



CATÁLOGO DE PARTES

TVS
Apache
RTR 200 FI4 ABS



WWW.AUTECO.COM.CO/MOTOS



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:

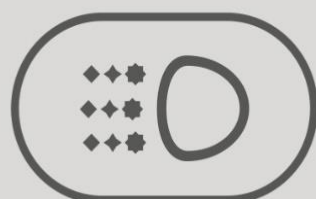
- * Para frenar de forma eficaz, deje de acelerar y utilice la leva de freno delantero y el pedal de freno trasero simultáneamente, de la misma manera que en el sistema de frenos de una motocicleta convencional
- * El ABS no puede compensar las condiciones adversas de la carretera, un error de juicio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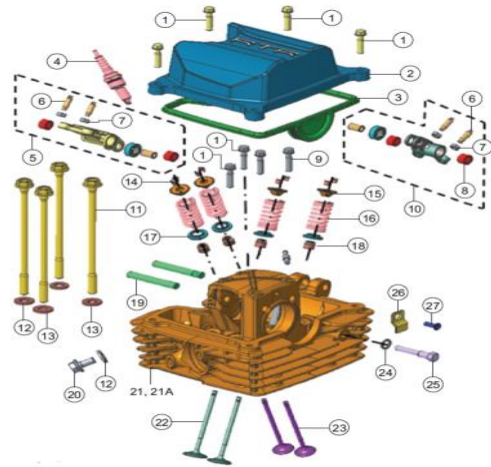


FIGURA N° 1: CULATA

PÁG.N° 1/2

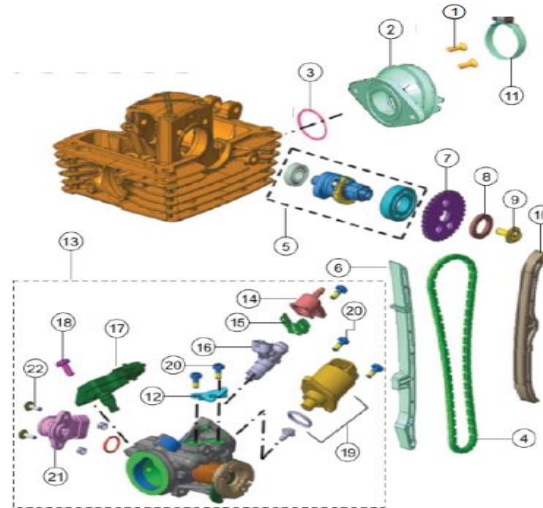


FIGURA N° 2: EJE DE LEVAS / CUERPO INYECTOR

PÁG.N° 3

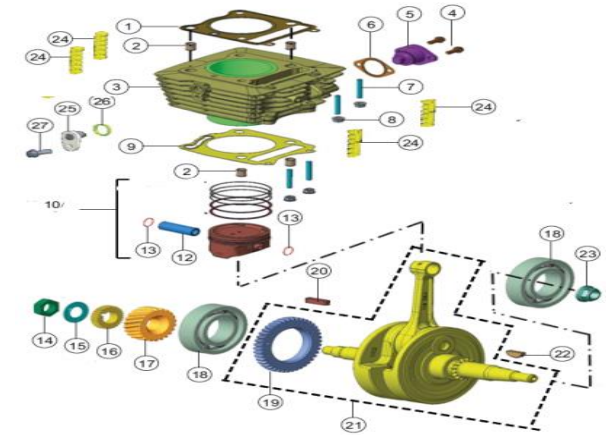


FIGURA N° 3: CILINDRO / PISTÓN / CIGÜEÑAL

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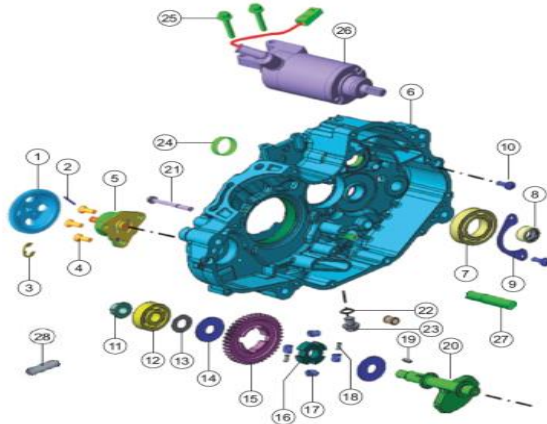


FIGURA N° 4: CARCASA DERECHA /
BALANCEADOR

PÁG.N° 6/7

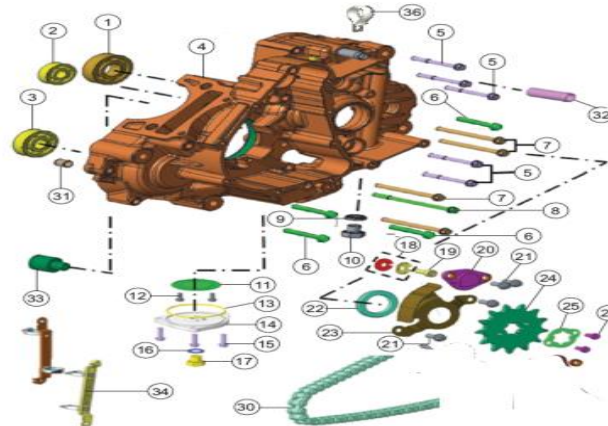


FIGURA N° 5: CARCASA IZQUIERDA

PÁG.N° 8/9

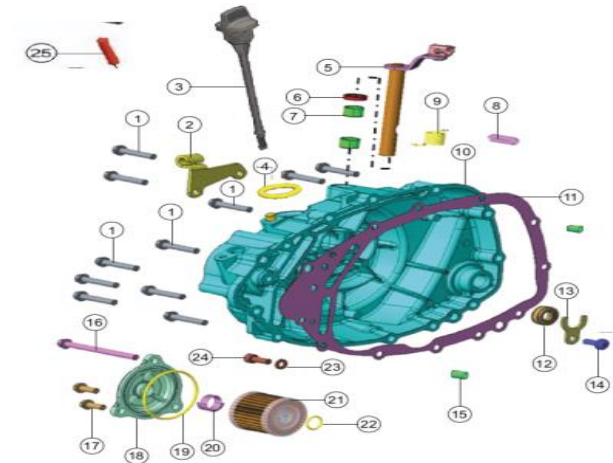
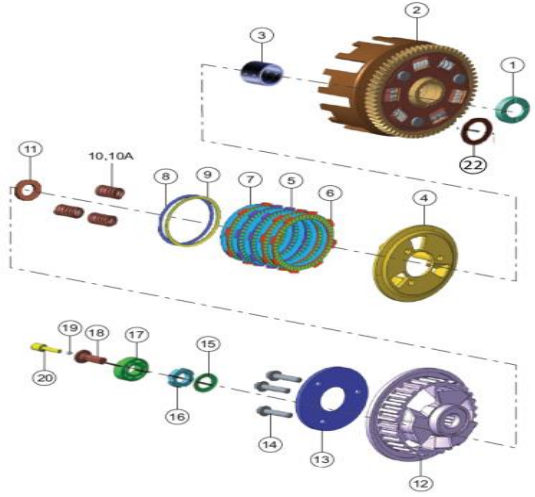
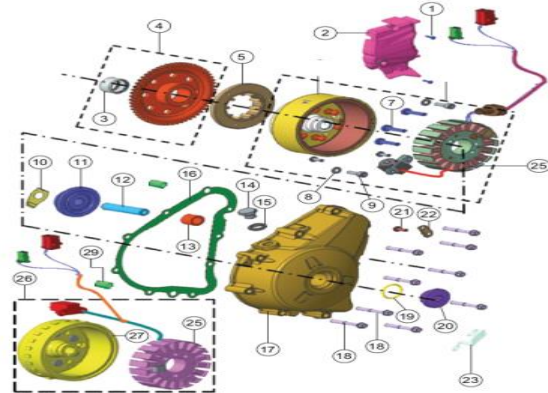
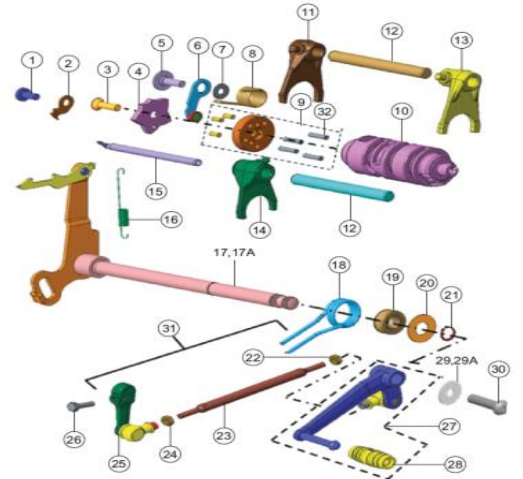
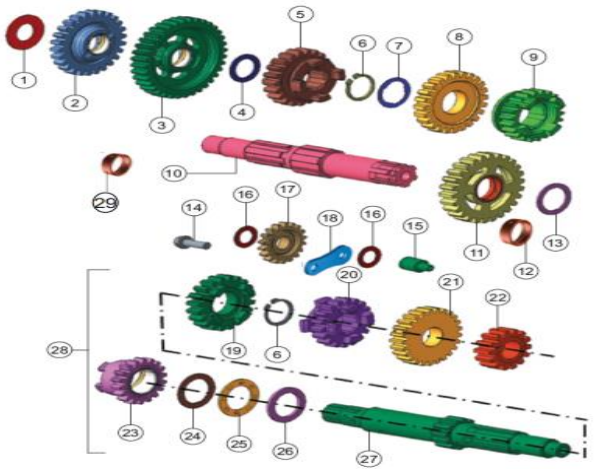
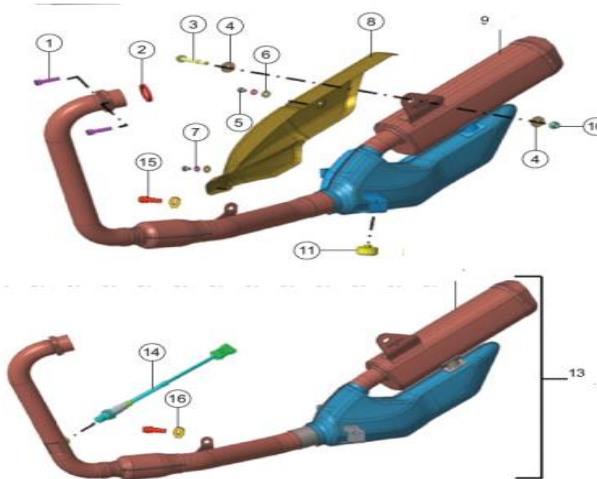
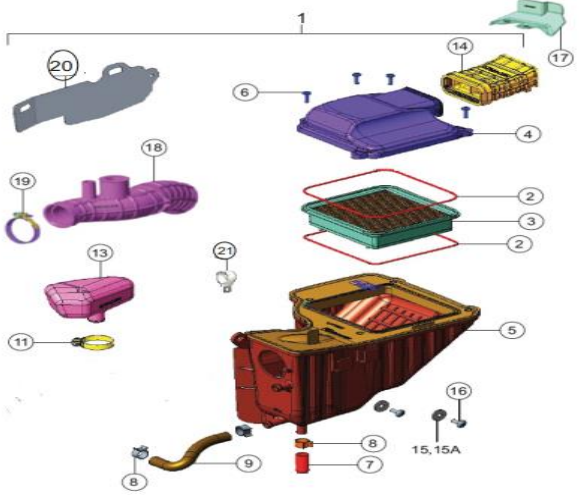


FIGURA N° 6: CUBIERTA CLUTCH

PÁG.N° 10

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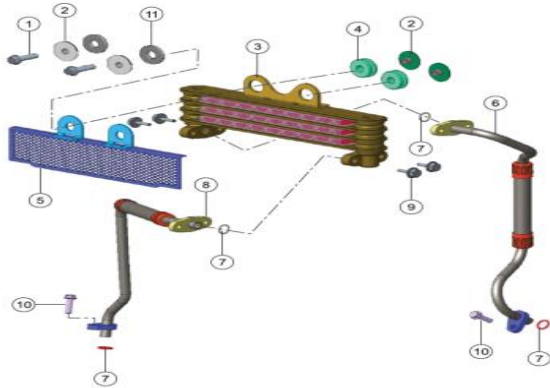


FIGURA N° 13: RADIADOR

PÁG.N°. 20

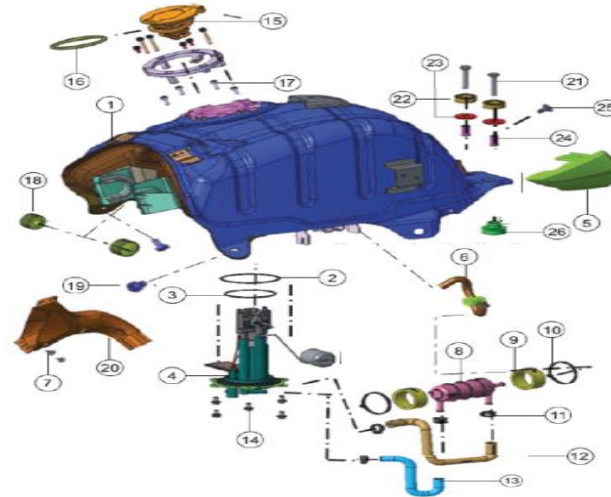


FIGURA N° 14: TANQUE DE GASOLINA

PÁG.N°. 21/22

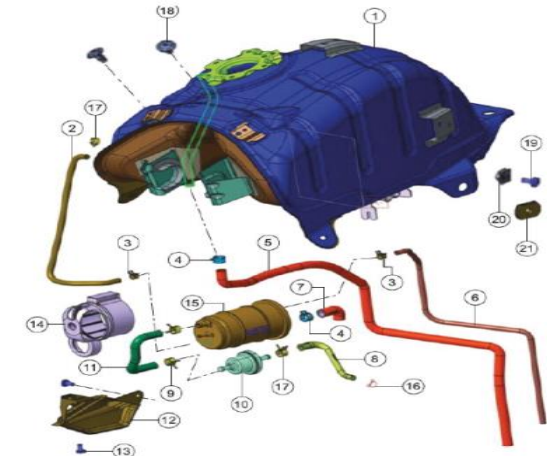


FIGURA N° 15: CANISTER

PÁG.N°. 23

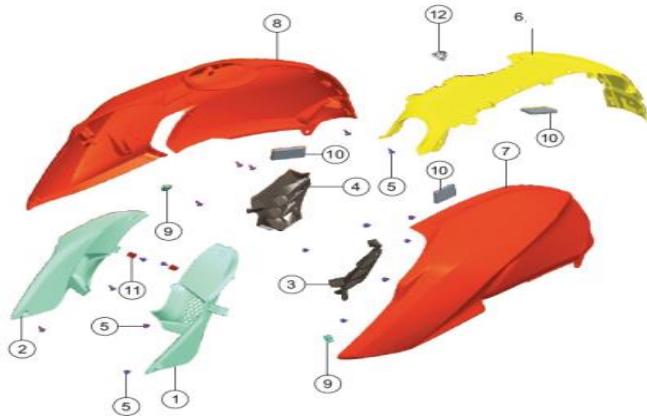


FIGURA N° 16: CUBIERTA TANQUE

PÁG.N°. 24

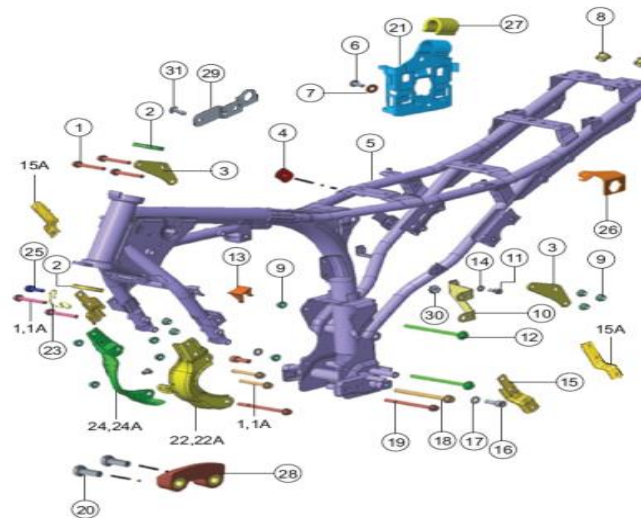


FIGURA N° 17: CHASIS

PÁG.N°. 25

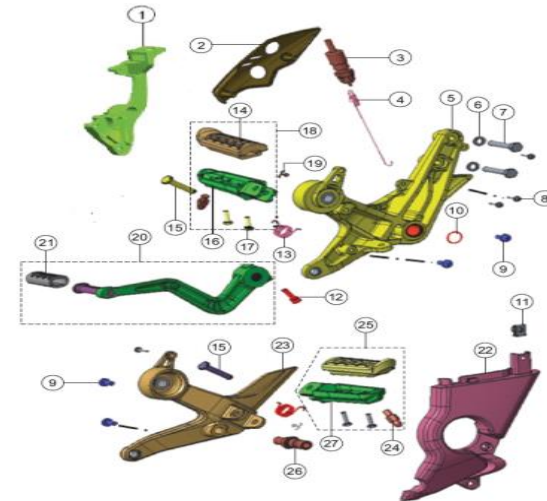


FIGURA N° 18: REPOSAPIE DELANTERO

PÁG.N°. 26/27

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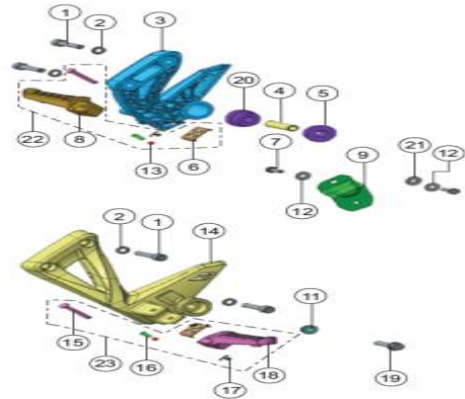


