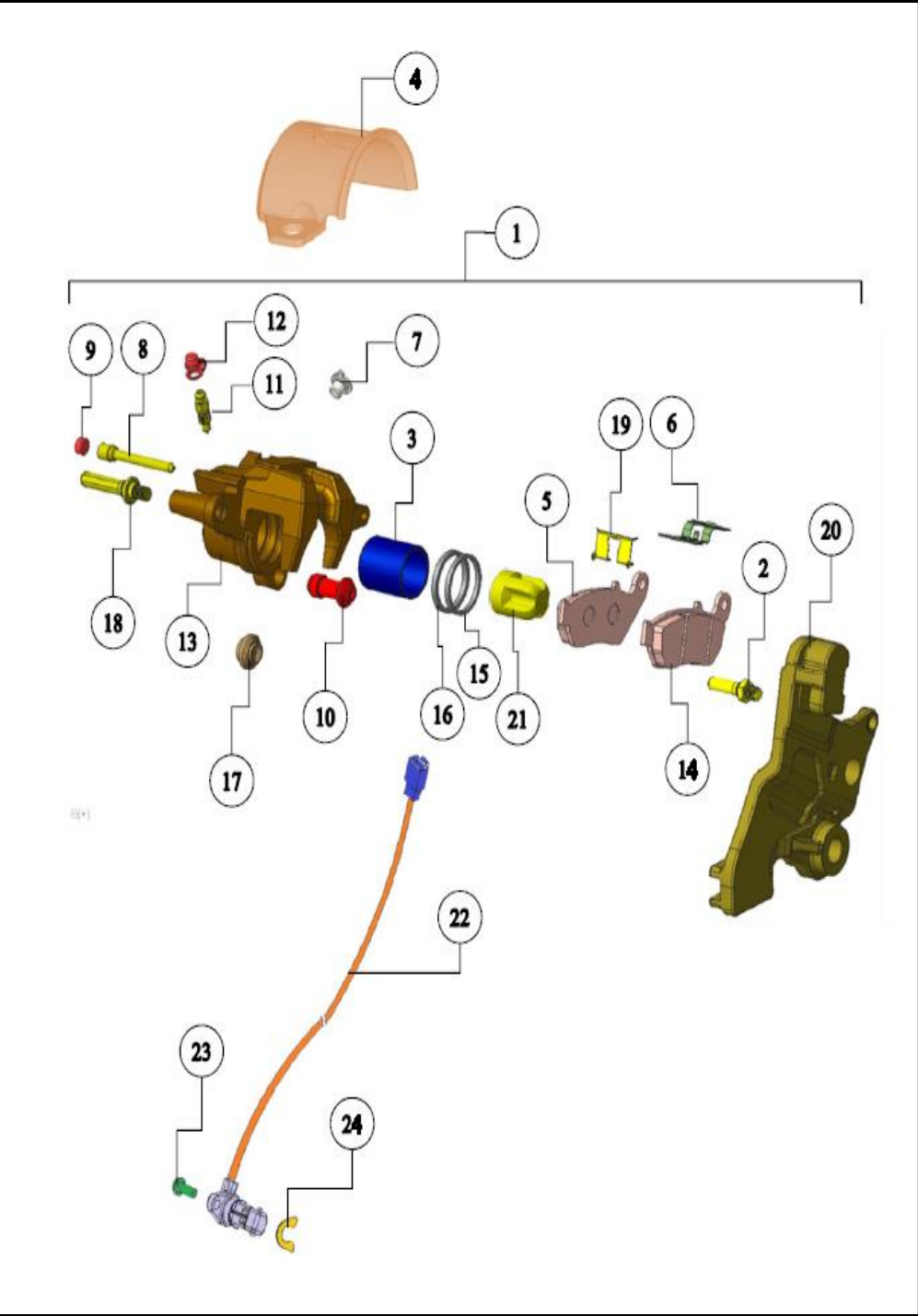


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9114110	CALIPER TRASERO COMPLETO	1	10078677
2	N9324600	PIN BOLT B	1	10081564
3	N9322190	PISTON	1	10078567
4	NR110070	CUBIERTA CALIPER	1	10090755
5	N9322240	KIT PASTAS FRENO TRASERA	1	10078107
6	N9322190	RESORTE(EN KIT FIG.13)	1	10078567
7	N9322190	TAPÓN(EN KIT FIG.13)	1	10078567
8	N9322190	PASADOR CALIPER(EN KIT FIG.13)	1	10078567
9	N9322190	TAPON TORNILLO(EN KIT FIG.13)	1	10078567
10	N9322190	BOTÓN B(EN KIT FIG.13)	1	10078567
11	N9322250	TORNILLO SANGRADO	1	10081600
12	N9322250	TAPÓN SANGRADO	1	10081600
13	N9322190	CUERPO PINZA TRASERA	1	10078567
14	N9322240	KIT PASTAS FRENO TRASERA	1	10078107
15	N9322190	SELLO PISTÓN(EN KIT FIG.13)	1	10078567
16	N9322190	SELLO DE POLVO(EN KIT FIG.13)	1	10078567
17	N9322190	PASADOR DEL BUJE(EN KIT FIG.13)	1	10078567
18	N9324600	PERNO A	1	10081564
19	N9324600	PLACA BRKT	1	10081564
20	N9324600	PLATNIA SOPORTE CALIPER	1	10081564
21	N9324500	ANTIVIBRANTE PISTON CALIPER	1	10081011
22	N9113110	SENSOR VELOCIDAD	1	10081237
23	0331708	TORNILLO CABEZA M5X12	1	10081043
24	N9113370	CUÑA SENSOR DE VELOCIDAD	1	10080801

