



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:

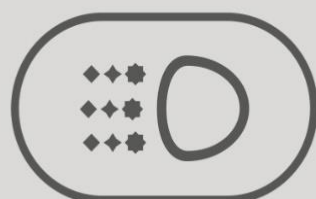
- * Para frenar de forma eficaz, deje de acelerar y utilice la leva de freno delantero y el pedal de freno trasero simultáneamente, de la misma manera que en el sistema de frenos de una motocicleta convencional
- * El ABS no puede compensar las condiciones adversas de la carretera, un error de juicio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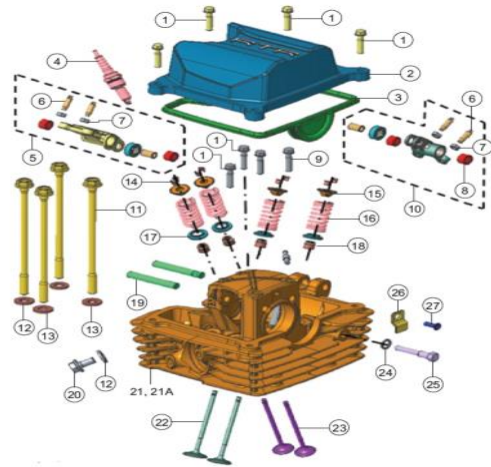


FIGURA N° 1: CULATA

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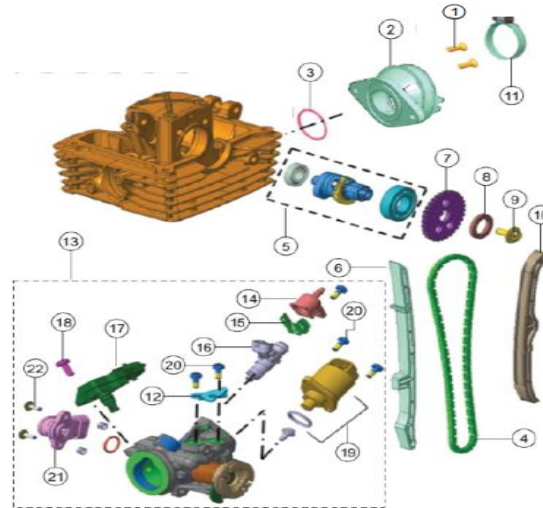