FIGURA N° 19: REPOSAPIE TRASERO

PÁG.N° 28

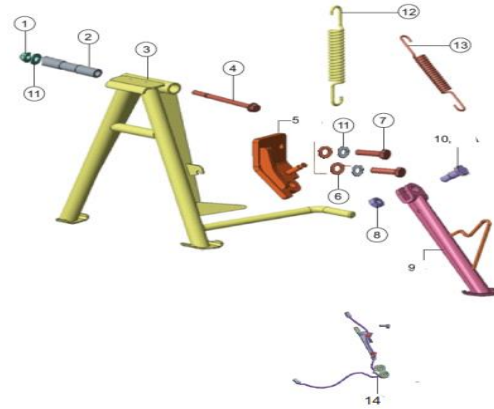


FIGURA N° 20: GATO CENTRAL / GATO LATERAL

PÁG.N° 29

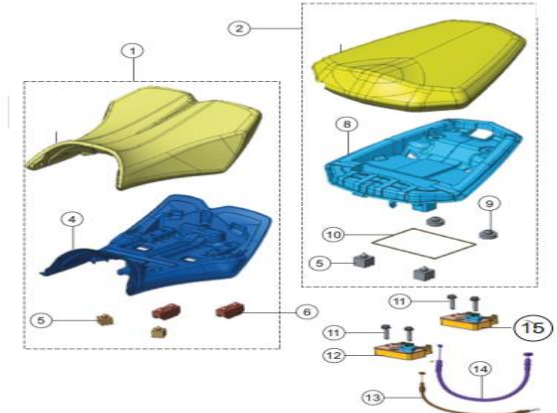


FIGURA N° 21: SILLÍN

PÁG.N° 30

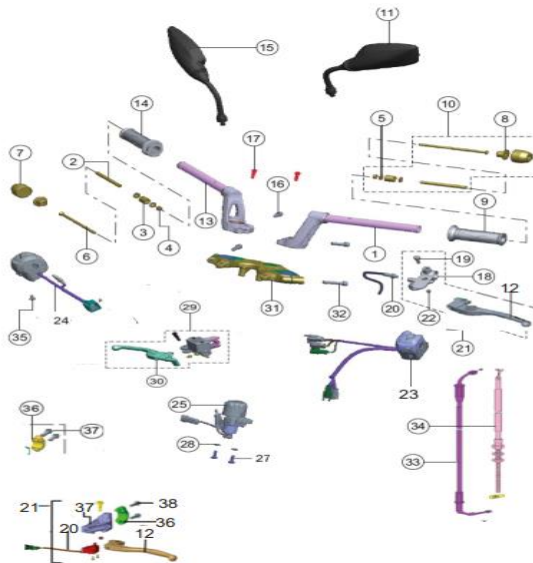


FIGURA N° 22: MANUBRIO

PÁG.N° 31/32

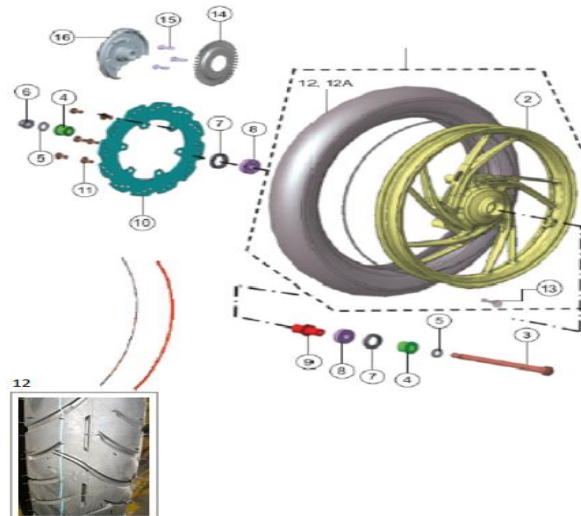


FIGURA N° 23: RUEDA DELANTERA

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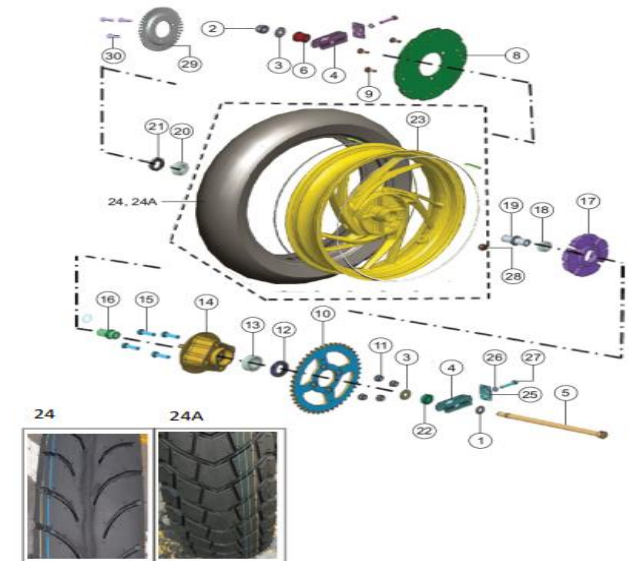


FIGURA N° 24: RUEDA TRASERA

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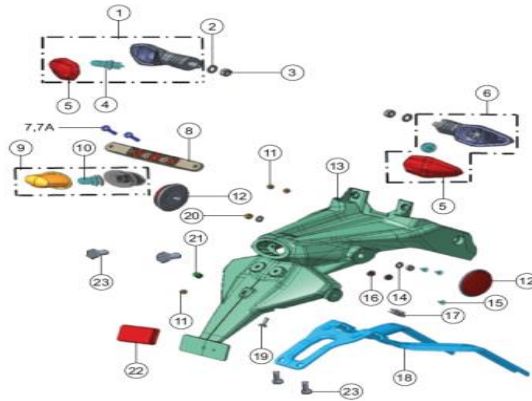


FIGURA N° 30: GUARDABARRO TRASERO

PÁG.N°. 43

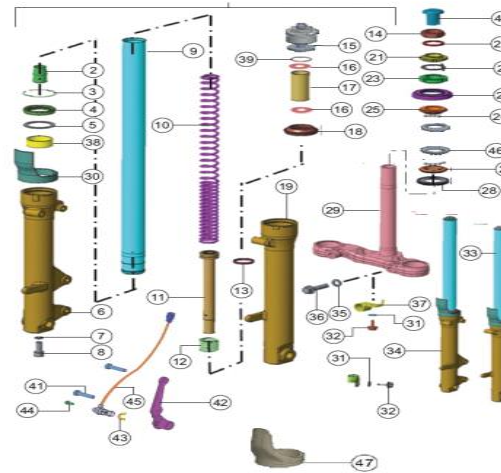


FIGURA N° 31: SUSPENSIÓN DELANTERA

PÁG.N°. 44/45

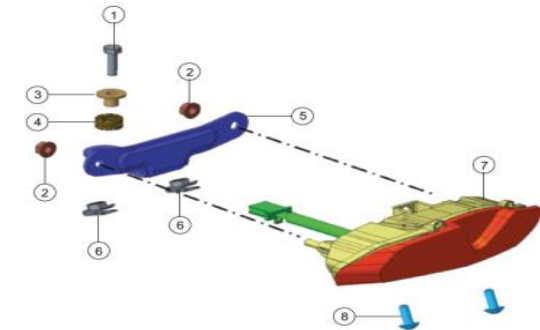


FIGURA N° 32: STOP

PÁG.N°. 46

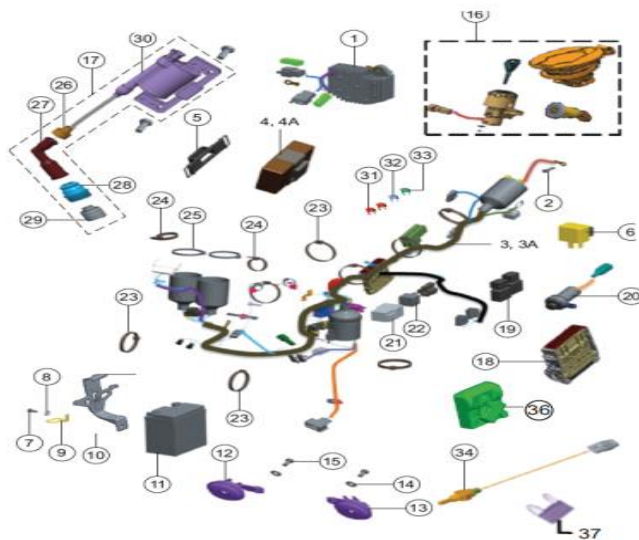


FIGURA N° 33: EQUIPO ELÉCTRICO

PÁG.N°. 47/48

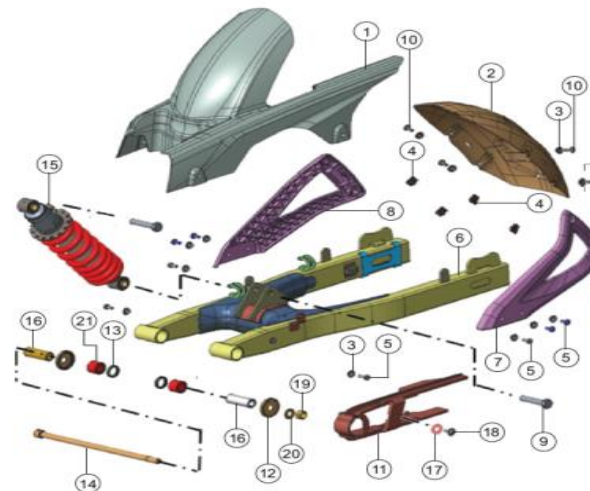


FIGURA N° 34: BRAZO OSCILANTE /
AMORTIGUADOR

PÁG.N°. 49

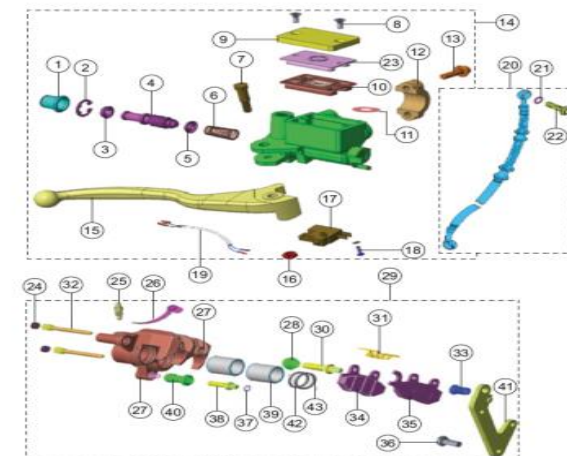


FIGURA N° 35: CALIPER DELANTERO

PÁG.N°. 50/51

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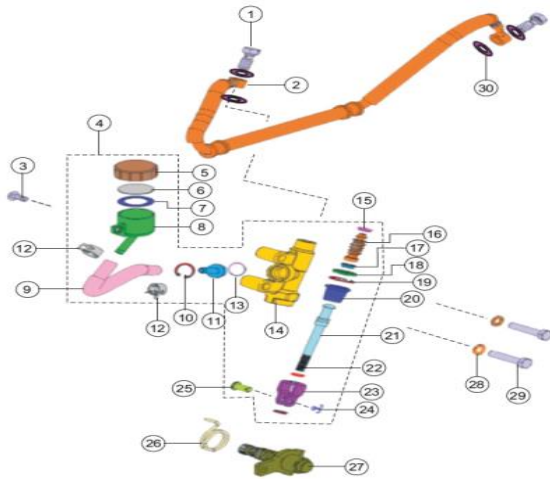


FIGURA N° 36: BOMBA FRENO TRASERA

PÁG.N°. 52/53

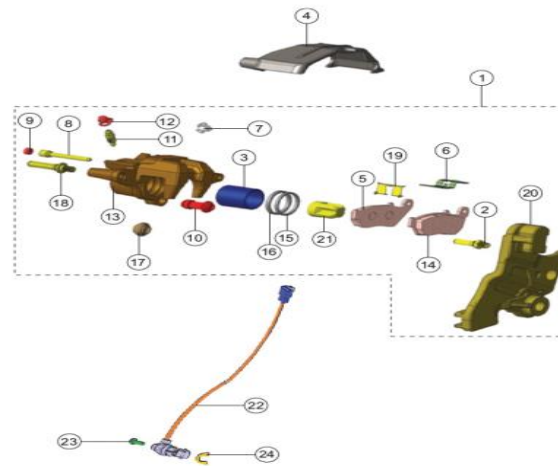


FIGURA N° 37: CALIPER TRASERO

PÁG.N°. 54

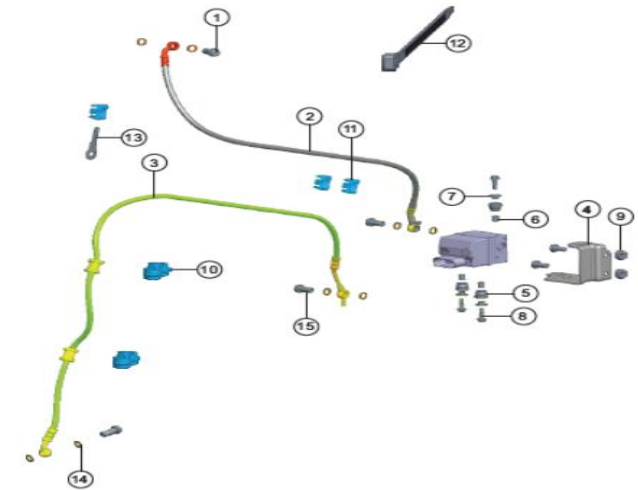


FIGURA N° 38: SISTEMA FRENO ABS

PÁG.N°. 55

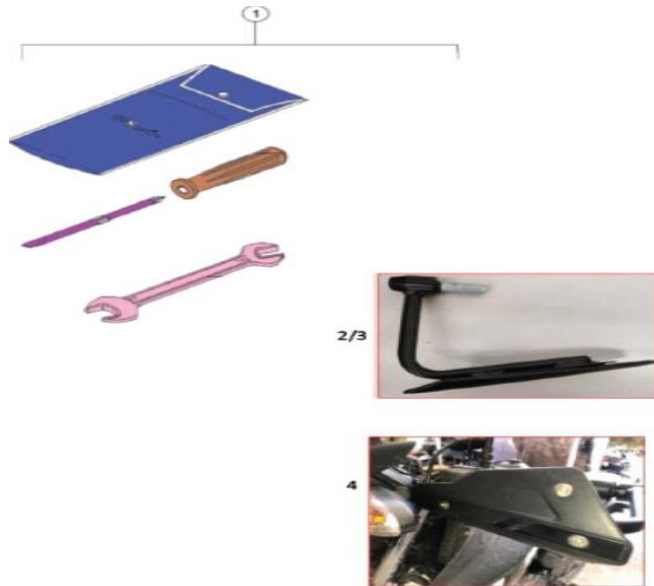


FIGURA N° 39: HERRAMIENTA

PÁG.N°. 56



FIGURA N° 40: PARTES SIN PINTAR

PÁG.N°. 57



FIGURA N° 41-42: CALCOMANIAS

PÁG.De 58 a 61

This exploded view diagram illustrates the assembly of a 125cc engine. The components are numbered as follows:

- 1:** Screws for the cylinder head cover.
- 2:** Cylinder head cover.
- 3:** Oil pan.
- 4:** Spark plug.
- 5:** Piston pin.
- 6:** Piston pin clip.
- 7:** Piston pin bush.
- 8:** Piston pin clip.
- 9:** Piston pin bush.
- 10:** Piston pin clip.
- 11:** Piston pin bush.
- 12:** Piston pin clip.
- 13:** Piston pin bush.
- 14:** Piston pin clip.
- 15:** Piston pin bush.
- 16:** Piston pin clip.
- 17:** Piston pin bush.
- 18:** Piston pin clip.
- 19:** Piston pin bush.
- 20:** Piston pin clip.
- 21, 21A:** Piston pin bush.
- 22:** Piston pin clip.
- 23:** Piston pin bush.
- 24:** Piston pin clip.
- 25:** Piston pin bush.
- 26:** Piston pin clip.
- 27:** Piston pin bush.



This exploded view diagram illustrates the assembly of a 2-stroke engine. The components are numbered as follows:

- 1:** Screws for the cylinder head and connecting rod pins.
- 2:** Cylinder head cover.
- 3:** Piston ring.
- 4:** Spark plug.
- 5:** Piston pin.
- 6:** Piston pin clip.
- 7:** Piston pin bush.
- 8:** Piston pin clip.
- 9:** Piston pin clip.
- 10:** Piston pin clip.
- 11:** Piston pin clip.
- 12:** Piston pin clip.
- 13:** Piston pin clip.
- 14:** Piston pin clip.
- 15:** Piston pin clip.
- 16:** Piston pin clip.
- 17:** Piston pin clip.
- 18:** Piston pin clip.
- 19:** Piston pin clip.
- 20:** Piston pin clip.
- 21, 21A:** Piston pin clip.
- 22:** Piston pin clip.
- 23:** Piston pin clip.
- 24:** Piston pin clip.
- 25:** Piston pin clip.
- 26:** Piston pin clip.
- 27:** Piston pin clip.