FIGURA N° 30: SISTEMA FRENOS ABS

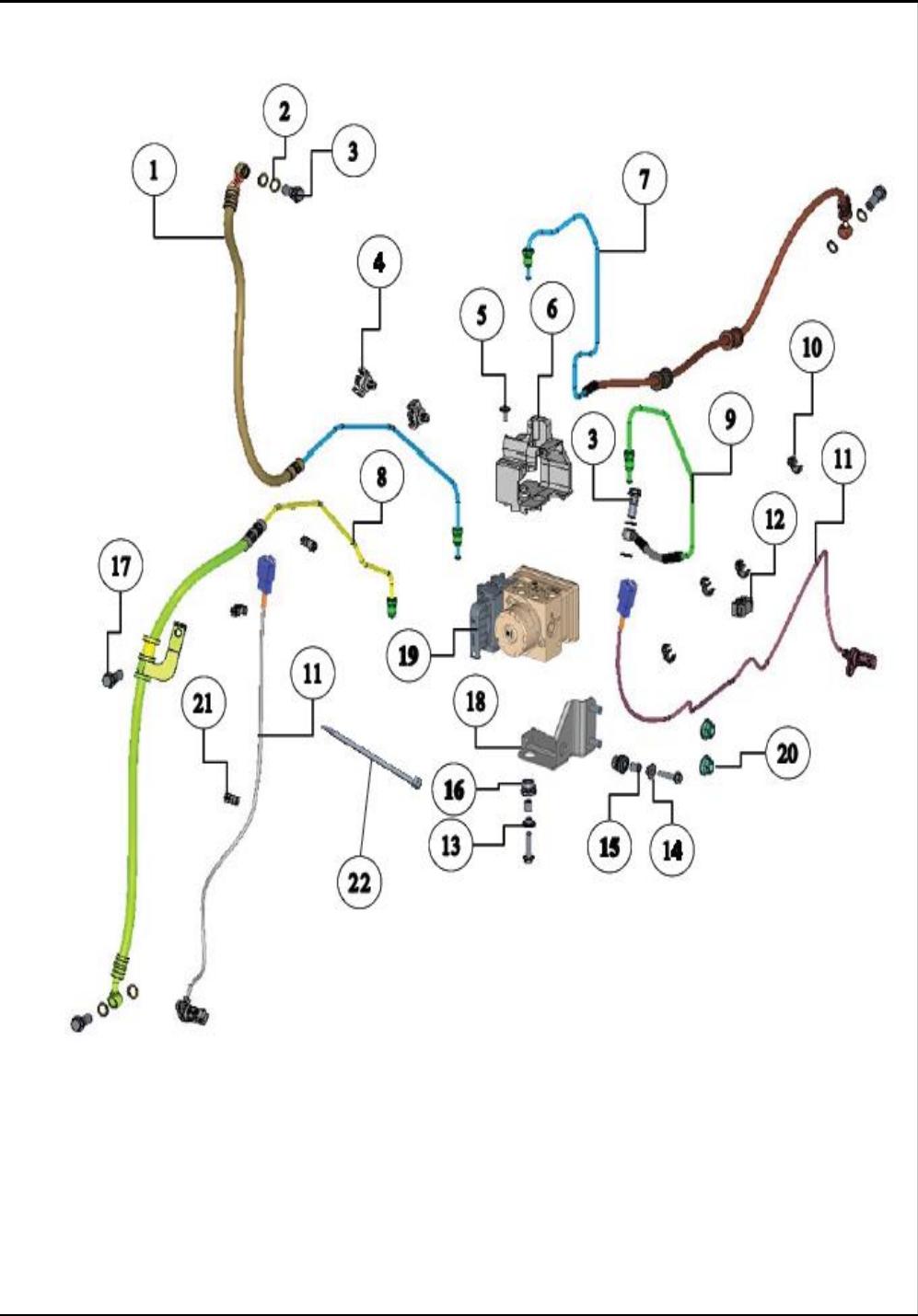


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF110980	MANGUERA FRENO DELANTERO	1	10090756
2	N9111330	ARANDELA MANGUERA FRENO	8	10082838
3	M7110330	TORNILLO BANJO M10X1025	4	10080728
4	NF111360	GUÍA FRENO	2	10090757
5	N8200090	TORNILLO M5X15	1	10082833
6	NF111010	SOPORTE MODULO ABS	1	10090758
7	N9114500	MANGUERA FRENO TRASERO A CALIPER	1	10082604
8	NF110990	MANGUERA FRENO DELANTERO A CALIPER	1	10090759
9	NF111000	MANGUERA TRASERA	1	10090760
10	N9125680	GUIA CABLE	4	10080984
11	N9113110	SENSOR VELOCIDAD	2	10081237
12	N9125720	GUIA CABLE	1	10086642
13	N2200500	TORNILLO HEXAGONAL M6X25	2	10079690
14	N9051860	TUERCA M6	2	10078558
15	N3160220	BUJE	2	10082720
16	N9125690	ANTIBIVRANTE	2	10080804
17	M1200520	TORNILLO HEXAGONAL M6X16	1	10082181
18	N9114820	SOPORTE INFERIOR MODULO ABS	1	10086808
19	NF321250	MODULO ABS DOBLE CANAL	1	10090618
20	M1200890	TUERCA M8X1,25	2	10079666
21	N9125730	GUIA CABLE	3	10086641
22	N9161910	ABRAZADERA	1	10086460

TVS 

1. A black motorcycle saddlebag with a top handle and a side strap.

2. A black motorcycle saddlebag with a top handle and a side strap, shown from a different angle.

3. A silver motorcycle handlebar with a clamp and a mounting bracket.

4. A black motorcycle handlebar with a clamp and a mounting bracket.

5. A clear motorcycle wind deflector with two mounting brackets.