FIGURA N° 2: EJE DE LEVAS / CUERPO INYECTOR

PÁG.N° 3

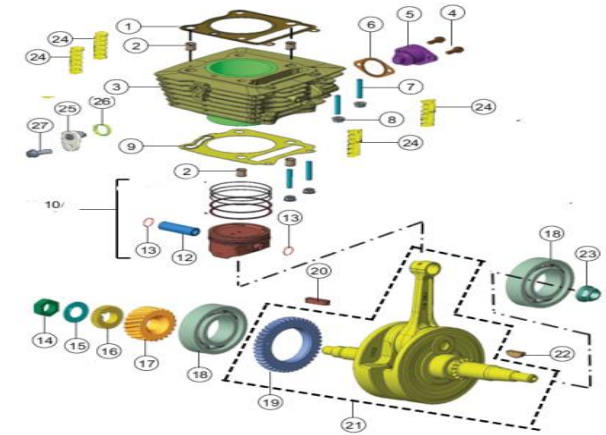


FIGURA N° 3: CILINDRO / PISTÓN / CIGÜEÑAL

PÁG.N° 4/5

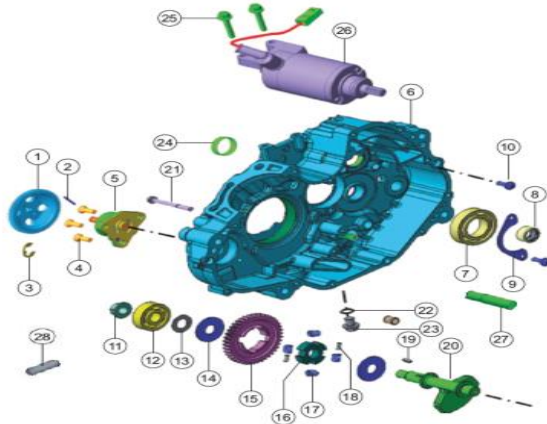


FIGURA N° 4: CARCASA DERECHA /
BALANCEADOR

PÁG.N° 6/7

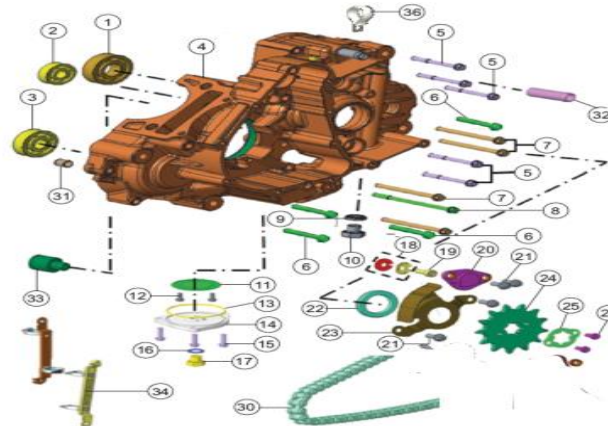


FIGURA N° 5: CARCASA IZQUIERDA

PÁG.N° 8/9

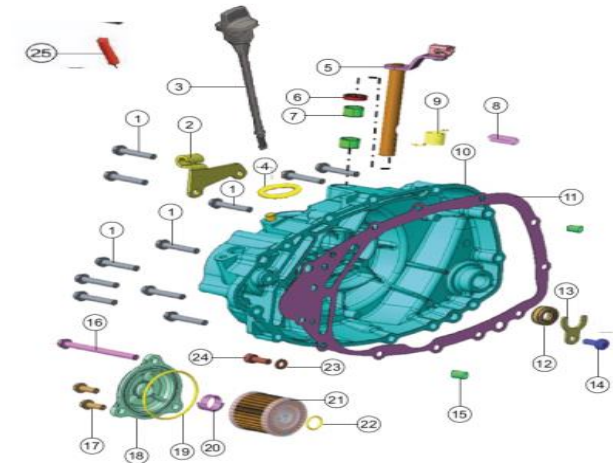
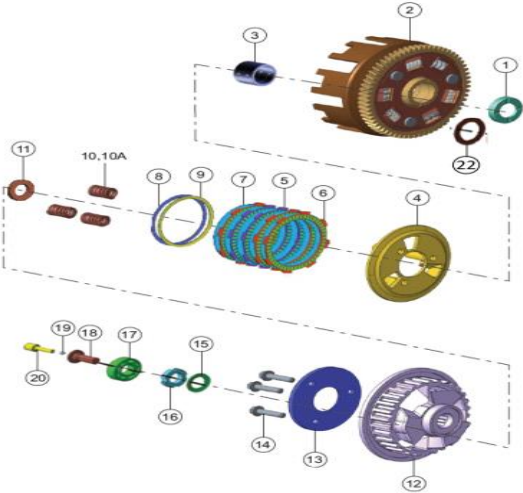
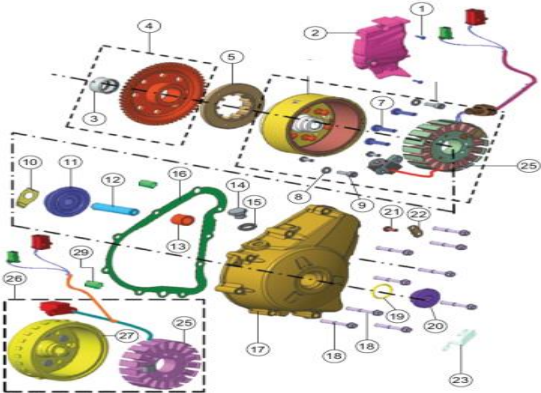
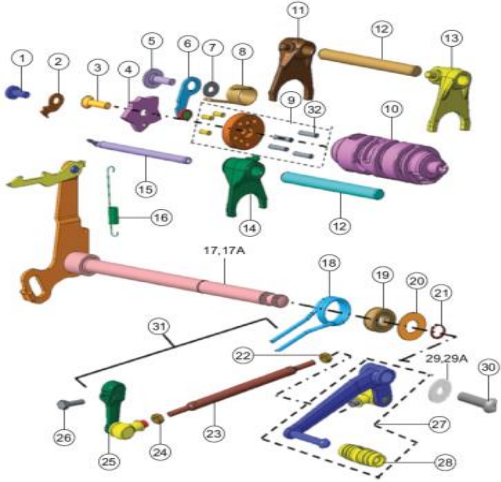
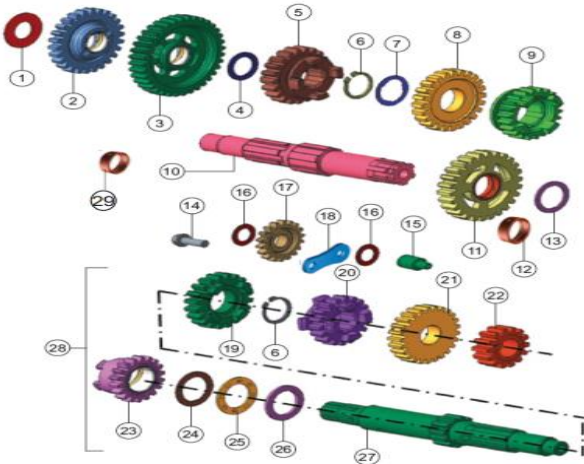
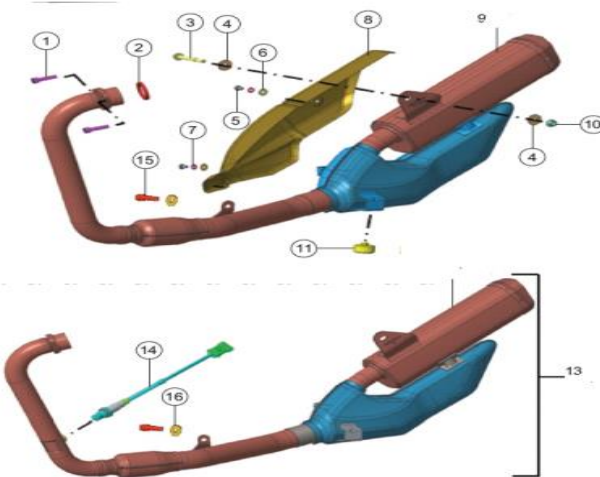
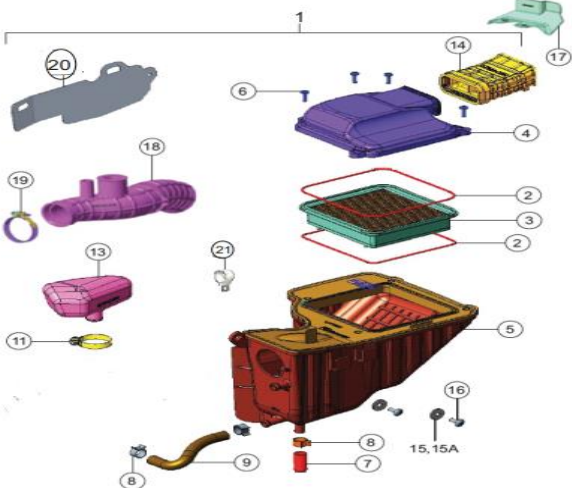


FIGURA N° 6: CUBIERTA CLUTCH

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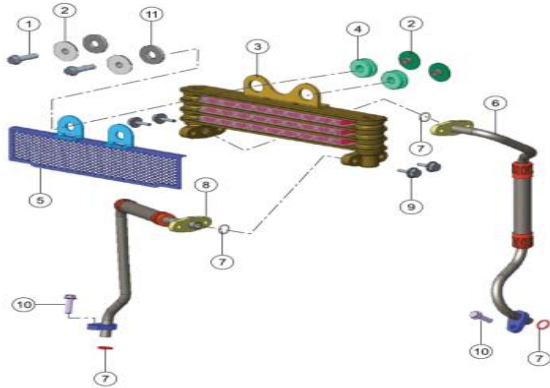