FIGURA N°2: EJE DE LEVAS - CUERPO INYECTOR

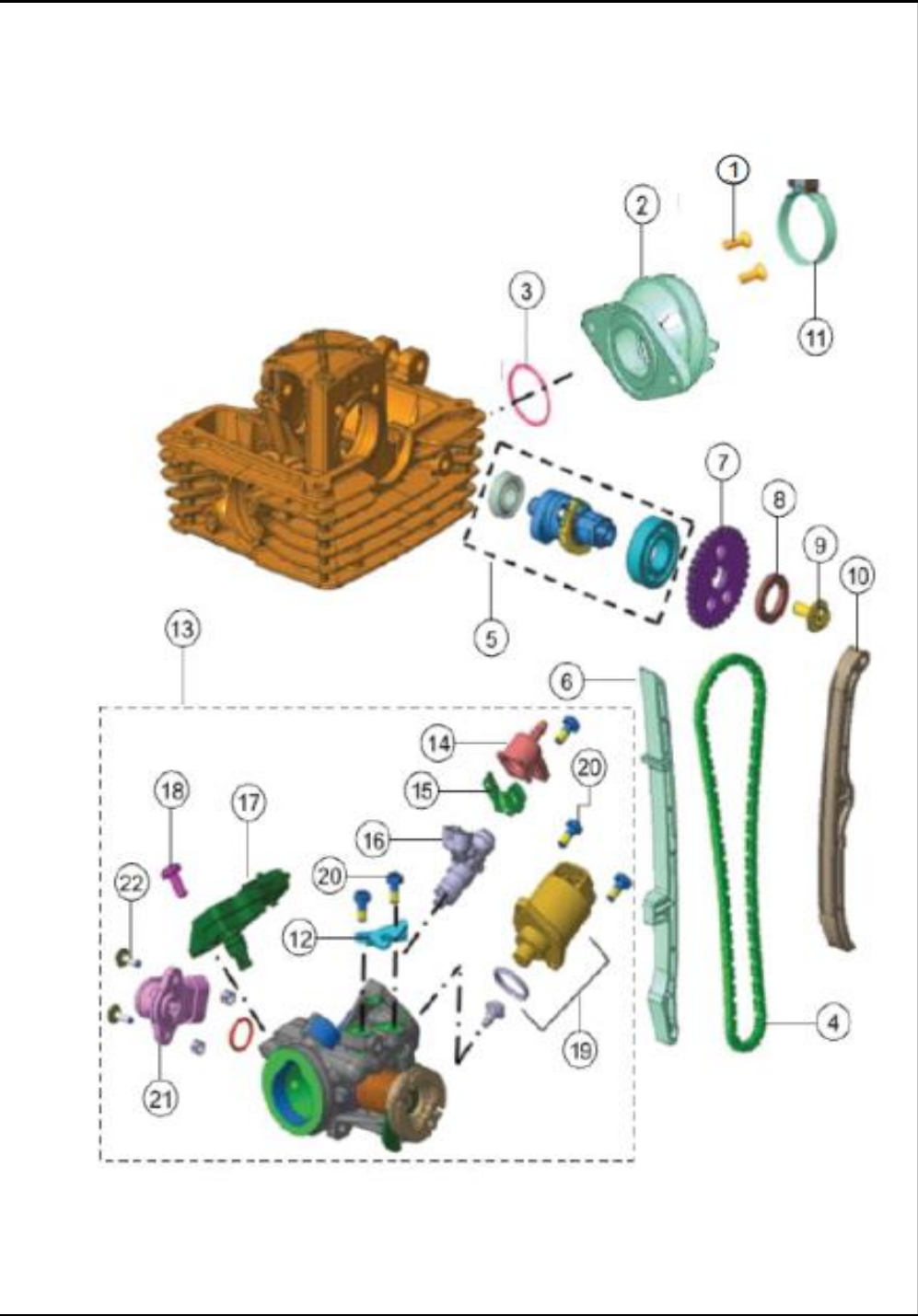


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	0332228	TORNILLO M6X16	2	10079603
2	NF040550	MÚLTIPLE ADMISIÓN	1	10086172
3	N9041990	O RING MÚLTIPLE ADMISIÓN	1	10079906
4	N9011570	CADENILLA DISTRIBUCION	1	10078207
5	N9010410	EJE DE LEVAS COMPLETO	1	10078304
6	N9011590	GUÍA CADENILLA	1	10078483
7	N9011560	PIÑÓN DE DISTRIBUCION	1	10080081
8	N9011490	ARANDELA DE EJE DE LEVA	1	10080162
9	N9200480	TORNILLO M8X1.25	1	10078491
10	N9011600	GUÍA TENSOR DE CADENA	1	10078223
11	N8041590	ABRAZADERA	1	10082829
12	N9325630	SOPORTE CUERPO INYECCIÓN	1	10081154
13	NF040160	CUERPO INYECCIÓN	1	10086173
14	N9042390	CAPUCHÓN DE INYECTOR	1	10080968
15	N9042410	SOPORTE SEGURO INYECTOR	1	10079909
16	N9060750	INYECTOR CON O RING	1	10079913
17	N9060780	SENSOR MAP CON O RING	1	10078667
18	M1201050	TORNILLO M6	1	10079857
19	NF060090	TAPÓN DE RALENTÍ CON O RING	1	10086617
20	N9325640	TORNILLO M5X12	5	10081155
21	N9162380	TPS	1	10085723
22	NF320970	TORNILLO M5X12	2	10086618

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The parts are numbered 1 through 27. The central component is a green, multi-layered housing (3) with a green circular opening. Above it is a brown flange (1) with four mounting holes. To the left, a yellow spring (24) is shown with a yellow pin (25) and a yellow ring (26). Below the housing is a yellow flange (9) with a yellow circular opening. To the right, a purple O-ring (5) is shown with a purple pin (4) and a purple ring (6). Below the housing is a red cylindrical component (12) with a red spring (13) and a red pin (14). To the right of the red component is a red flange (18) with a red pin (23) and a red ring (22). Below the red component is a yellow gear (17) with a yellow pin (15) and a yellow ring (16). To the right of the gear is a yellow flange (19) with a yellow pin (21) and a yellow ring (20). The diagram shows the assembly sequence and the relative positions of the parts.



This diagram illustrates the assembly of a mechanical component, likely a pump or motor. The parts are numbered as follows:

- 1: Top flange/gasket
- 2: Small brown pins
- 3: Main green housing
- 4: Small brown pin
- 5: Purple O-ring
- 6: Brown O-ring
- 7: Blue pin
- 8: Small grey pin
- 9: Yellow gasket
- 10: Bracket (indicated by a bracket)
- 11: Spring
- 12: Blue pin
- 13: Small red pin
- 14: Green O-ring
- 15: Green O-ring
- 16: Yellow O-ring
- 17: Yellow gear
- 18: Green gear
- 19: Blue gear
- 20: Red pin
- 21: Main yellow shaft/housing
- 22: Small brown pin
- 23: Green O-ring
- 24: Yellow pin
- 25: Grey pin
- 26: Yellow O-ring
- 27: Grey pin



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The central part is a large, light blue housing (1). At the top, a purple motor (26) is connected to three green wires (25). The motor's shaft (6) is positioned to fit into the housing. Various other components are shown in their relative positions for assembly, including a green O-ring (24), a green bracket (5), a blue flange (1), a yellow ring (7), a purple gear (15), and a green shaft (20). The parts are numbered 1 through 28, corresponding to the list provided in the adjacent table.



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The central part is a large, light blue housing (1). At the top, a purple motor (26) is shown with green pins (25) and a red wire. To the left, a blue circular flange (1) is connected to a green bracket (5) via yellow pins (2) and orange pins (4). A green ring (3) is also shown. To the right, a yellow ring (7) is connected to a blue bracket (9) via a yellow pin (8) and a blue pin (10). A green pin (27) is also shown. At the bottom, a green bracket (20) is connected to a green pin (19) and a green pin (18). A green pin (16) is also shown. A green pin (17) is also shown. A green pin (15) is also shown. A green pin (14) is also shown. A green pin (13) is also shown. A green pin (12) is also shown. A green pin (11) is also shown. A green pin (28) is also shown. A green pin (22) is also shown. A green pin (23) is also shown. A green pin (24) is also shown. A green pin (21) is also shown. A green pin (25) is also shown. A green pin (26) is also shown. A green pin (27) is also shown. A green pin (28) is also shown.



This diagram illustrates the exploded view of a mechanical assembly, featuring 36 numbered components. The main assembly is a large, orange-colored metal housing (4) with a central circular opening. To the left, three yellow rollers (2, 3, 1) are shown, with a small grey pin (31) associated with roller 3. Above the housing, a light bulb (36) is indicated. To the right, a series of purple pins (5) and a long purple pin (32) are shown. Below the housing, a green screw (33) is shown. In the bottom left, a brown rod (34) is shown. In the bottom center, a green chain (30) is shown. In the bottom right, a green gear (24) is shown, along with a green ring (25) and a small purple pin (26). The diagram also shows various other components like a green ring (11), a yellow ring (13), a purple ring (14), a yellow ring (15), a green ring (16), a yellow ring (17), a green ring (18), a yellow ring (19), a green ring (20), a green ring (21), a green ring (22), a green ring (23), a green ring (27), a green ring (28), a green ring (29), a green ring (30), a green ring (31), a green ring (32), a green ring (33), a green ring (34), a green ring (35), and a green ring (36).



This diagram illustrates the assembly of a mechanical component, likely a pump or motor housing, using 36 numbered parts. The main housing (4) is the central component. It features a large circular opening on the right side. The assembly includes various internal components such as a green gear (25), a purple gear (24), and a green gear (26). A green chain (30) is shown at the bottom. The assembly is secured with various bolts (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) and washers (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). The diagram uses dashed lines to indicate the assembly sequence and the relative positions of the parts.



FIGURA N°6: CUBIERTA CLUTCH

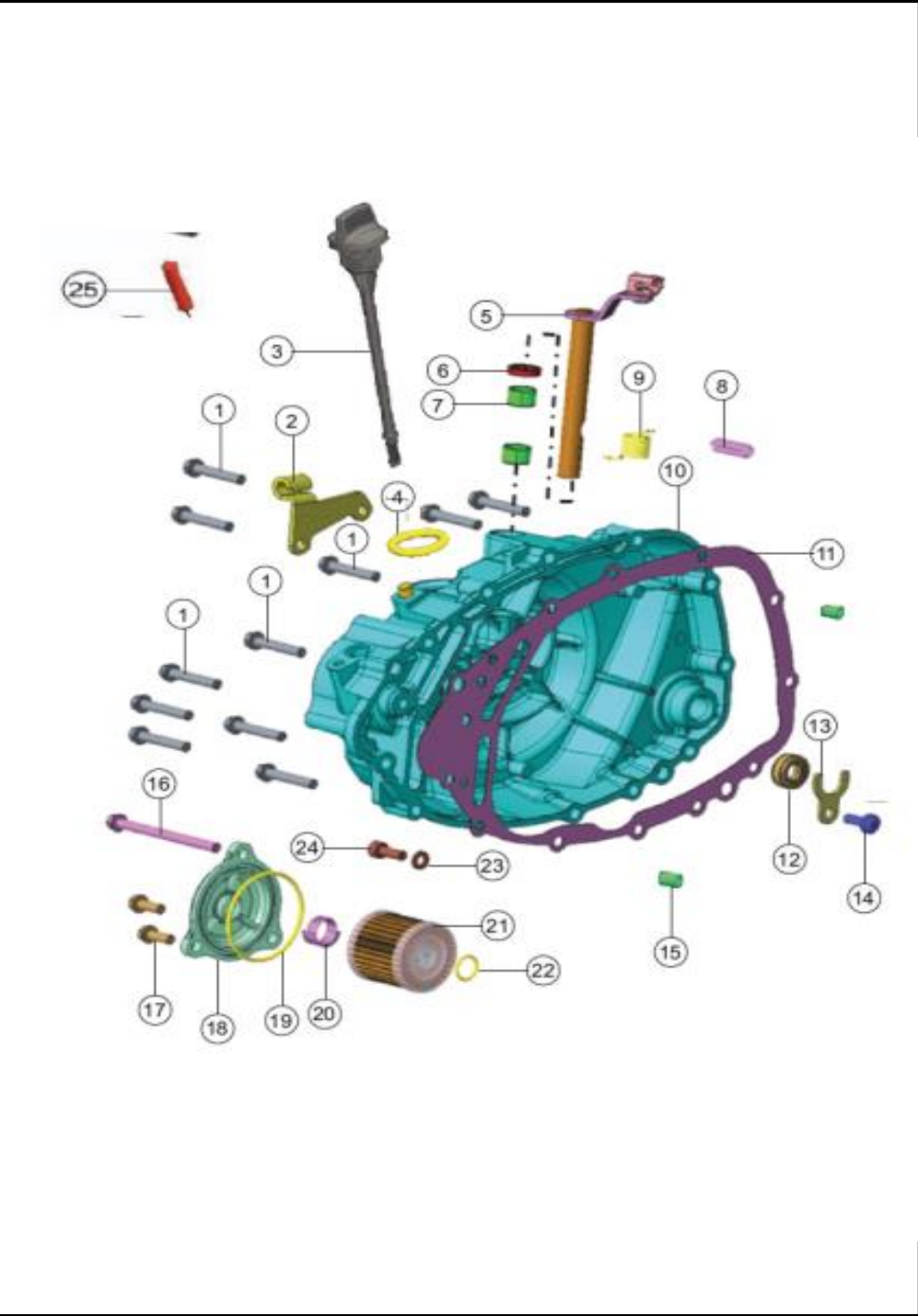


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N5200170	TORNILLO M6X35	11	10079713
2	M7070330	GUÍA PARA CABLE CLUTCH	1	10080254
3	N9081280	TAPÓN ACEITE	1	10082206
4	M1080400	ORING 16.8X3.1	1	10082180
5	M7070350	LEVA INTERNA CLUTCH	1	10080082
6	M7200490	RETEN LEVA 12X18X4	1	10080576
7	M7200510	CANASTILLA 12X15X10	2	10082182
8	M7200500	PIN	1	10079677
9	M7070380	RESORTE LEVA CLUTCH	1	10080366
10	N9325460	CUBIERTA CLUTCH + EJE REF. N5080530	1	10079592
10A	N9030290BD	CUBIERTA CLUTCH SOLA	1	10086619
11	N9030250	EMPAQUE CUBIERTA CLUTCH	1	10078233
12	N2200550	RETEN CIGÜEÑAL DER.	1	10080113
13	N9080670	PLATINA RETEN EJE CRANC	1	10082835
14	0331748	TORNILLO M6X16	1	10080263
15	0074010	PIN	2	10079453
16	M1200440	TORNILLO MOTOR M6X75	1	10080234
17	M1200520	TORNILLO M6X16	2	10082181
18	M70809607D	TAPA FILTRO DE ACEITE	1	10080390
18A	M7080960BD	TAPA FILTRO DE ACEITE	1	10086454
19	M1080600	ORING FILTRO DE ACEITE	1	10078365
20	M1080620	RESORTE FILTRO DE ACEITE	1	10079658
21	M1080540	FILTRO DE ACEITE	1	10078109
22	M1080590	ORING FILTRO 13X2	1	10080717
23	8200130	ARANDELA 6.5X11X1.6	1	10079618
24	M1200790	TORNILLO HEXAGONAL M6X16	1	10081570
25	333528	TORNILLO M6	1	10084401

FIGURA N°7: CLUTCH (SLIPPER CLUTCH)