6. A black motorcycle footpeg with a silver plate.

7. A black motorcycle grip with a silver plate.

8. A black motorcycle handlebar with a clamp and a mounting bracket, shown with a silver plate.



FIGURA N° 33: PARTES PINTADAS MOTO NARANJA



FIG. No.	PORTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF228270HG	GUARDABARRO DELANTERO NARANJA	1	10090285
2	NF2282505D	GUARDABARRO DELANTERO COMPLEMENTO	1	10090292
3	NF140320GC	TANQUE COMBUSTIBLE NARANJA	1	10090295
4	NR221220	CUBIERTA TANQUE INTERNA LAT. DER	1	10090277
5	NF229360	CUBIERTA TANQUE INTERNA LAT. IZQ.	1	10090276
6	NF228240	ESPEJO DERECHO	1	10090215
7	NF228230	ESPEJO IZQUIERDO	1	10090214
8	NF228810GC	TAPA LATERAL DERECHA NARANJA	1	10090281
9	NF228800GC	TAPA LATERAL IZQUIERDA NARANJA	1	10090283
10	NF228839	CUBIERTA CHASIS IZQUIERDA	1	10090706
11	NF228829	CUBIERTA CHASIS DERECHA	1	10090705
12	NR220850	REJILLA INTERNA DERECHO	1	10090279
13	NF229950	REJILLA INTERNA IZQUIERDA	1	10090278
14	NF228510HG	GUARDABARRO TRASERO NARANJA	1	10090287
15	NR220679	CUBIERTA MOTOR DERECHA	1	10090274
16	NR220669	CUBIERTA MOTOR IZQUIERDA	1	10090273
17	NR220689	CUBIERTA MOTOR CENTRAL	1	10090275
18	NF228450	AGARRADERA	1	10090227
20	NR221750	LOGO TAPA LATERAL DERECHA	1	10090715
21	NR221740	LOGO TAPA LATERAL IZQUIERDA	1	10090714
22	NR221730	LOGO CUBIERTA TANQUE DERECHA	1	10090210
23	NR221720	LOGO CUBIERTA TANQUE IZQUIERDA	1	10090209