FIGURA N° 13: RADIADOR

PÁG.N°. 20

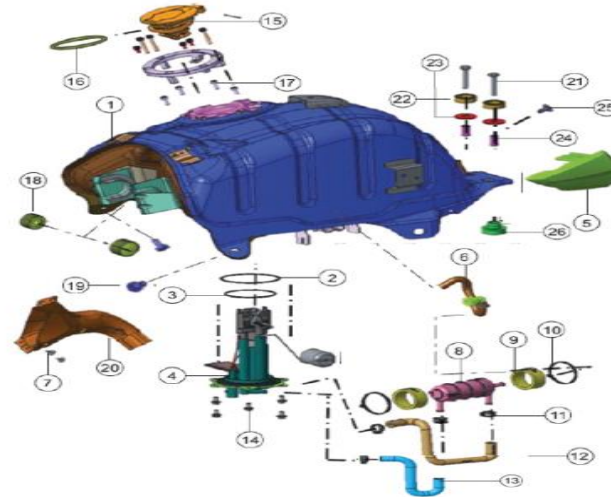


FIGURA N° 14: TANQUE DE GASOLINA

PÁG.N°. 21/22

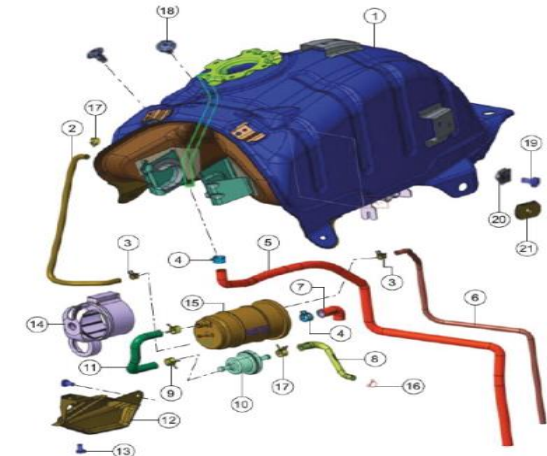


FIGURA N° 15: CANISTER

PÁG.N°. 23

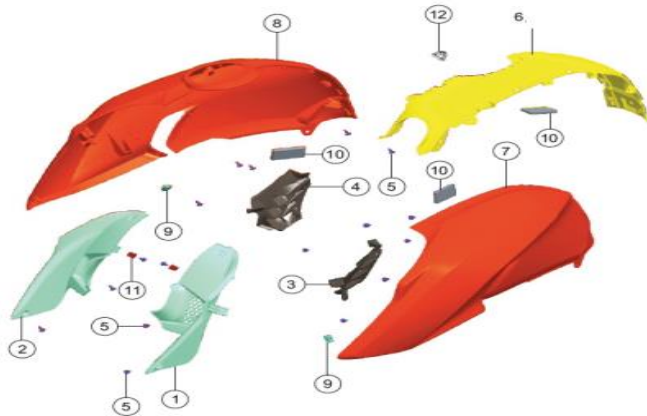


FIGURA N° 16: CUBIERTA TANQUE

PÁG.N°. 24

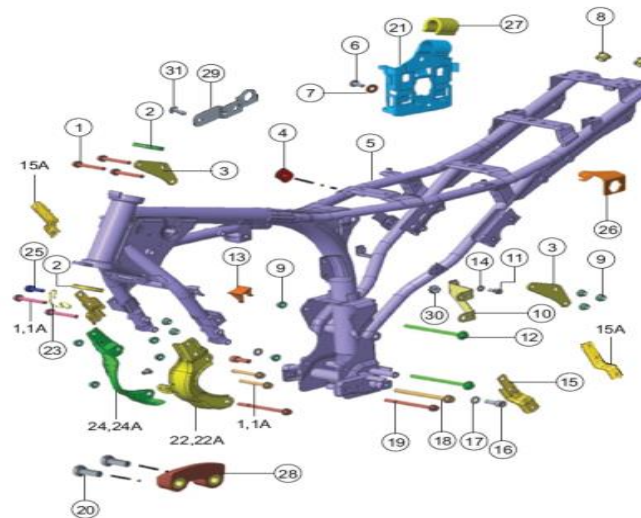


FIGURA N° 17: CHASIS

PÁG.N°. 25

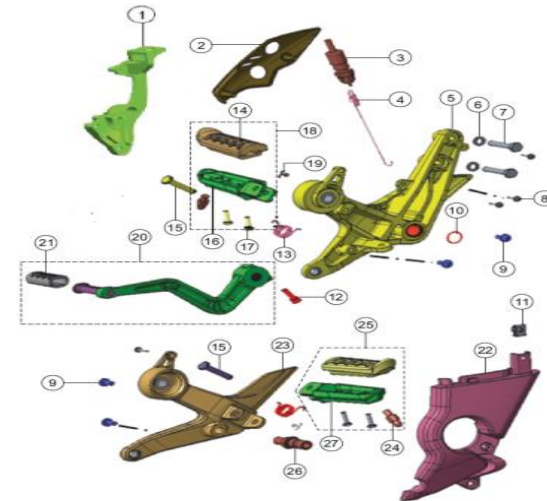


FIGURA N° 18: REPOSAPIE DELANTERO

PÁG.N°. 26/27

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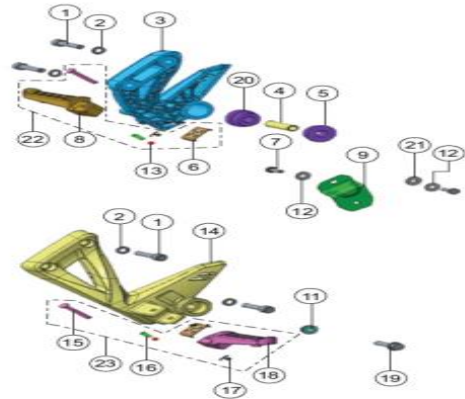