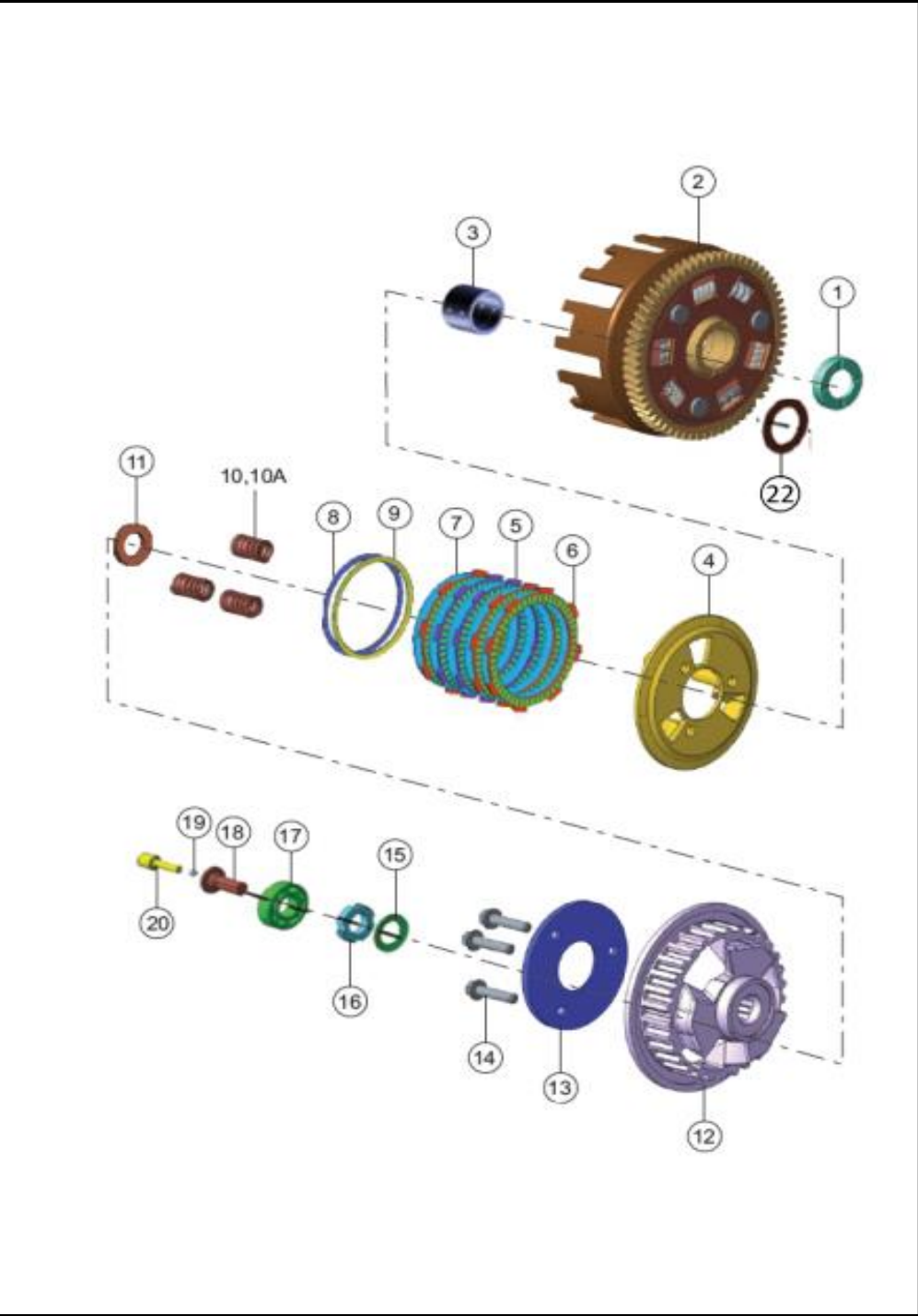


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF080030	RETEN CORONA CLUTCH	1	10081024
2	NF070030	CORONA CLUTCH	1	10078631
3	NF080040	BUJE	1	10081025
4	NF070060	PORTA RESORTES	1	10081022
5	N9070310	DISCOS CLUTCH(EMPAQ X 1 UNIDAD)	2	10084948
6	N9070190	DISCOS CLUTCH(HOMOLOGA CON NF070130)	3	10085631
7	NF070050	SEPAR. DISCOS CLUTCH(EMPAQ X 1 UNIDAD)	5	10080838
8	NF070100	ARANDELA ANTIBRINCO	1	10081164
9	NF070090	RESORTE ANTIBRINCO	1	10081163
10	NF070070	RESORTES CLUTCH	3	10080839
11	M7070240	ARANDELA	1	10080253
12	NF070040	CORONA INTERNA CLUTCH	1	10081162
13	NF070080	PORTA DISCOS CLUTCH	1	10081023
14	N2200500	TORNILLO M6X25	3	10079690
15	M7070110	ARANDELA	1	10079667
16	M7070100	TUERCA CLUTCH	1	10080577
17	M1200380	RODAMIENTO 6002	1	10080509
18	M7070120	PIN ADAPTADOR CLUTCH	1	10080282
19	420404000	BALIN	1	10081362
20	M7070150	PIN EMPUJADOR CLUTCH	1	10080725
21	NF070130	KIT CLUTCH COMPLET(FIG 4,5,6,7,8,9,10,12,13,14)	1	10085631
22	M7200460	ARANDELA	1	10079535

FIGURA N°8: CUBIERTA VOLANTE / VOLANTE (1/2)

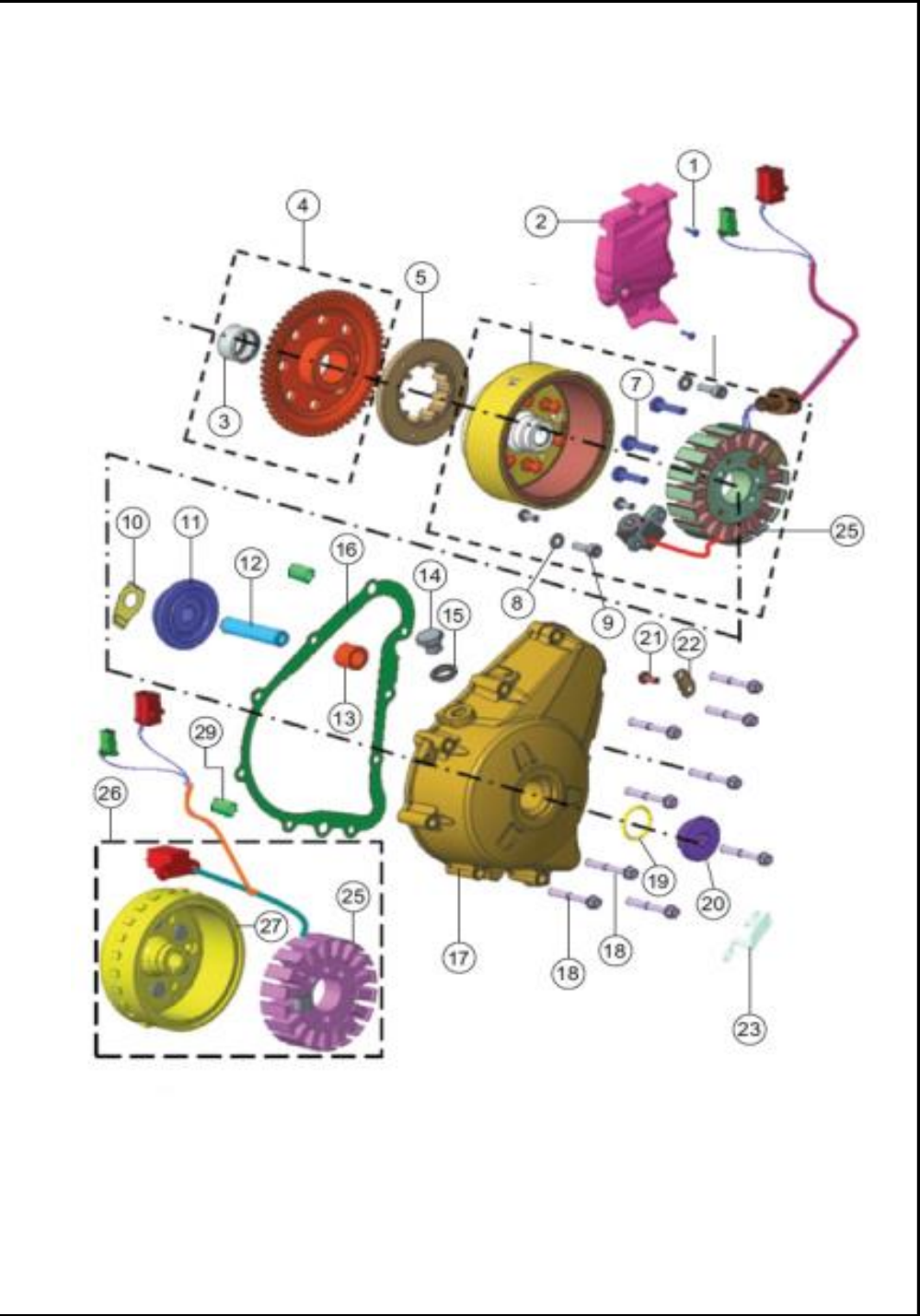


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	M1200670	TORNILLO TAPA PIÑÓN M6X20	2	10081085
2	N9082230	TAPA PIÑÓN	1	10081129
3	M1200170	RODAMIENTO PIÑÓN	1	10081466
4	M1080480	PIÑÓN ARRANQUE	1	10079657
5	R1060110	CLUTCH DE UNA VÍA	1	10078275
7	M7200740	TORNILLO M6X30	3	10080257
8	P1200050	ARANDELA 6.5	3	10079942
9	M1200790	TORNILLO HEXAGONAL M6X16	3	10081570
10	N9080440	PLATINA TOP PIÑÓN ARRANQUE	1	10080318
11	M1080460	PIÑÓN BENDIX DE ARRANQUE	1	10079854
12	M1080430	EJE MOTOR ARRANQUE	1	10080713
13	M1080490	BUJE PIÑÓN BENDIX	1	10080714
14	N2081680	TAPÓN	1	10078569
15	M1080420	ARANDELA TAPÓN ACEITE	1	10079656
16	N9030320	EMPAQUE TAPA VOLANTE	1	10078180
17	N9030330BD	TAPA VOLANTE	1	10086177
18	M7200700	TORNILLO TAPA VOLANTE M6X40	9	10079678
19	N2081690	ORING TAPÓN DE TAPA VOLANTE 23X3	1	10078710
20	M7080980	TAPÓN TAPA VOLANTE	1	10078466
21	0331708	TORNILLO M5X12	4	10081043

This exploded view diagram illustrates the assembly of a 12V 100W car audio amplifier. The components are numbered 1 through 29. The main amplifier body (17) is shown in the center. Key sub-assemblies include:

- Power Section (Top Right):** Features a pink heat sink (2), a power MOSFET (1), a 100W power transistor (25), and a power MOSFET driver (21).
- Input/Control Section (Bottom Left):** Includes a yellow input filter (26), a 100W input filter (27), and a 100W input filter (29).
- Mounting and Structural Parts:** Includes a yellow amplifier housing (17), a green gasket (16), a blue mounting plate (11), a blue mounting plate (10), a blue mounting plate (12), a blue mounting plate (13), a blue mounting plate (14), a blue mounting plate (15), a blue mounting plate (18), a blue mounting plate (19), a blue mounting plate (20), a blue mounting plate (22), a blue mounting plate (23), a blue mounting plate (24), a blue mounting plate (25), a blue mounting plate (26), a blue mounting plate (27), a blue mounting plate (28), and a blue mounting plate (29).

 Dashed lines indicate the assembly sequence and the relative positions of the components.



This exploded view diagram illustrates the assembly of a mechanical component, likely a valve actuator. The parts are numbered 1 through 32. The assembly process involves connecting various levers, rods, and fasteners. Key sub-assemblies are highlighted with dashed boxes: one containing parts 9, 32, and 10; another containing parts 17, 17A, 18, 19, 20, and 21; and a third containing parts 22, 23, 24, 25, 26, 27, 28, and 29. The final assembly includes a large lever (11), a long rod (12), a green lever (13), a purple actuator (10), a long pink rod (17, 17A), a blue lever (18), a green lever (14), a large orange lever (15), and a green lever (16).



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or actuator. The parts are numbered 1 through 32. The assembly process is indicated by dashed lines and arrows. Key components include a main shaft (17, 17A), a handle (11), a piston (10), a connecting rod (12), and a crank (13). The diagram shows the relationship between various sub-assemblies, such as the handle/piston mechanism and the crank/piston mechanism, and how they are joined together using pins, washers, and other fasteners.







This diagram shows an exploded view of a power tool assembly. The main components are a red handle (13), a blue trigger gun (14), and a red curved hose (15). The assembly includes various fasteners and components labeled with circled numbers: 1 (purple cap), 2 (red cap), 3 (yellow pin), 4 (brown pin), 5 (small grey pin), 6 (small green pin), 7 (small red pin), 8 (yellow trigger gun body), 9 (red handle), 10 (small green pin), 11 (yellow pin), 12 (small red pin), 13 (red handle), 14 (blue trigger gun), 15 (red curved hose), 16 (green pin), and 17 (small red pin).





This diagram illustrates the assembly of a mechanical component, likely a filter or separator, using various fasteners and structural parts. The components are numbered as follows:

- 1:** Small grey bolt.
- 2:** Grey washers.
- 3:** Yellow structural frame with two loops.
- 4:** Green circular components.
- 5:** Blue rectangular mesh filter.
- 6:** Curved grey pipe with a red band.
- 7:** Small grey pin or clip.
- 8:** Yellow circular component.
- 9:** Small grey bolt.
- 10:** Purple bolt.
- 11:** Grey washers.

The assembly process involves attaching the mesh filter (5) to the frame (3) using bolts (1) and washers (2). The frame (3) is then connected to the curved pipe (6) using the yellow component (8) and pins (7). The green components (4) are also attached to the frame. The final assembly is secured with additional bolts (10) and pins (7).



This diagram illustrates the assembly of a mechanical device, likely a pump or motor. The main body is a blue, ribbed housing (1). The assembly includes a central shaft (2) with a pulley (3) and a motor (4). A green, curved component (5) is attached to the side. A green, U-shaped component (6) is attached to the bottom. A green, U-shaped component (7) is attached to the front. A green, U-shaped component (8) is attached to the side. A green, U-shaped component (9) is attached to the side. A green, U-shaped component (10) is attached to the side. A green, U-shaped component (11) is attached to the side. A green, U-shaped component (12) is attached to the side. A green, U-shaped component (13) is attached to the side. A green, U-shaped component (14) is attached to the side. A green, U-shaped component (15) is attached to the side. A green, U-shaped component (16) is attached to the side. A green, U-shaped component (17) is attached to the side. A green, U-shaped component (18) is attached to the side. A green, U-shaped component (19) is attached to the side. A green, U-shaped component (20) is attached to the side. A green, U-shaped component (21) is attached to the side. A green, U-shaped component (22) is attached to the side. A green, U-shaped component (23) is attached to the side. A green, U-shaped component (24) is attached to the side. A green, U-shaped component (25) is attached to the side. A green, U-shaped component (26) is attached to the side.



This exploded view diagram illustrates the assembly of a backpack sprayer. The main body is a blue backpack (1). At the top, there is a pump handle assembly (15) with a trigger gun (16) and a spray lance (17). The backpack has a green shoulder strap (5) and a green backrest (26). The front of the backpack features a green handle (18) and a green trigger gun (19). The bottom of the backpack has a green pump handle (20) and a green trigger gun (21). The pump handle (20) is connected to a pump mechanism (2) via a green hose (6). The pump mechanism (2) is connected to a green hose (7) and a green hose (8). The green hose (8) is connected to a green hose (9) and a green hose (10). The green hose (10) is connected to a green hose (11) and a green hose (12). The green hose (12) is connected to a green hose (13) and a green hose (14). The green hose (14) is connected to a green hose (15) and a green hose (16). The green hose (16) is connected to a green hose (17) and a green hose (18). The green hose (18) is connected to a green hose (19) and a green hose (20). The green hose (20) is connected to a green hose (21) and a green hose (22). The green hose (22) is connected to a green hose (23) and a green hose (24). The green hose (24) is connected to a green hose (25) and a green hose (26).