FIGURA N° 34: PARTES PINTADAS MOTO GRIS



FIG. No.	PORTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF228270EH	GUARDABARRO DELANTERO GRIS	1	10090284
2	NF2282505D	GUARDABARRO DELANTERO COMPLEMENTO	1	10090292
3	NF140320FC	TANQUE COMBUSTIBLE GRIS	1	10090294
4	NR221220	CUBIERTA TANQUE INTERNA LAT. DER	1	10090277
5	NF229360	CUBIERTA TANQUE INTERNA LAT. IZQ.	1	10090276
6	NF228240	ESPEJO DERECHO	1	10090215
7	NF228230	ESPEJO IZQUIERDO	1	10090214
8	NF228810FC	TAPA LATERAL DERECHA GRIS	1	10090280
9	NF228800FC	TAPA LATERAL IZQUIERDA GRIS	1	10090282
10	NF228839	CUBIERTA CHASIS IZQUIERDA	1	10090706
11	NF228829	CUBIERTA CHASIS DERECHA	1	10090705
12	NR220850	REJILLA INTERNA DERECHO	1	10090279
13	NF229950	REJILLA INTERNA IZQUIERDA	1	10090278
14	NF228510EH	GUARDABARRO TRASERO GRIS	1	10090286
15	NR220679	CUBIERTA MOTOR DERECHA	1	10090274
16	NR220669	CUBIERTA MOTOR IZQUIERDA	1	10090273
17	NR220689	CUBIERTA MOTOR CENTRAL	1	10090275
18	NF228450	AGARRADERA	1	10090227
20	NR221750	LOGO TAPA LATERAL DERECHA	1	10090715
21	NR221740	LOGO TAPA LATERAL IZQUIERDA	1	10090714
22	NR221730	LOGO CUBIERTA TANQUE DERECHA	1	10090210
23	NR221720	LOGO CUBIERTA TANQUE IZQUIERDA	1	10090209

LISTA DE KITS

ITEM	REF.	DESCRIPCIÓN	CONTENIDO DEL KIT
1	NR320400	KIT BLOQUE CILINDRICO Y PISTON 6600	Cilindro Negro
			Conjunto Pistón
			Empaque Cilindro
			Empaqu Culata
			Pistón 6600
			Anillos Pistón 6600
2	NF020020	CONJUNTO PISTÓN	Anillo Pistón 2° 6600 Cromado
			Anillo Aceite 6600
			Pin Pistón 15.410
			Circlip 17x1.0 Pistón Pin
			Anillos Pistón 6600
3	N9325440	KIT RETÉN MOTOR	Retén Aceite
			Retén Aceite 20x40x6
			Retén leva clutch 12x18x4
			Retén Aceite Cigüeñal Derecho
4	NF321270	KIT CADENA Y PIÑÓN	Cadena 114
			sprocket 42T
			Piñón salida
5	N9325190	KIT CUNAS DIRECCION	Cuna Inferior
			Cuna Superior
			Rodamientos Canastilla

FICHA TÉCNICA RONIN 225

UNIDAD	
CARACTERISTICA	
Motor	4 tiempos, monocilíndrico 4 válvulas
Cilindrada	225,9 cc.
Potencia Máxima	20,13 @ 7750 rpm
Torque Máximo	19,93 @ 3750 rpm
Transmisión	Mecánica 5 Velocidades
Sistema de Alimentación	Inyección Electrónica
Refrigeración	Aire y Aceite
Diámetro x Carrera	66x66 mm
FRENOS	
Freno Delantero	Disco (300 mm)
Freno Trasero	Disco (240 mm)
SUSPENSION	
Suspensión Delantera	Horquilla Telescópica Invertida
Suspensión Trasera	Monoamortiguador
CAPACIDAD DEL TANQUE	
Lleno	14 L (3,7 gal)
Combustible	Extra
LLANTAS	
Llanta Delantera	110/70 R17
Llanta Trasera	130/70 R17
Rines	Aspas
SISTEMA ELECTRICO	
Sistema de Ignición	ECU
DRL / AHO	Si / Si
Slipper Clutch	Si
ABS	Si
DIMENSIONES	
Largo Total	2040 mm
Altura Total	1170 mm
Ancho Total	805 mm
Distancia Entre Ejes	1400 mm
Altura Al piso	188 mm