FIGURA N° 19: REPOSAPIE TRASERO

PÁG.N° 28

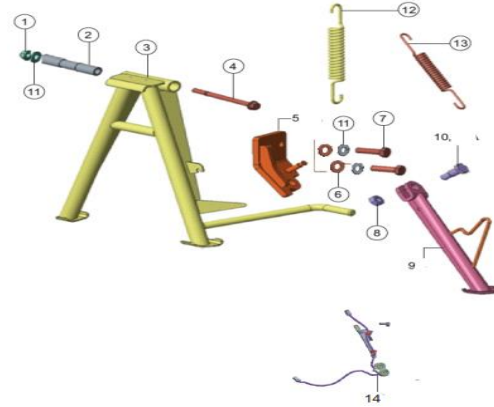


FIGURA N° 20: GATO CENTRAL / GATO LATERAL

PÁG.N° 29

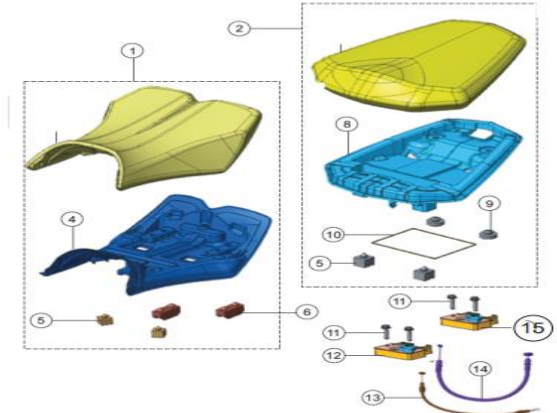


FIGURA N° 21: SILLÍN

PÁG.N° 30

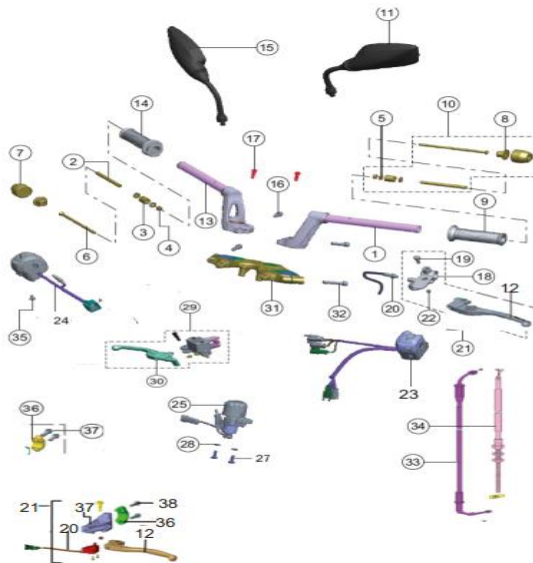


FIGURA N° 22: MANUBRIO

PÁG.N° 31/32

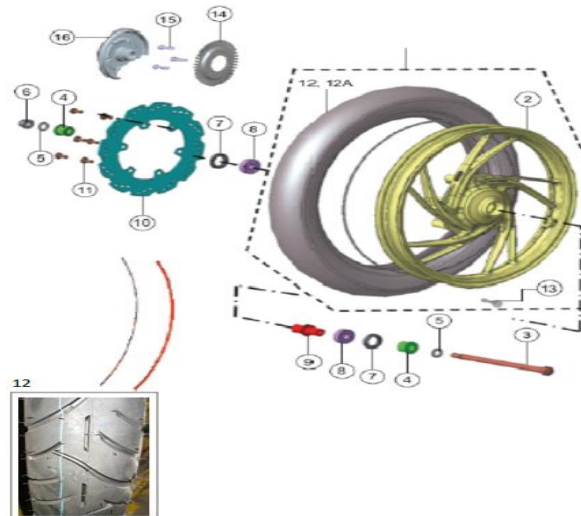


FIGURA N° 23: RUEDA DELANTERA

PÁG.N° 33

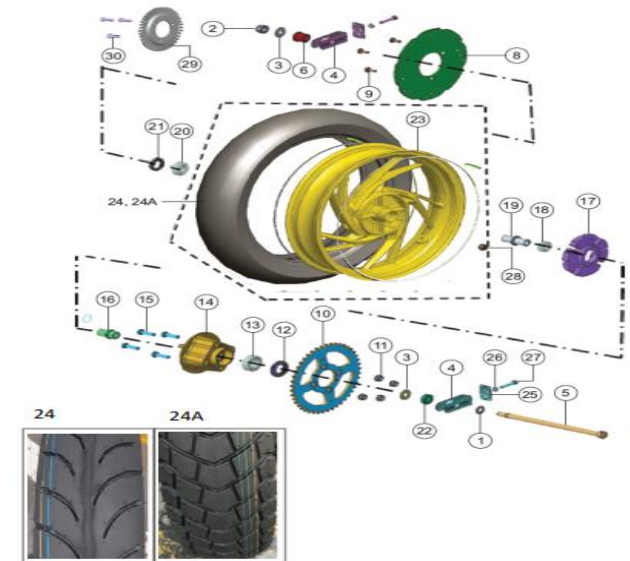


FIGURA N° 24: RUEDA TRASERA

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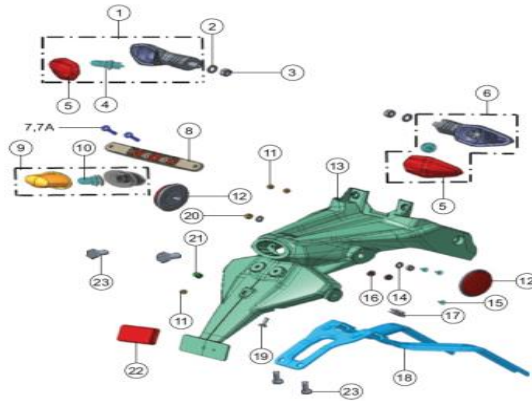