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FIGURA N°15: CANISTER



FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N91423100D	TANQUE GASOLINA	1	10079752
2	N9141440	MANGUERA A CANISTER	1	10079924
3	N8040370	ABRAZADERA	2	10079726
4	R2040400	ABRAZADERA	2	10080477
5	N3140520	MANGUERA DRENAJE	1	10082231
6	N9142220	MANGUERA DRENAJE CANISTER	1	10080814
7	N9141650	MANGUERA FILTRO	1	10080813
8	N9142060	MANGUERA VÁLVULA A CAJA FILTRO	1	10081139
9	R1040460	ABRAZADERA	2	10081469
10	N7060210	VÁLVULA DE PURGA	1	10081301
11	N9141450	ABRAZADERA	1	10081135
12	N9229850	CUBIERTA CANISTER	1	10080040
13	P3200010	TORNILLO M6X12	2	10079775
14	N9142050	CAUCHO PROTECTOR CANISTER	1	10079925
15	N9141430	CANISTER	1	10080062
16	414147000	ABRAZADERA	1	10078625
17	N4200130	ABRAZADERA	2	10079704
18	N7201300	REMACHE PLASTICO	2	10080293
19	P3200010	TORNILLO M6X12	5	10079775
20	K3200840	TUERCA PASTILLA M6	2	10080108
21	K122810	ANTIVIBRANTE	2	10079630

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

- 1**: Chin bar (light green)
- 2**: Chin bar pad (light green)
- 3**: Chin strap (black)
- 4**: Chin strap buckle (black)
- 5**: Chin strap adjuster (black)
- 6**: Shell (yellow)
- 7**: Shell (red)
- 8**: Shell (red)
- 9**: Shell (light green)
- 10**: Shell (black)
- 11**: Chin bar pad (red)
- 12**: Shell (black)



FIGURA N°17: CHASIS

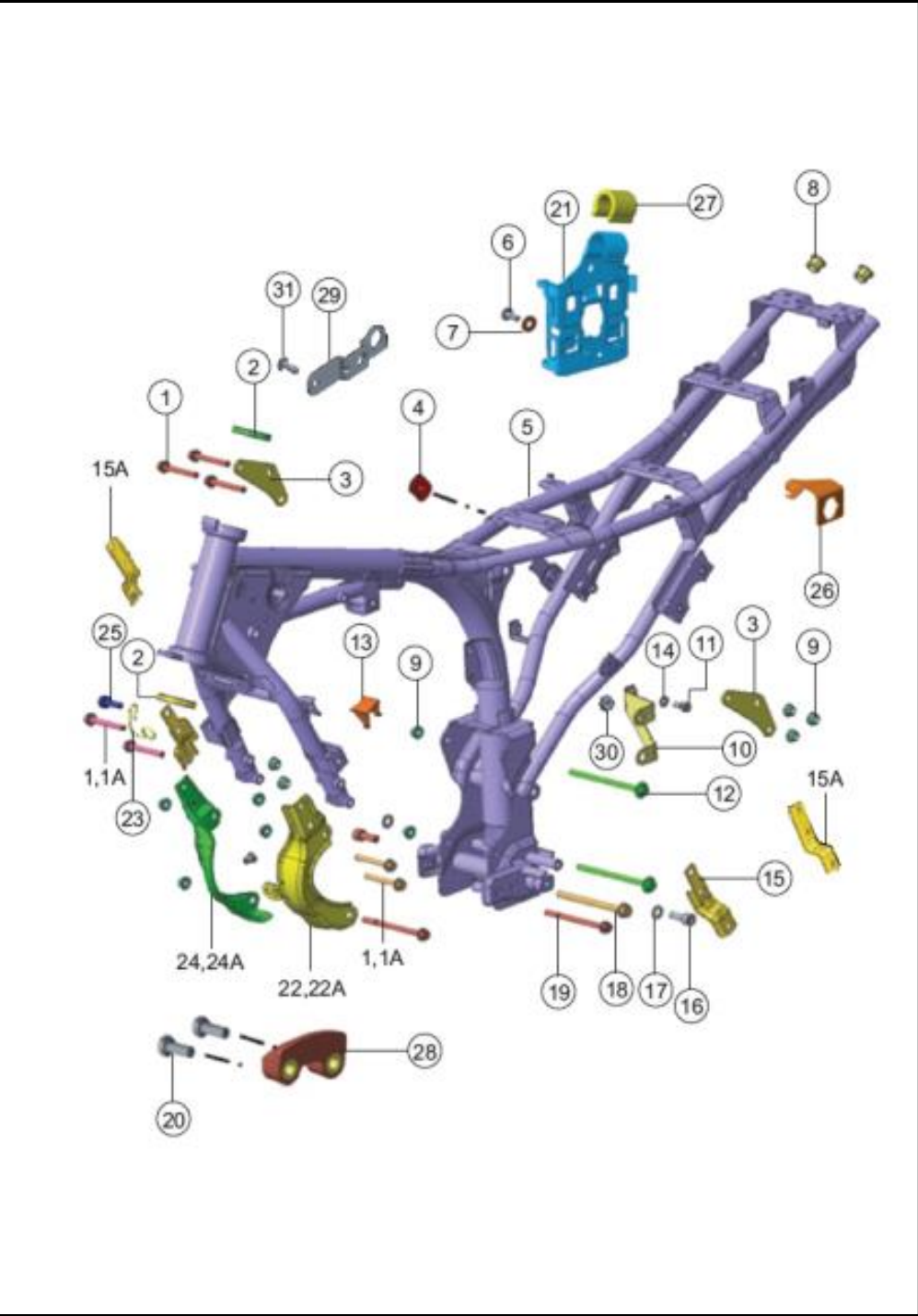


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N8200040	TORNILLO PASADOR MOTOR M8X65	4	10081227
2	N9101470	CUNA DIRECCIÓN CHASIS INF.	2	10080977
3	N9127660	SOPORTE DE MOTOR	2	10080985
4	K122810	ANTIVIBRANTE LATERAL TANQUE	1	10079630
6	420476700	TORNILLO M6X30	1	10082510
7	0335608	ARANDELA 6.5X16	1	10079610
8	N3120410	TAPÓN CHASIS	2	10082184
9	M1200890	TUERCA M8X1.2	11	10079666
12	M1200120	TORNILLO PASADOR MOTOR M8X120	2	10080246
13	N9123750	CAUCHO SOPORTE DEFENSA	2	10083869
14	G5200490	ARANDELA 8.5X16X1.2	1	10079629
15	NF120940	PLATINA CHASIS	2	10086793
16	N9200250	TORNILLO ALLEN M10X25	2	10079932
17	0335528	ARANDELA 10.5X18X1.6	2	10079795
18	N5200330	TORNILLO HEXAGONAL M8X100	2	10080749
19	N8200050	EJE GATO CENTRAL	1	10080570
20	N2200500	TORNILLO	2	10079690
22	N9128840	SOPORTE MOTOR IZQ.	1	10083715
23	N9127670	GUÍA CABLE	1	10081133
24	N9128850	SOPORTE MOTOR DER.	1	10083870
25	M1200480	TORNILLO M8X25	1	10079465
26	N9127640	PLATINA SOPORTE SILLÍN	1	10080349
28	N9127850	GUÍA TENSOR CADENA	1	10080808
29	NF120980	SOPORTE CAJA FILTRO	1	10083931
31	332275	TORNILLO M6X16	1	10083711

This exploded view diagram illustrates the assembly of a mechanical component, likely a bracket or arm. The parts are numbered 1 through 27. The assembly process involves several sub-assemblies:

- Top Left:** A green L-shaped bracket (1) is shown.
- Top Center:** A brown plate (2) with two circular holes is shown.
- Top Right:** A red pin (3) is shown with a purple string (4) attached to it.
- Center:** A yellow bracket (5) is the central component. It has a red dot (10) and a blue dot (9). It is surrounded by various fasteners: a black screw (6), a grey screw (7), a black screw (8), a blue screw (9), a red pin (12), a purple pin (13), a green pin (14), a yellow pin (15), a red pin (16), a yellow pin (17), a black pin (18), and a green pin (19).
- Bottom Left:** A green bracket (20) is shown with a black pin (21) and a purple pin (22) attached to it.
- Bottom Center:** A brown bracket (23) is shown with a blue pin (9) and a purple pin (15) attached to it.
- Bottom Right:** A purple bracket (24) is shown with a black pin (25) and a red pin (26) attached to it.
- Assembly Notes:**
 - A dashed box around parts 14, 15, 16, 17, 18, and 19 indicates they are to be assembled onto the yellow bracket (5).
 - A dashed box around parts 20, 21, and 22 indicates they are to be assembled onto the green bracket (20).
 - A dashed box around parts 23, 24, 25, 26, and 27 indicates they are to be assembled onto the brown bracket (23).



This exploded view diagram illustrates the assembly of a mechanical component, likely a suspension arm or control arm. The parts are numbered 1 through 27. The assembly includes a main yellow arm (5), a green arm (1), a brown arm (2), a purple arm (22), and a green arm (23). Various bushings (6, 7, 8, 9, 10, 11), bolts (12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24, 25, 26, 27), and a red pin (4) are shown. Dashed lines indicate the assembly sequence and alignment of the components.



[illegible]

This diagram illustrates the assembly of a mechanical device, likely a pump or a valve actuator, using 14 numbered components. The main body (3) is a yellow A-frame structure. The assembly includes a green handle (1) with a grey shaft (2) and a green cap (11). A red rod (4) is shown near the main body. A yellow spring (12) and a red spring (13) are also present. A red bracket (5) is shown with a red rod (7) and a red cap (11). A red rod (6) and a red cap (8) are shown. A red rod (9) and a red cap (10) are shown. A red rod (14) is shown at the bottom.





This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or actuator. The components are numbered 1 through 38. The assembly includes a main body (1), a handle (12), a motor (25), and various internal components like pistons (15, 11), valves (13, 14), and seals (7, 8, 9, 10). The diagram shows the spatial relationship between these parts, with dashed lines indicating the assembly path. Key sub-assemblies are highlighted with dashed boxes, such as the handle mechanism (12, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38) and the motor assembly (25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38).



This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or actuator. The components are numbered 1 through 38. The assembly includes a main housing (1), a motor (25), a drive shaft (33), a pump head (11), and various internal components like valves (12, 13), seals (7, 8), and fasteners (3, 4, 5, 6, 9, 10, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 34, 35, 36, 37, 38). The diagram shows the relative positions and assembly sequence of these parts.





The diagram illustrates the assembly of a wheel and tire. The central component is a yellow wheel rim (23). A black tire (24, 24A) is shown being fitted onto the rim. Various components are numbered for identification:

- 1: A long wooden dowel or pin.
- 2: A small black pin or clip.
- 3: A small black pin or clip.
- 4: A small black pin or clip.
- 5: A long wooden dowel or pin.
- 6: A small black pin or clip.
- 8: A green circular component, possibly a hub or spacer.
- 9: A small black pin or clip.
- 10: A blue gear or sprocket.
- 11: A small black pin or clip.
- 12: A small black pin or clip.
- 13: A small black pin or clip.
- 14: A brass-colored nut or washer.
- 15: A small blue pin or clip.
- 16: A small blue pin or clip.
- 17: A purple circular component, possibly a hub or spacer.
- 18: A small black pin or clip.
- 19: A small black pin or clip.
- 20: A small black pin or clip.
- 21: A small black pin or clip.
- 22: A small black pin or clip.
- 23: The yellow wheel rim.
- 24, 24A: The black tire.
- 25: A small blue pin or clip.
- 26: A small blue pin or clip.
- 27: A small blue pin or clip.
- 28: A small black pin or clip.
- 29: A small black pin or clip.
- 30: A small black pin or clip.

Two inset images at the bottom left show different tire tread patterns:

- 24: A tire with a deep, aggressive tread pattern.
- 24A: A tire with a shallower, more standard tread pattern.



The diagram illustrates the assembly of a wheel and tire. The central component is a yellow wheel rim (23). A black tire (24, 24A) is shown being fitted onto the rim. Various components are numbered for identification:

- 1: A long wooden dowel or pin.
- 2: A small black pin or clip.
- 3: A small black pin or clip.
- 4: A small black pin or clip.
- 5: A long wooden dowel or pin.
- 6: A small red pin or clip.
- 8: A green circular component, possibly a hub or flange.
- 9: A small black pin or clip.
- 10: A blue gear or sprocket.
- 11: A small black pin or clip.
- 12: A small black pin or clip.
- 13: A small black pin or clip.
- 14: A brass-colored nut or washer.
- 15: A small blue pin or clip.
- 16: A small green pin or clip.
- 17: A purple circular component, possibly a hub or flange.
- 18: A small black pin or clip.
- 19: A small black pin or clip.
- 20: A small black pin or clip.
- 21: A small black pin or clip.
- 22: A small black pin or clip.
- 23: The yellow wheel rim.
- 24, 24A: The black tire.
- 25: A small blue pin or clip.
- 26: A small blue pin or clip.
- 27: A small blue pin or clip.
- 28: A small black pin or clip.
- 29: A black circular component, possibly a hub or flange.
- 30: A small black pin or clip.

Below the main diagram, two inset photographs show different tire tread patterns:

- 24**: A close-up of a tire tread with a series of parallel grooves.
- 24A**: A close-up of a tire tread with a more complex, interlocking pattern.

TVS 

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

- 1**: The main instrument cluster housing, shown in two views at the top of the page.
- 2**: A small blue pin or clip used to secure the bottom of the cluster.
- 3**: A green plastic component, likely a lower bezel or protective cover.
- 4**: A brown plastic component, possibly a side bezel or mounting bracket.
- 5**: A blue rectangular component, likely a switch or indicator light housing.
- 6**: A small grey component, possibly a screw or pin.
- 7**: A small grey component, possibly a screw or pin.
- 8**: A purple plastic component, likely a mounting bracket or connector.

TVS 





This diagram shows the exploded view of a LEGO Technic assembly. The parts are numbered as follows:

- 1: Large reddish-brown Technic frame.
- 2: Small blue pin.
- 3: Small blue Technic piece.
- 4: Small purple Technic piece.
- 5: Blue Technic piece.
- 6: Yellow and blue Technic piece.
- 7: Small grey pin.
- 8: Yellow and blue Technic piece.
- 9: Small purple Technic piece.
- 10: Small purple Technic piece.
- 11: Small purple Technic piece.
- 12: Small grey pin.
- 13: Small blue Technic piece.
- 14: Large reddish-brown Technic frame.







FIGURA N°29: GUARDABARRO DELANTERO

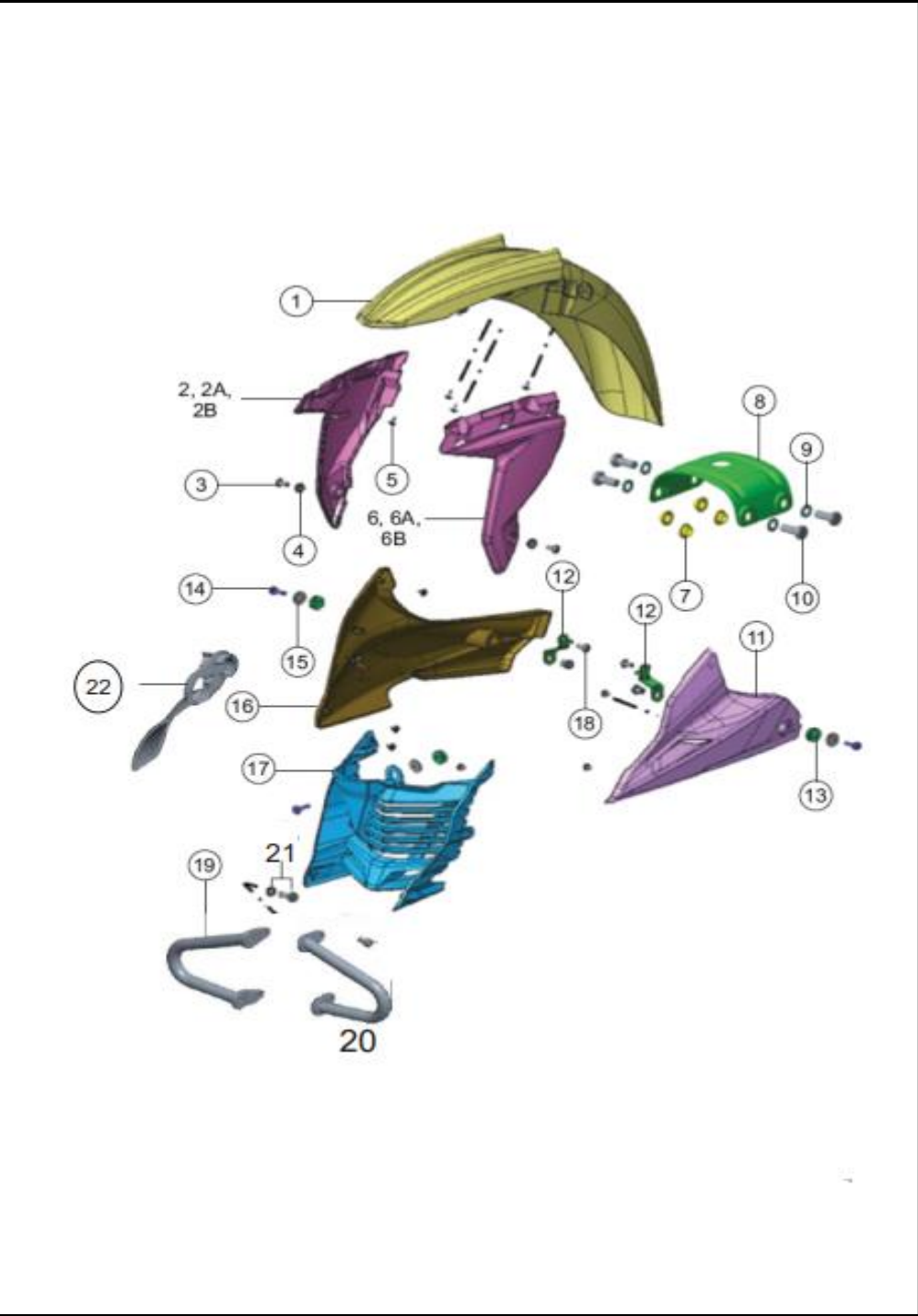


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9226069	GUARDABARRO DELANTERO(SIN PINTAR)	1	10078262
2	N9226089	COMPLEMENTO GUARDABARRO DEL. DER.	1	10078505
2A	N92260805D	COMPL. GUARD. DEL. DER.(NEGRO MATE+CALCA)	1	10081502
3	P3200010	TORNILLO M6X12	2	10079775
4	R1200260	ARANDELA	2	10079781
5	N3200340	TORNILLO	10	10081096
6	N9226079	COMPLEMENTO GUARD. DEL. IZQ.(SIN PINTAR)	1	10078504
6A	N92260705D	COMPL. GUARD. DEL. IZQ.(NEGRO MATE+CALCA)	1	10081246
7	M7101020	BUJE	4	10079670
8	M7100370	PLATINA SOPORTE GUARDABARRO DEL.	1	10078577
9	0330318	ARANDELA M8	4	10081558
10	420454700	TORNILLO M8X20	4	10079456
11	NF225739	CUBIERTA MOTOR IZQUIERDA(SIN PINTAR)	1	10086471
12	N9227540	SOPORTE DE CUBIERTA DE MOTOR	2	10080428
13	N3120130	ANTIVIBRANTE	3	10080275
14	N5200440	TORNILLO M6X20	3	10079715
15	0335618	ARANDELA 6.5X20	3	10080649
16	NF225659	CUBIERTA MOTOR DERECHA(SIN PINTAR)	1	10086472
17	NF225410	CUBIERTA MOTOR CENTRAL	1	10086473
18	0332275	TORNILLO M6X16	2	10083711
19	NF227450	DEFENSA DERECHA	1	10083722
20	NF225950	DEFENSA IZQUIERDA	1	10083721
21	0331058	TORNILLO	3	10082646
22	N9229420	PROTECTOR TUBO SILENCIADOR	1	10081005