FIGURA N° 30: GUARDABARRO TRASERO

PÁG.N°. 43

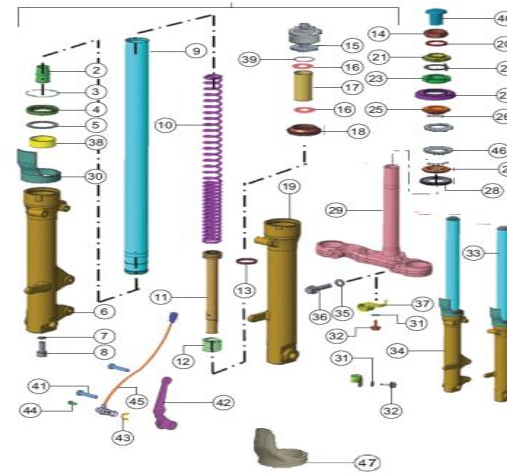


FIGURA N° 31: SUSPENSIÓN DELANTERA

PÁG.N°. 44/45

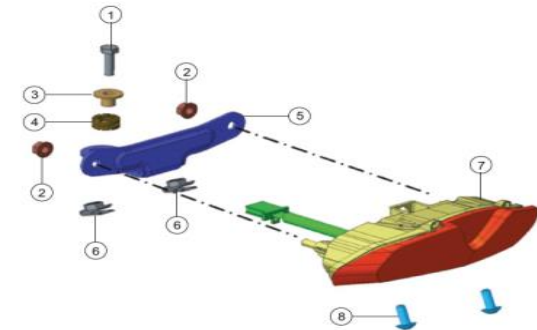


FIGURA N° 32: STOP

PÁG.N°. 46

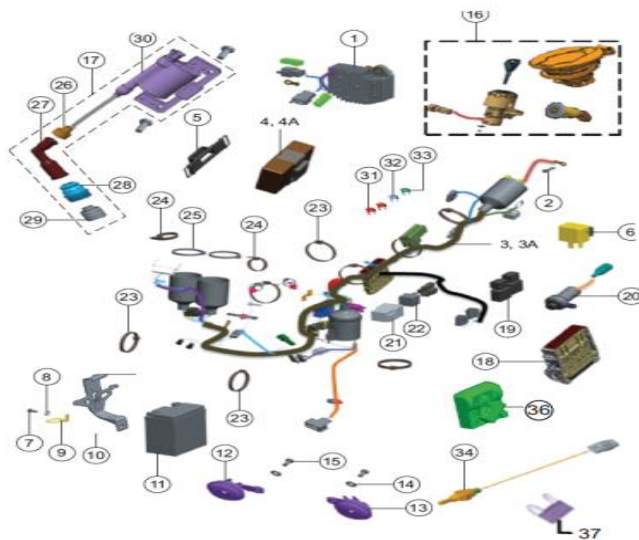


FIGURA N° 33: EQUIPO ELÉCTRICO

PÁG.N°. 47/48

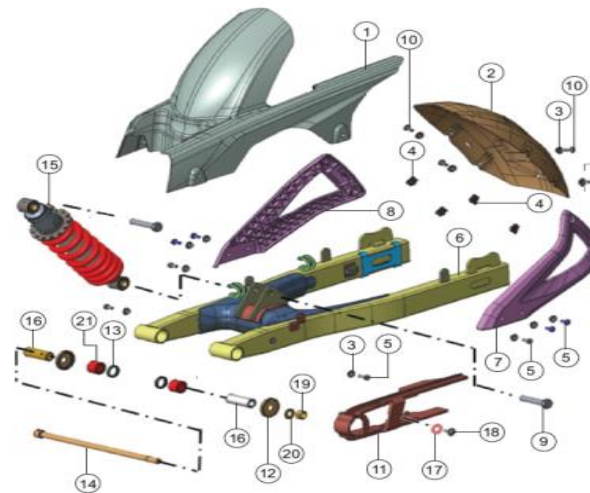


FIGURA N° 34: BRAZO OSCILANTE /
AMORTIGUADOR

PÁG.N°. 49

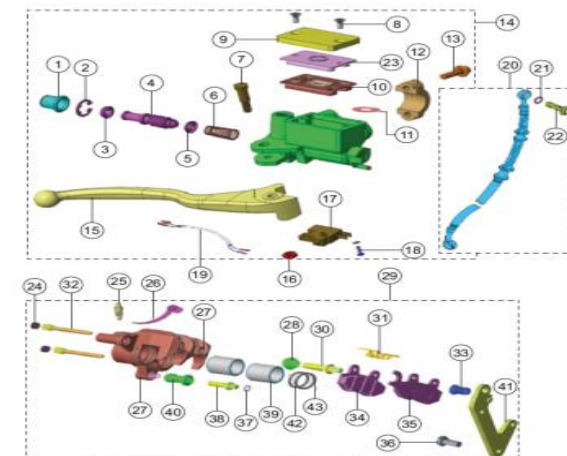


FIGURA N° 35: CALIPER DELANTERO

PÁG.N°. 50/51

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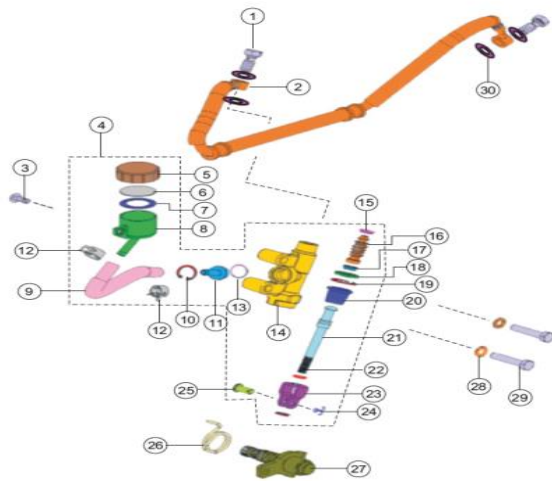


FIGURA N° 36: BOMBA FRENO TRASERA

PÁG.N°. 52/53

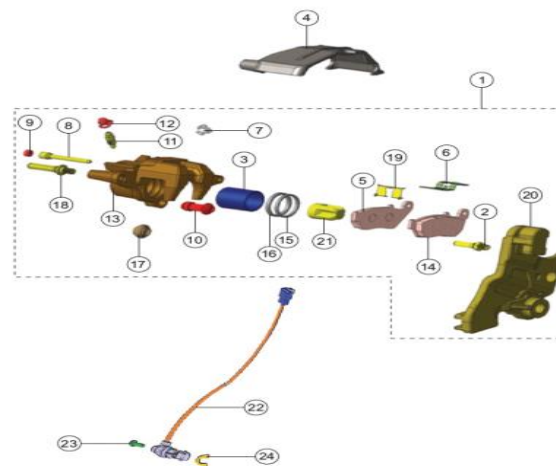


FIGURA N° 37: CALIPER TRASERO

PÁG.N°. 54

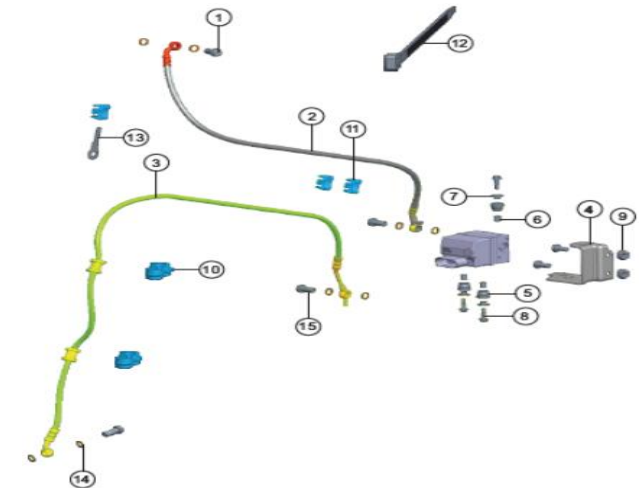


FIGURA N° 38: SISTEMA FRENO ABS

PÁG.N°. 55

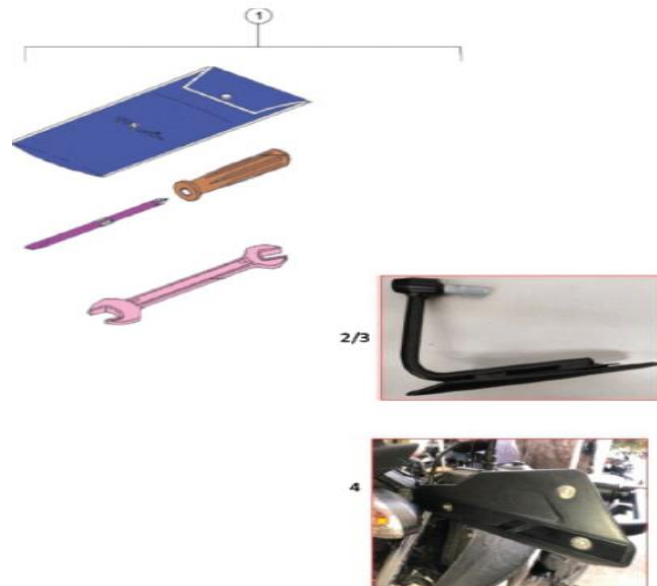


FIGURA N° 39: HERRAMIENTA

PÁG.N°. 56



FIGURA N° 40: PARTES SIN PINTAR

PÁG.N°. 57



FIGURA N° 41 AI 44: CALCOMANIAS

PÁG.De 58 a 63

Exploded view diagram of a 2-stroke engine assembly. The diagram shows the following components and their assembly sequence:

- 1**: Screws for the cylinder head.
- 2**: Cylinder head.
- 3**: Piston.
- 4**: Piston pin.
- 5**: Piston pin clip.
- 6**: Piston pin clip.
- 7**: Piston pin clip.
- 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.
- 28**: Piston pin clip.



Exploded view diagram of a 2-stroke engine assembly, showing the following components and their assembly order:

- 1:** Screws for the cylinder head cover.
- 2:** Cylinder head cover.
- 3:** Piston pin.
- 4:** Piston pin clip.
- 5:** Piston pin clip.
- 6:** Piston pin clip.
- 7:** Piston pin clip.
- 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.
- 28:** Piston pin clip.