FIGURA N°30: GUARDABARRO TRASERO

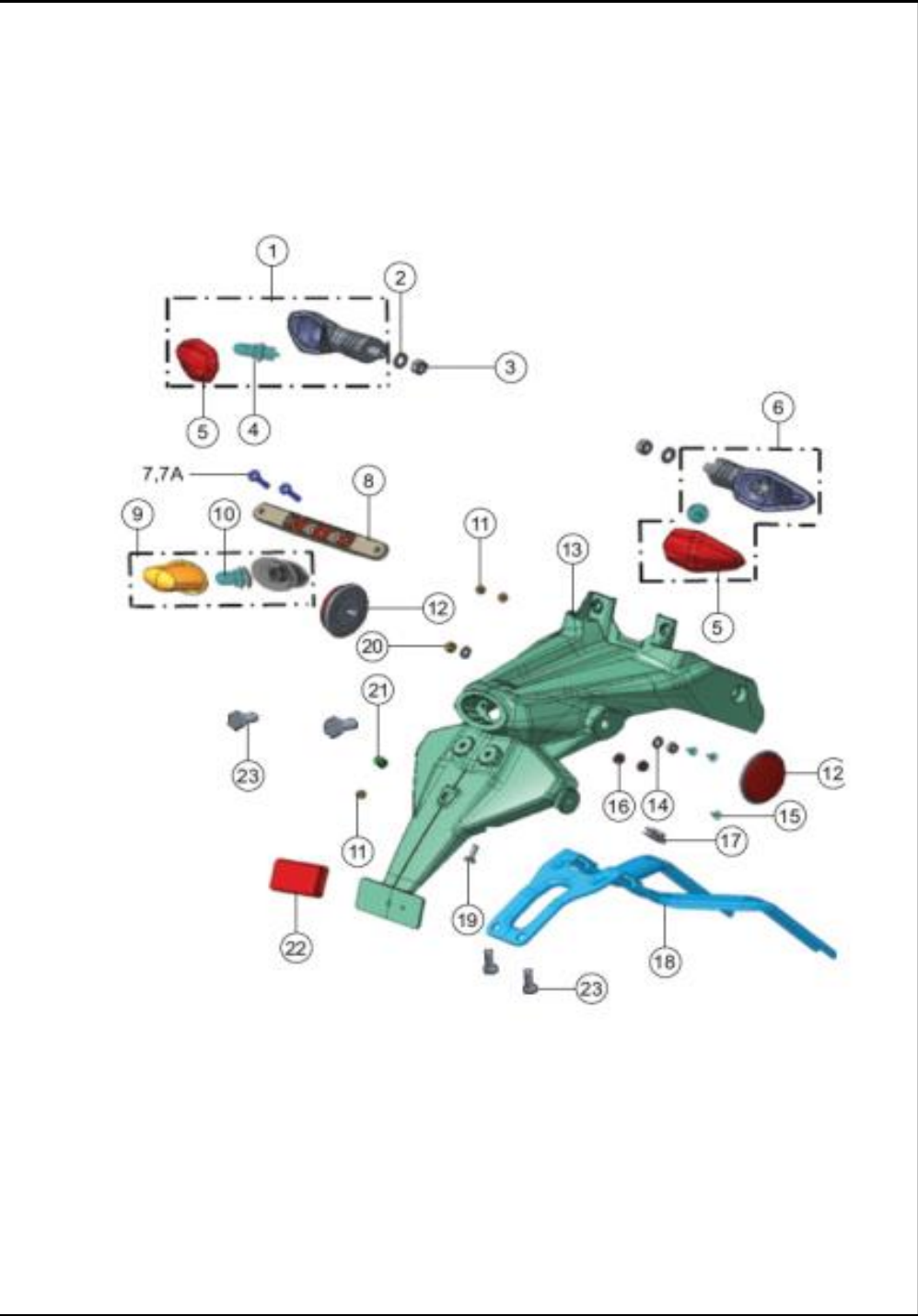


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9225760	DIRECCIONAL TRASERA IZQ.	1	10078208
2	0330328	ARANDELA M10	2	10080853
3	0334038	TUERCA M10	2	10081175
4	N9162650	BOMBILLO DIRECCIONAL	2	10080195
5	N9325610	LENTE DIRECCIONAL	2	10080835
6	N9225770	DIRECCIONAL TRASERA DER.	1	10078281
7	K3200860	TORNILLO M6X30	2	10083386
8	N3220910	PLATINA PORTA PLACA	1	10080354
9	N9220490	LUZ PLACA	1	10078215
10	N4160320	BOMBILLO LUZ PLACA	1	10083510
11	420302700	TUERCA M5	3	10081577
12	N9227200	REFLECTIVO LATERAL	2	10079521
13	N9225850	GUARDABARRO TRASERO	1	10079590
14	0335936	ARANDELA 6.5X13X1	2	10082663
15	N3200340	TORNILLO	3	10081096
16	0334146	TUERCA	2	10081575
17	K3200840	TUERCA PASTILLA TORNILLO M6	2	10080108
18	N9227140	SOPORTE GUARDABARRO TRASERO	1	10081247
19	N2200490	TORNILLO M6X20	2	10079689
20	P1200060	TUERCA M6X1	2	10079772
21	N4221270	ANTIVIBRANTE	1	10080739
22	M7160120	REFLECTIVO	1	10078410
23	420464700	TORNILLO M6X16	4	10081441

FIGURA N°31 :SUSPENSIÓN DELANTERA (1/2)

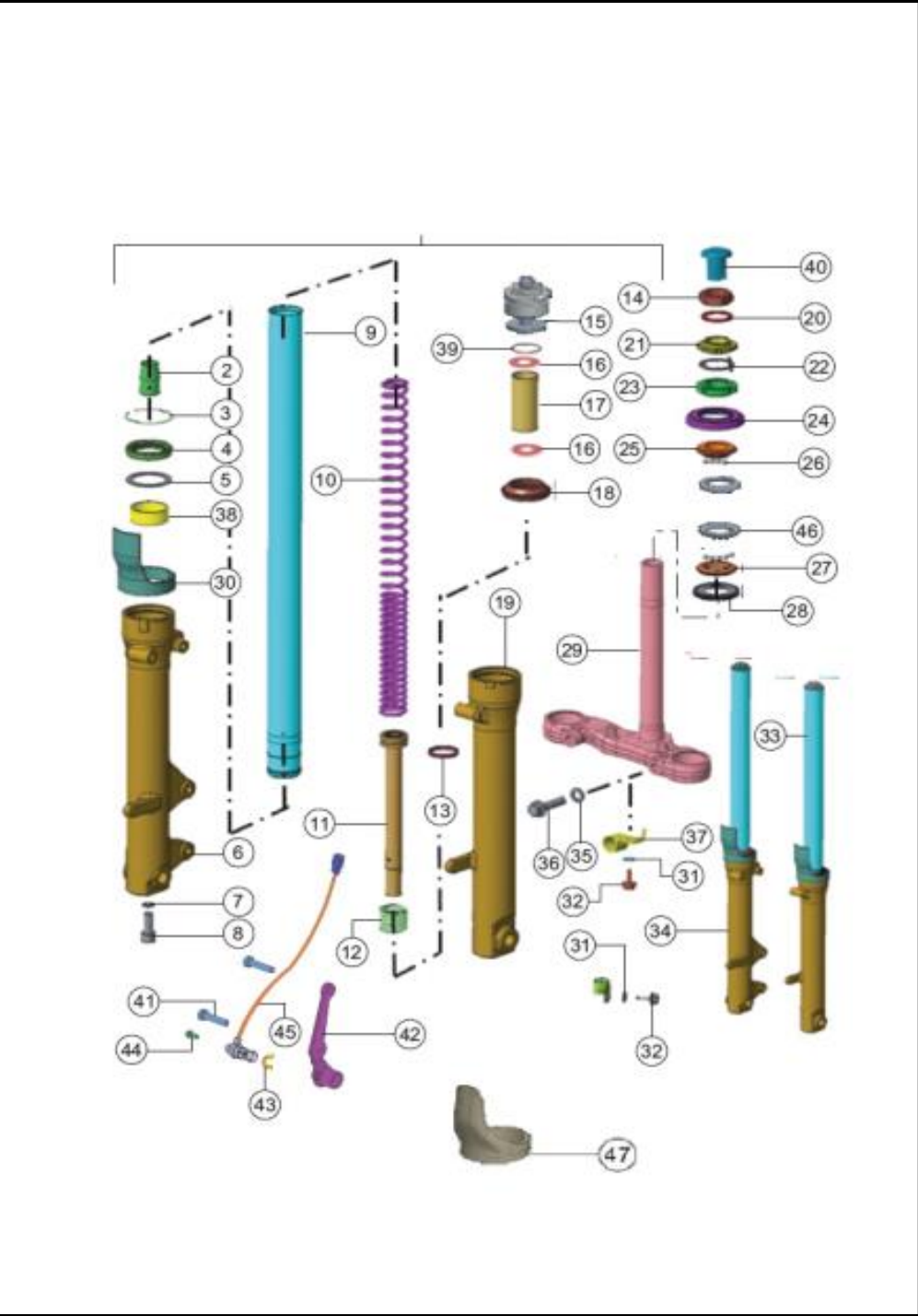


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
2	NR320060	BUJE TAPÓN	2	10086631
3	NR320130	ORING	2	10086632
4	N9322510	RETEN SUSPENSIÓN	2	10078178
5	N9322560	ARANDELA	2	10080828
6	NF100300	BOTELLA SUSPENSIÓN DERECHA	1	10086187
7	G7200070	ARANDELA COBRE SUSPENSIÓN 10X16X1	2	10081044
8	N9200250	TORNILLO ALLEN M10X25	2	10079932
9	NR320140	TUBO TELESCÓPICO	2	10086633
10	N9322470	RESORTE INTERNO SUSPENSIÓN	2	10082846
11	NR320080	PISTÓN BARRA	2	10086634
12	N9322580	RESORTE PISTÓN BARRA	2	10081009
13	NR320070	ANILLO RETENEDOR	2	10086635
14	410058700	TUERCA ESPIGA	1	10080164
15	NF100320	TAPÓN BARRA	2	10086636
16	N9322570	ARANDELA BARRA	4	10080829
17	NR320090	BUJE BARRA	2	10086637
18	N9322490	GUARDAPOLVO SUSPENSIÓN	2	10081149
19	NF100310	BOTELLA SUSPENSIÓN IZQUIERDA	1	10086188
20	410043700	ARANDELA	1	10078741
21	N9101520	PISTA DIRECCIÓN	1	10079916
22	N9101530	CUNA DIRECCIÓN	1	10082239
23	K3100800	CONTRATUERCA DIRECCIÓN	1	10082693
24	N9101480	GUARDAPOLVO SUSPENSIÓN	1	10079915
25	N9101600	CUNA SUPERIOR	1	10080979
26	K3200450	BALIN DE DIRECCIÓN	36	10080683

FIGURA N°31: SUSPENSIÓN DELANTERA (2/2)

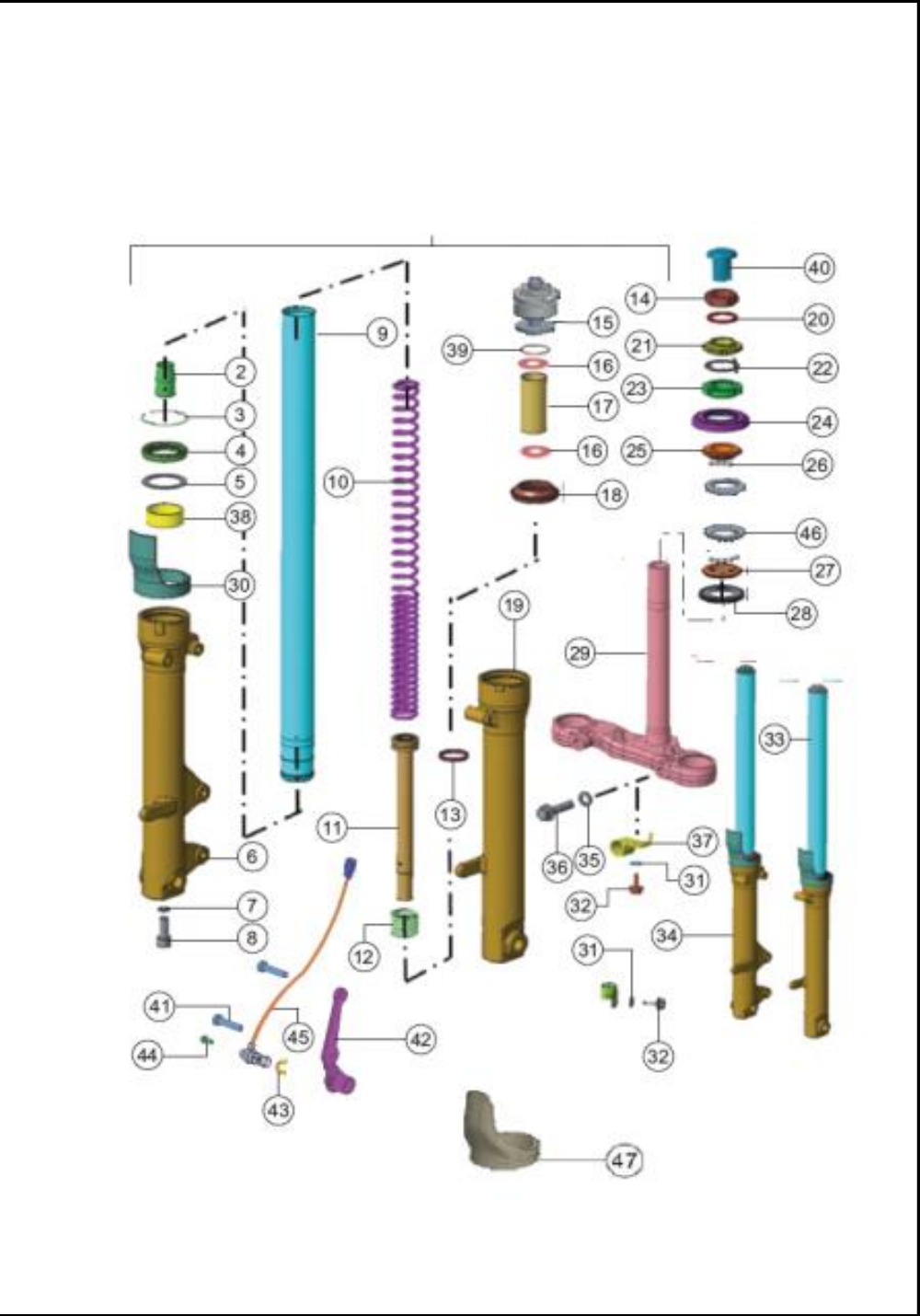


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
27	N9101300	CUNA INFERIOR	1	10080976
28	N9101580	GUARDAPOLVO INFERIOR	1	10080798
29	N9101200	ESPIGA CENTRAL	1	10080586
30	N9101700	PROTECTOR BARRA	2	10078731
31	P1200050	ARANDELA 6.5	2	10079942
32	M1200520	TORNILLO M6X16	2	10082181
33	NF100350	BARRA IZQUIERDA	1	10085622
34	NF100360	BARRA DERECHA	1	10085623
35	0330328	ARANDELA M10	2	10080853
36	R1200160	TORNILLO M10X1.25X40	2	10079779
37	N9114740	ABRAZADERA	1	10080982
38	N9101540	BUJE RETENEDOR	2	10080978
39	N9101290	O RING	2	10080797
40	N9101690	TAPÓN ESPIGA	1	10080980
41	S1101250	TORNILLO M8X35 ABS	2	10079786
42	N9113270	SOPORTE SENSOR ABS	1	10079921
43	N9113370	ARANDELA SENSOR VELOCIDAD ABS	1	10080801
44	0331708	TORNILLO M5X12 ABS	1	10081043
45	N9113110	SENSOR VELOCIDAD ABS	1	10081237
46	NF100450	CANASTILLA	2	10083934
47	NF100290	PROTECTOR INFERIOR BARRA IZQ.	1	10086189

This diagram illustrates the assembly of a boat's transom. The main components are shown in an exploded view:

- 1:** A grey bolt.
- 2:** A red pin or bush.
- 3:** A tan-colored bush or spacer.
- 4:** A dark green bush or spacer.
- 5:** A blue transom plate or support.
- 6:** A grey bracket or support piece.
- 7:** A yellow and red transom plate or support.
- 8:** Two blue pins or bolts.

Dashed lines indicate the assembly path, showing how the blue plate (5) is positioned relative to the yellow and red plate (7) and the various bushings and pins.



This diagram illustrates the components of a LEGO Technic assembly, numbered 1 through 37. A dashed box labeled (16) contains a sub-assembly consisting of a yellow motor, a black gear, and a yellow connector. The main assembly includes a central motor (1) connected to a gear train (2, 3, 3A, 4, 4A, 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). The assembly is supported by a base (11) and includes various connectors (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 a final output (37).



This diagram shows an exploded view of a LEGO Technic assembly. The parts are numbered 1 through 37. Dashed boxes indicate sub-assemblies or groups of parts: box 16 contains parts 16, 17, 18, and 19; box 17 contains parts 17, 26, 27, and 28; box 28 contains parts 28, 29, and 30. The assembly includes various components such as motors (1, 2), gears (12, 13), axles (34), connectors (6, 20), and structural beams (11, 36). The parts are arranged in a way that shows their relative positions and how they fit together.



FIGURA N°34: BRAZO OSCILANTE / AMORTIGUADOR

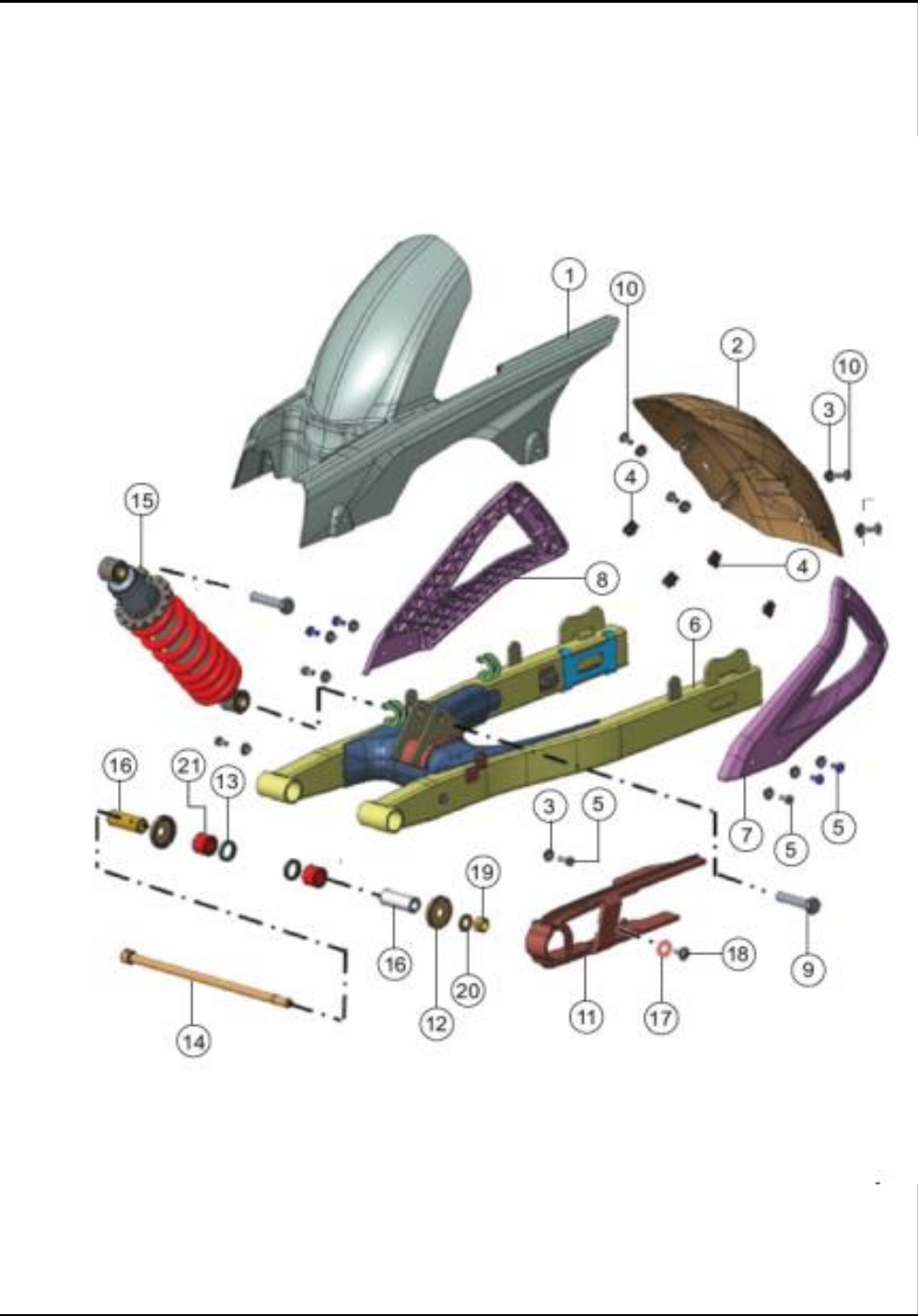


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9092620	CUBIERTA CADENA	1	10079074
2	N9092710	GUARDABARRO TRASERO INTERNO	1	10080114
3	N9051860	BUJE PARA TORNILLO M6	12	10078558
4	K3200840	TUERCA PASTILLA M6	4	10080108
5	M1200520	TORNILLO M6X16	8	10082181
6	N9092390	BRAZO OSCILANTE	1	10079072
7	N9092690	SOPORTE GUARDABARRO INT. IZQ.	1	10078517
8	N9092700	SOPORTE GUARDABARRO INT. DER.	1	10080567
9	N9200570	TORNILLO M12X1.75X55	2	10080821
10	N5200340	TORNILLO M6X16	4	10079714
11	N9092440	DESLIZACADENA	1	10080515
12	N9092420	ARANDELA EJE	2	10083855
13	N9092410	RETENEDOR	2	10080795
14	N5111210	EJE BRAZO OSCILANTE 12X275	1	10080945
15	M7091000	AMORTIGUADOR	1	10078453
16	N9092430	BUJE BRAZO OSCILANTE	2	10079508
17	0335608	ARANDELA 6.5X16X1.2	1	10079610
18	0332275	TORNILLO M6X16	1	10083711
19	0334158	TUERCA	1	10079794
20	0335538	ARANDELA 12.5X22X2.3	1	10079608
21	N9200530	RODAMIENTO	2	10083937

FIGURAN° 35: CALIPER DELANTERO (1/2)

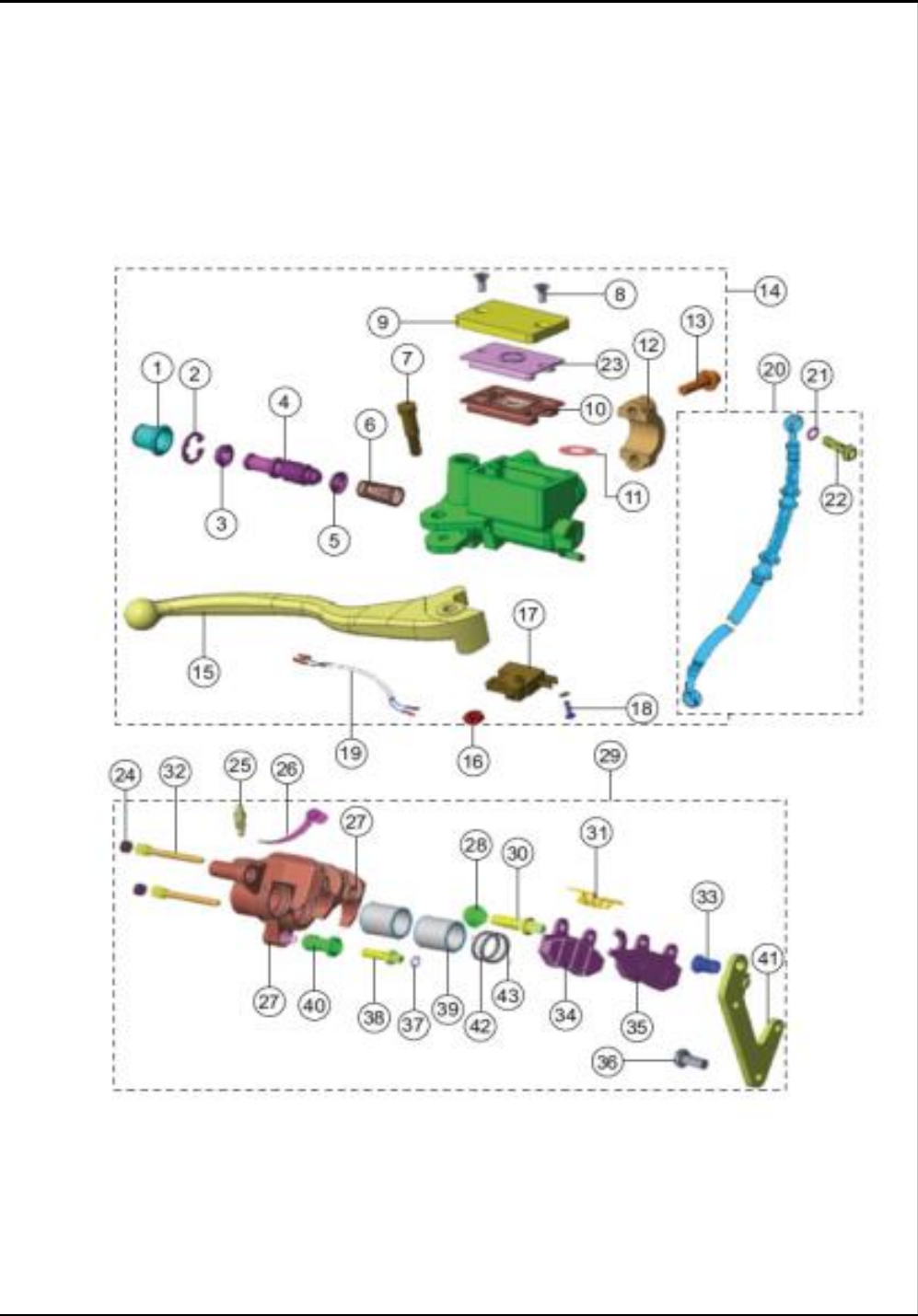


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9322840	PISTÓN BOMBA FRENO	1	10078571
2	N9322840	PIN SEGURIDAD	1	10078571
3	N9322840	GUARDAPOLVO	1	10078571
4	N9322840	PIN AISLANTE	1	10078571
5	N9322840	GUARDAPOLVO	1	10078571
6	N9322840	RESORTE	1	10078571
7	N9322020	TORNILLO LEVA FRENO	1	10078168
8	N9321530	TORNILLO TANQUE BOMBA FRENO	2	10081006
9	N9321530	TAPA TANQUE BOMBA FRENO	1	10081006
10	N9322010	DIAFRAGMA BOMBA FRENO	1	10081148
11	N9322840	ARANDELA SELLO BOMBA	1	10078571
12	N9321510	ABRAZADERA BOMBA FRENO	1	10081613
13	N9321510	TORNILLO	2	10081613
14	NF110740	BOMBA FRENO DELANTERA	1	10086194
15	NF150330	LEVA DERECHA	1	10086195
16	N9321520	TUERCA LEVA FRENO	1	10078554
17	N9321520	SWICHE STOP	1	10078554
18	N9321520	TORNILLO Y ARANDELA	1	10078554
19	N9321520	CABLE SWICHE STOP	1	10078554
20	NF110600	MANGUERA FRENO DELANTERO ABS	1	10086456
21	N9111330	ARANDELA	4	10082838
22	M7110330	TORNILLO	2	10080728
23	N9321530	PLATINA BOMBA FRENO	1	10081006
24	N9321550	TAPÓN TORNILLO CALIPER	2	10081333

This diagram shows an exploded view of a mechanical assembly, likely a robotic gripper or a similar device. The parts are numbered 1 through 41. The assembly is organized into three main sections, each enclosed in a dashed box. The top section contains parts 1 through 22, including a yellow arm (15), a green base (11), and a blue curved arm (20). The middle section contains parts 23 through 31, including a yellow plate (9), a purple plate (23), and a brown plate (10). The bottom section contains parts 32 through 41, including a red motor (27), a yellow arm (32), and a green arm (41). The diagram illustrates the relative positions and assembly sequence of these components.



This exploded view diagram illustrates the components of a bicycle front fork assembly. The parts are numbered as follows:

- 1:** Upper steerer tube cap
- 2:** Upper steerer tube
- 3:** Lower steerer tube cap
- 4:** Lower steerer tube
- 5:** Crown race
- 6:** Crown race spacer
- 7:** Crown race seal
- 8:** Crown race
- 9:** Lower fork leg
- 10:** Lower fork leg cap
- 11:** Lower fork leg seal
- 12:** Lower fork leg cap
- 13:** Lower fork leg seal
- 14:** Lower fork leg
- 15:** Lower fork leg cap
- 16:** Lower fork leg seal
- 17:** Lower fork leg cap
- 18:** Lower fork leg seal
- 19:** Lower fork leg cap
- 20:** Lower fork leg seal
- 21:** Lower fork leg cap
- 22:** Lower fork leg seal
- 23:** Lower fork leg cap
- 24:** Lower fork leg seal
- 25:** Lower fork leg cap
- 26:** Lower fork leg seal
- 27:** Lower fork leg cap
- 28:** Lower fork leg seal
- 29:** Lower fork leg cap
- 30:** Lower fork leg seal



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The parts are numbered 1 through 30. The assembly is organized into several sub-assemblies indicated by dashed boxes:

- Top Assembly:** Includes a long orange curved pipe (2) with a purple fitting (1) at one end and a purple cap (30) at the other.
- Central Assembly:** Features a green cylindrical component (8) with a brown cap (5), a grey seal (6), and a blue O-ring (7). It is connected to a pink L-shaped pipe (9) via a grey fitting (12).
- Right Assembly:** Shows a yellow valve body (14) connected to a blue pipe (21) through a grey fitting (15). The blue pipe has a purple cap (23) and a purple O-ring (24). A purple fitting (25) is also shown.
- Bottom Assembly:** Includes a green valve body (27) connected to a grey pipe (26) via a grey fitting (12).
- Other Components:** Various small parts like O-rings (10, 11, 13), washers (16, 17, 18, 19), and bolts (28, 29) are shown separately.



FIGURA N°37: CALIPER TRASERO

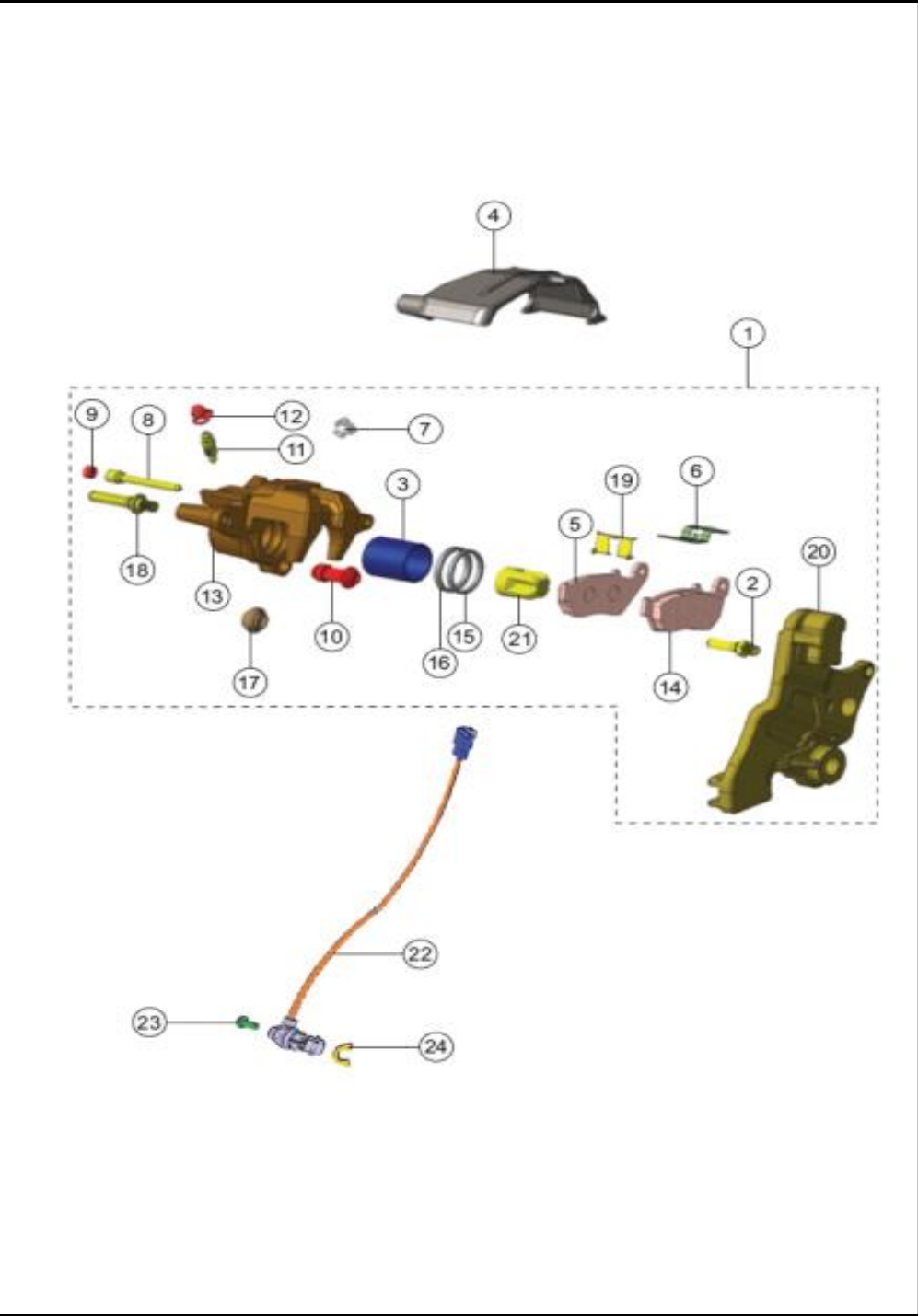


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9114110	CALIPER TRASERO	1	10078677
2	N9324600	TORNILLO PIN	1	10081564
3	N9322190	PISTÓN CALIPER	1	10078567
4	N9113410	CUBIERTA DISCO TRASERO	1	10078438
5	N9113780	PASTA FRENO INTERNO	1	10081605
6	N9322190	PLATINA	1	10078567
7	N9322190	TAPÓN	1	10078567
8	N9322190	TORNILLO PIN CALIPER	1	10078567
9	N9322190	TAPÓN	1	10078567
10	N9322190	PIN	1	10078567
11	N9322250	TORNILLO SANGRADO	1	10081600
12	N9322250	TAPÓN TORNILLO SANGRADO	1	10081600
13	N9322190	CALIPER TRASERO SOLO	1	10078567
14	N9113780	PASTA FRENO EXTERNA	1	10081605
15	N9322190	SELLO PISTÓN	1	10078567
16	N9322190	RETENEDOR	1	10078567
17	N9322190	BUJE	1	10078567
18	N9324600	TORNILLO PIN CALIPER	1	10081564
19	N9324600	PLATINA	1	10081564
20	N9324600		1	10081564
21	N9324500	CAUCHO PISTÓN	1	10081011
22	N9113110	SENSOR VELOCIDAD ABS	1	10081237
23	8200120	TORNILLO M5X12	1	10079617
24	N9113370	ARANDELA SENSOR VELOCIDAD ABS	1	10080801

[illegible]

1



2/3



4



Figure 1 displays 17 numbered 3D models of fragments from the 'Pompa' shipwreck, color-coded by group: green (1-3), red (4-5), yellow (6), purple (7-11), brown (12-13), and blue (14-17). The fragments are arranged in a grid-like fashion for identification.