FIGURA N°2: EJE DE LEVAS - CUERPO INYECTOR

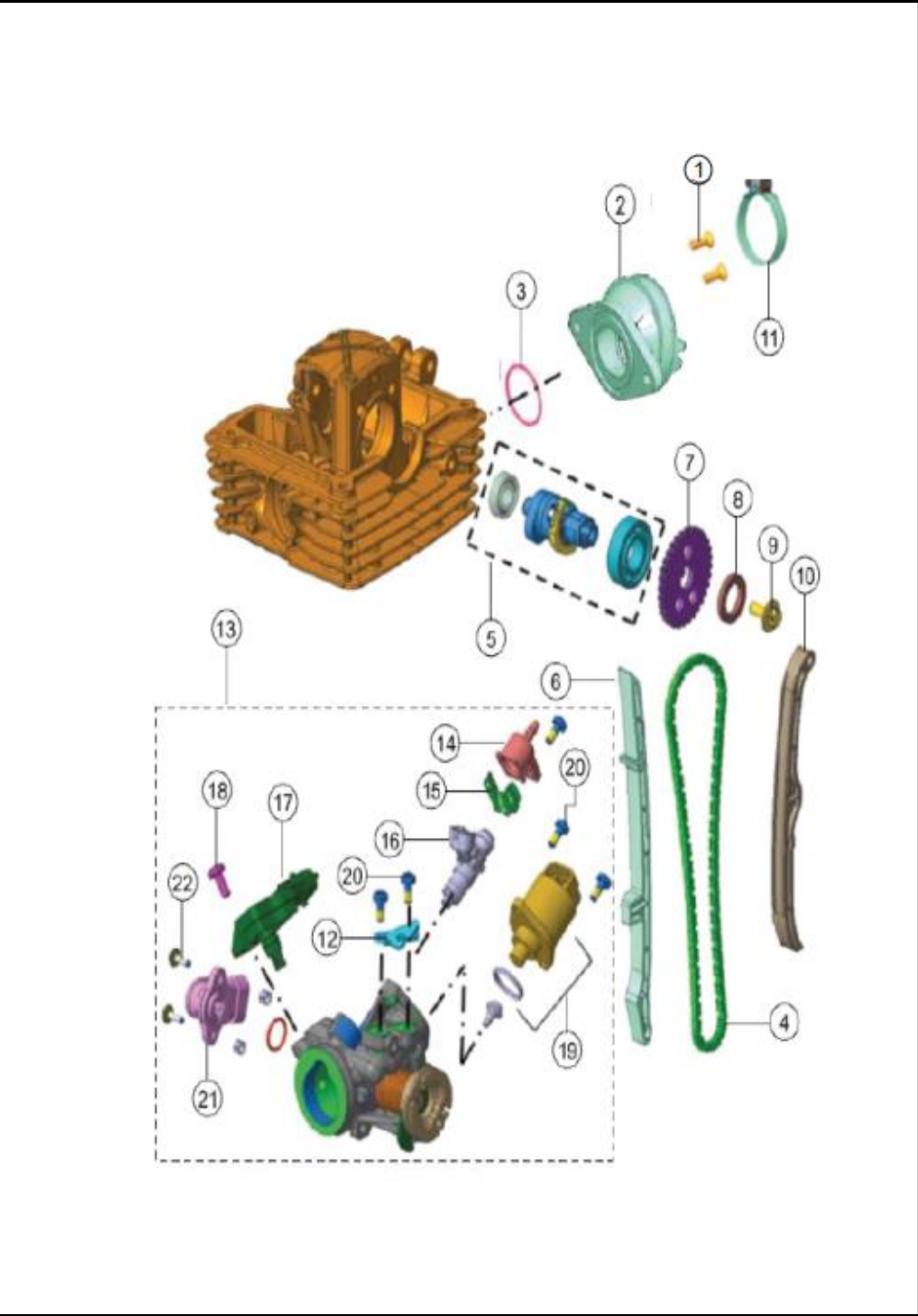


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	0332228	TORNILLO M6X16	2	10079603
2	NF040550	MULTIPLE ADMISIÓN	1	10086172
3	N9041990	O RING MÚLTIPLE ADMISIÓN	1	10079906
4	N9011570	CADENILLA DISTRIBUCION	1	10078207
5	N9010410	EJE LEVAS COMPLETO	1	10078304
6	N9011590	GUÍA CADENILLA	1	10078483
7	N9011560	PIÑÓN 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

FIGURA N°3: CILINDRO / PISTÓN / CIGÜEÑAL (1/2)