FIGURA N°41: CALCOMANIAS (1/3)

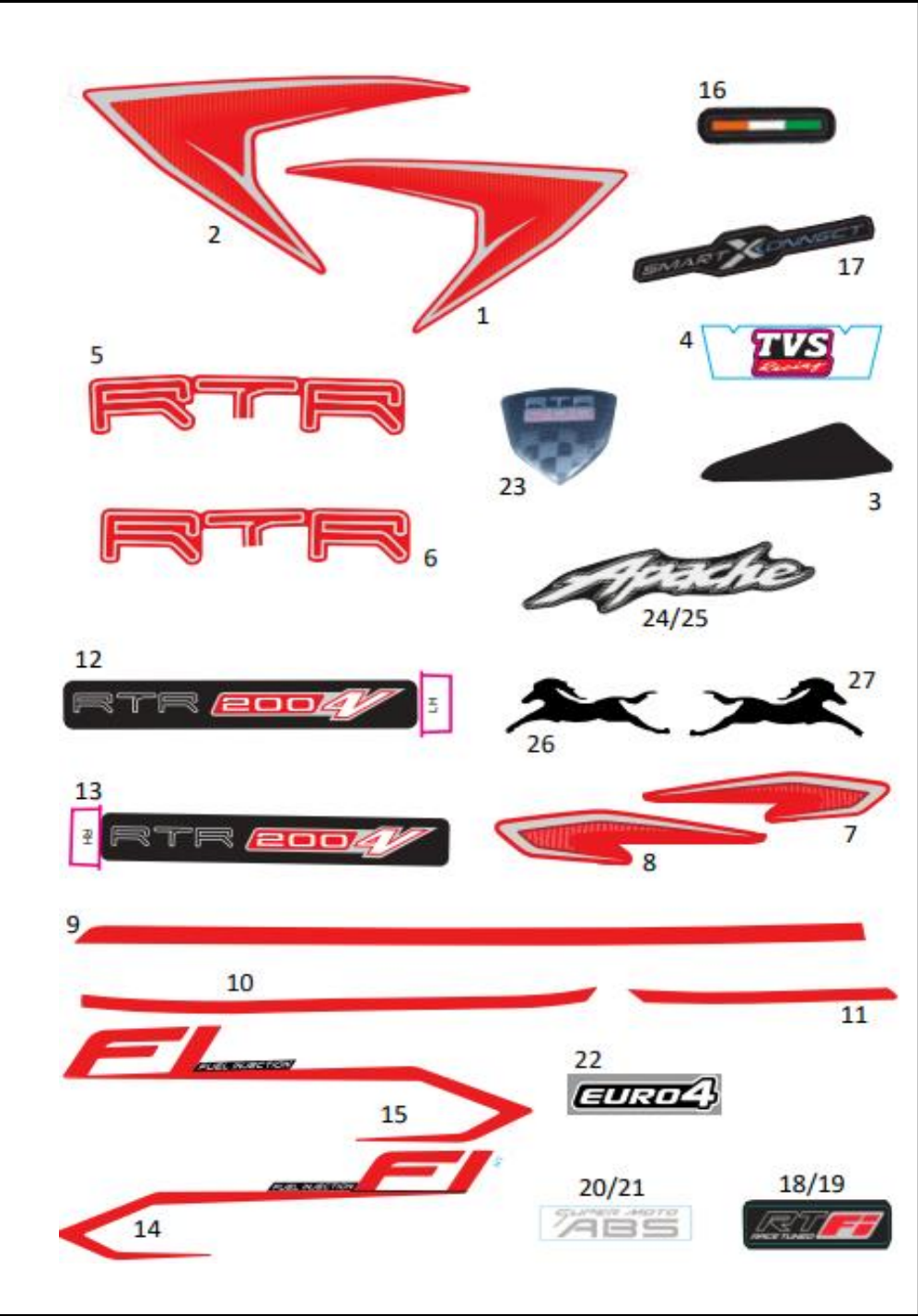


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	20014738	CALC. ENFOCADOR TANQUE DER. ROJA	1	20014738
1A	20014774	CALC. ENFOCADOR TANQUE DER. AZUL	1	20014774
1B	20014762	CALC. ENFOCADOR TANQUE DER. TOP FROST	1	20014762
1C	20014750	CALC. ENFOCADOR TANQUE DER. NEG-ROJ	1	20014750
2	20014739	CALC. ENFOCADOR TANQUE IZQ. ROJA	1	20014739
2A	20014775	CALC. ENFOCADOR TANQUE IZQ. AZUL	1	20014775
2B	20014763	CALC. ENFOCADOR TANQUE IZQ. TOP FROST	1	20014763
2C	20014751	CALC. ENFOCADOR TANQUE IZQ. NEG-ROJ	1	20014751
3	20013994	CALC. PROTECTOR TANQUE	1	20013994
4	20014032	CALC. GUARDABARRO DEL. ROJO	1	20014032
4A	20014776	CALC. GUARDABARRO DEL. AZUL	1	20014776
4B	20014764	CALC. GUARDABARRO DEL. TOP FROST	1	20014764
4C	20014031	CALC. GUARDABARRO DEL. NEGRO-ROJO	1	20014031
5	20014741	CALC. TANQUE DER. RTR ROJA	1	20014741
5A	20014777	CALC. TANQUE DER. RTR AZUL	1	20014777
5B	20014765	CALC. TANQUE DER. TOP FROST	1	20014765
5C	20014753	CALC. TANQUE DER. NEG-ROJA	1	20014753
6	20014742	CALC. TANQUE IZQ. RTR ROJA	1	20014742
6A	20014778	CALC. TANQUE IZQ. AZUL	1	20014778
6B	20014766	CALC. TANQUE IZQ. TOP FROST	1	20014766
6C	20014754	CALC. TANQUE IZQ. NEG-ROJA	1	20014754
7	20014743	CALC. CARENAJE DER. ROJA	1	20014743
7A	20014779	CALC. CARENAJE DER. AZUL	1	20014779
7B	20014767	CALC. CARENAJE DER. TOP FROST	1	20014767
7C	20014755	CALC. CARENAJE DER. NEG-ROJ	1	20014755

FIGURA N°41: CALCOMANIAS (2/3)

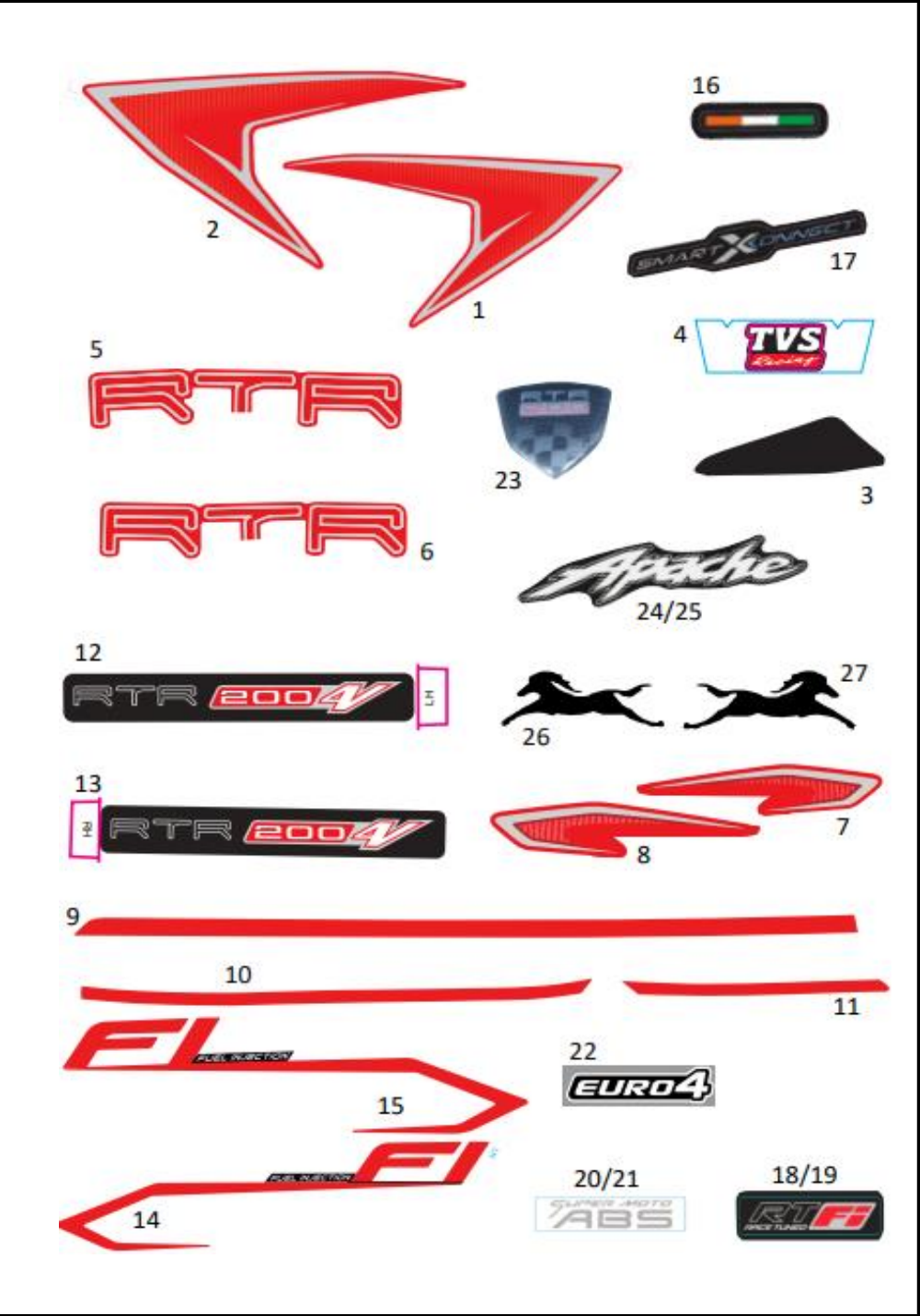


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
8	20014744	CALC. CARENAJE IZQ. ROJA	1	20014744
8A	20014780	CALC. CARENAJE IZQ. AZUL	1	20014780
8B	20014768	CALC. CARENAJE IZQ. TOP FROST	1	20014768
8C	20014756	CALC. CARENAJE IZQ. NEG-ROJ	1	20014756
9	20014745	CALC. TANQUE CENTRAL IZQ. ROJA	1	20014745
9A	20014781	CALC. TANQUE CENTRAL IZQ. AZUL	1	20014781
9B	20014769	CALC. TANQUE CENTRAL IZQ. TOP FRSTOT	1	20014769
9C	20014757	CALC. TANQUE CENTRAL IZQ. NEG-ROJA	1	20014757
10	20014746	CALC. TANQUE CENTRO TR.DER.ROJA	1	20014746
10A	20014782	CALC. TANQUE CENTRO TR. DER. AZUL	1	20014782
10B	20014770	CALC. TANQUE CENTRO TR. DER. TOP FROST	1	20014770
10C	20014758	CALC. TANQUE CENTRO TR. DER. NEG-ROJA	1	20014758
11	20014747	CALC. TANQUE CENTRO FR. DER.ROJA	1	20014747
11A	20014783	CALC. TANQUE CENTRO FR. DER. AZUL	1	20014783
11B	20014771	CALC. TANQUE CENTRO FR. DER. TOP FROST	1	20014771
11C	20014759	CALC. TANQUE CENTRO FR. DER. NEG-ROJA	1	20014759
12	20014075	CALC. CUBIERTA SILLÍN SUP. DER.	1	20014075
13	20014077	CALC. CUBIERTA SILLÍN SUP. IZQ.	1	20014077
14	20014748	CALC. CUBIERTA SILLÍN FI DER. ROJA	1	20014748
14A	20014784	CALC. CUBIERTA SILLÍN FI DER. AZUL	1	20014784
14B	20014772	CALC. CUBIERTA SILLÍN FI DER. TOP FROST	1	20014772
14C	20014760	CALC. CUBIERTA SILLÍN FI DER. NEG-ROJ	1	20014760

27 motorcycle graphics and logos are displayed, numbered 1 through 27. The items include:

- 1: Red arrow-shaped graphic pointing right.
- 2: Red arrow-shaped graphic pointing left.
- 3: Black teardrop-shaped graphic.
- 4: TVS Racing logo in a blue and white frame.
- 5: Red RTR logo.
- 6: Red RTR logo.
- 7: Red arrow-shaped graphic pointing right.
- 8: Red arrow-shaped graphic pointing left.
- 9: Long red horizontal bar.
- 10: Red horizontal bar with a slight curve.
- 11: Red horizontal bar with a slight curve.
- 12: Black RTR 2004V logo with a red outline.
- 13: Black RTR 2004V logo with a red outline.
- 14: Red arrow-shaped graphic pointing left.
- 15: Red arrow-shaped graphic pointing right.
- 16: Small black rectangular graphic with orange and green horizontal stripes.
- 17: Black X-RACE logo.
- 18/19: RTFi RACE TUNED logo.
- 20/21: SLIPPER-CONTROL ABS logo.
- 22: EURO4 logo.
- 23: Blue shield-shaped graphic with a checkered pattern.
- 24/25: Apache logo in a stylized font.
- 26: Black silhouette of a running horse.
- 27: Black silhouette of a running horse.





LISTA DE KITS

ITEM	REF.	DESCRIPCIÓN	CONTENIDO DEL KIT
1	N9325440	KIT RETENES	Retenedor Eje de Cambios
			Retén Cigüeñal Der.
			Retén Piñón Arrastre 20x47x14
			Retén Leva 12x18x4
2	NF320830	KIT ARRASTRE	Cadena 116 L
			Sprocket
			Piñón Salida 13 T
			Platina Piñón Salida
3	N9325230	KIT GATO LATERAL COMPLETO	Gato Lateral
			Tornillo M10x30
			Tuerca M10
			Resorte
4	N9325250	CILINDRO COMPLETO	Cilindro
			Pistón
			Empaque Culata
			Empaque Cilindro
5	M1320340	KIT O RING MOTOR	O Ring Filtro 13x2
			O Ring Tapa Filtro de Aceite
			O Ring 16.8x3.1
			O Ring 60.5x2.4 Tapa Fil. Ace. Inf
			O Ring Tapón Volante 23x3

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LISTA DE KITS

ITEM	REF.	DESCRIPCIÓN	CONTENIDO DEL KIT
6	N9111300	KIT PASTA FRENO DEL.	Pasta Freno Interno
			Pasta Freno Externo
7	N9325820	KIT VÁLVULAS	Cuna Dirección Chasis Inf.
			Cuna Superior
			Rodamiento Canastilla
			Guardapolvo Inferior
			Cuna Inferior
8	N9325190	KIT CUNAS DIRECCIÓN	Válvula Admisión
			Válvula Escape
			Arandela de Válvula
			Resorte de Válvula
			Retenedor Resorte de Válvula
			Seguro de Válvula
			Sello de Válvula

FICHA TÉCNICA APACHE RTR 200 FI

UNIDAD	
CARACTERISTICA	
Motor	4 Tiempos Monocilíndrico
Cilindrada	197,75 cc.
Potencia Máxima	20.54 HP @ 9000 rpm
Torque Máximo	17.25 NM @ 7250 rpm
Transmisión	Mecánica 5 Velocidades
Sistema de Alimentación	Inyección Electrónica
Refrigeración	Aire y Aceite
Diámetro x Carrera	66x57.8 mm
FRENOS	
Freno Delantero	Disco (270 mm), Mordaza de 2 Pistones
Freno Trasero	Disco (240 mm), Mordaza 1 Pistón
SUSPENSION	
Suspensión Delantera	Horquilla Telescópica
Suspensión Trasera	Monoamortiguador
CAPACIDAD DEL TANQUE	
Lleno	12 L (3,17 gal)
Combustible	Extra
LLANTAS	
Llanta Delantera	90/90 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	2050 mm
Altura Total	1050 mm
Ancho Total	790 mm
Distancia Entre Ejes	1353 mm
Altura Al piso	180 mm