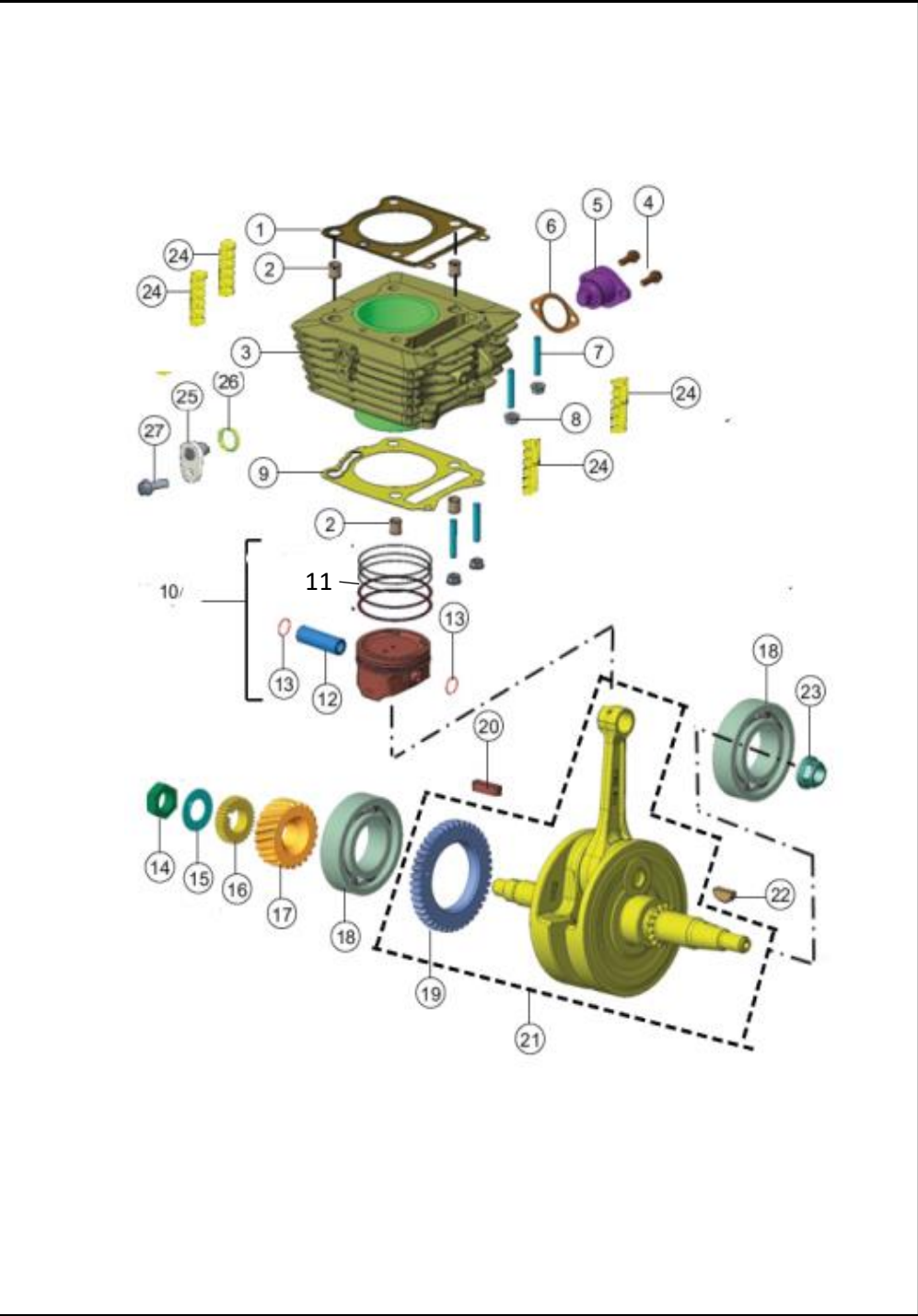


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9010630	EMPAQUE CULATA	1	10078345
2	S1200270	PIN GUÍA MOTOR	4	10080116
3	N9011390BD	CILINDRO SOLO	1	10086175
4	M1200520	TORNILLO M6X16	2	10082181
5	N9011310	TENSOR CADENILLA	1	10078428
6	N3011600	EMPAQUE TENSOR CADENILLA	1	10078463
7	M1200780	TORNILLO CULATA	4	10081086
8	M1200900	TUERCA CON PESTAÑA M6	4	10078930
9	N9010720	EMPAQUETADURA DE CILINDRO	1	10078211
10	NF020020	KIT PISTÓN STD	1	10086174
11	N9325320	KIT DE ANILLOS-STD	1	10078406
12	NF020040	PIN DE PISTÓN	1	10089316
13	M1010440	SEGURO PARA PIN DE PISTÓN	2	10082708
14	M1200250	TUERCA CIGÜEÑAL M16	1	10080579
15	M1080630	ARANDELA DE CIGÜEÑAL (PIÑÓN PRIMARIO)	1	10082226
16	M1080010	PIÑÓN CIGÜEÑAL/BOMBA DE ACEITE	1	10078621
17	N9081580	PIÑÓN PRIMARIO	1	10080479
18	M7200530	RODAMIENTO CIGÜEÑAL 6207	2	10078388
19	N9081490	PIÑÓN BALANCEADOR	1	10078712
20	N3080170	CUÑA CIGÜEÑAL (EMBRAGUE)	1	10080357
21	N9020390	CIGÜEÑAL COMPLETO	1	10079504

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 fasteners/bushings
- 3: Main housing/casing
- 4, 5: Small screws/bushings
- 6: O-ring
- 7, 8: Bolts/screws
- 9: Bottom flange/gasket
- 10: Spring
- 11: Piston/cylinder assembly
- 12: Piston pin
- 13: Piston rings
- 14, 15, 16, 17: Gears/pulleys
- 18: Wheel/hub
- 19: Drive shaft
- 20: Coupling/bushing
- 21: Main shaft
- 22: Pin/bushing
- 23: Nut/bushing
- 24: Bolts/screws
- 25, 26, 27: Various small components like washers and pins

TVS 

This exploded view diagram illustrates the assembly of a mechanical unit, likely a pump or motor. The central component is a large, light blue housing (1). At the top, a purple motor (6) is shown with its electrical wiring (25, 26). To the left, a blue circular cover (1) is shown with its fasteners (2, 3, 4, 5). Below the housing, a series of gears and shafts are shown, including a large purple gear (15) and a smaller green gear (16). Other components include a green shaft (20), a green pulley (27), and various bearings (11, 12, 13, 14). The diagram uses numbered callouts (1-28) to identify each part, and dashed lines indicate the assembly sequence and alignment.



[illegible]

This diagram illustrates the assembly of a mechanical component, likely a pump or motor housing, using various fasteners and sub-assemblies. The main housing is shown in a brownish-orange color. The assembly includes:

- Fasteners:** Numerous screws (e.g., 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, 31, 32, 33, 34, 36) and bolts (e.g., 3, 31) are used to secure the assembly.
- Sub-assemblies:** A green gear assembly (24, 25, 26) and a green chain (30) are shown as separate components.
- Other Components:** A green cap (11), a yellow ring (12), a green ring (13), a green ring (14), a green ring (15), a green ring (16), a green ring (17), a green ring (18), a green ring (19), a green ring (20), a green ring (21), a green ring (22), a green ring (23), a green ring (24), a green ring (25), a green ring (26), a green ring (31), a green ring (32), a green ring (33), a green ring (34), 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 fasteners and structural elements:

- Fasteners and Pins:** Numerous screws (5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26), pins (3, 31, 32, 33, 34), and a cotter pin (36) are used to secure the assembly.
- Structural Components:** A large green gear (25) is mounted on the right side. A long, flexible green hose (30) is connected to the bottom. A yellow cylindrical component (1) is mounted on the top left. A green cylindrical component (2) is mounted on the top right. A green cylindrical component (3) is mounted on the bottom left.
- Internal Components:** A yellow cylindrical component (11) is mounted inside the housing. A green cylindrical component (12) is mounted inside the housing. A green cylindrical component (13) is mounted inside the housing. A green cylindrical component (14) is mounted inside the housing. A green cylindrical component (15) is mounted inside the housing. A green cylindrical component (16) is mounted inside the housing. A green cylindrical component (17) is mounted inside the housing. A green cylindrical component (18) is mounted inside the housing. A green cylindrical component (19) is mounted inside the housing. A green cylindrical component (20) is mounted inside the housing. A green cylindrical component (21) is mounted inside the housing. A green cylindrical component (22) is mounted inside the housing. A green cylindrical component (23) is mounted inside the housing. A green cylindrical component (24) is mounted inside the housing. A green cylindrical component (25) is mounted inside the housing. A green cylindrical component (26) is mounted inside the housing.

TVS 

FIGURA N°6: CUBIERTA CLUTCH

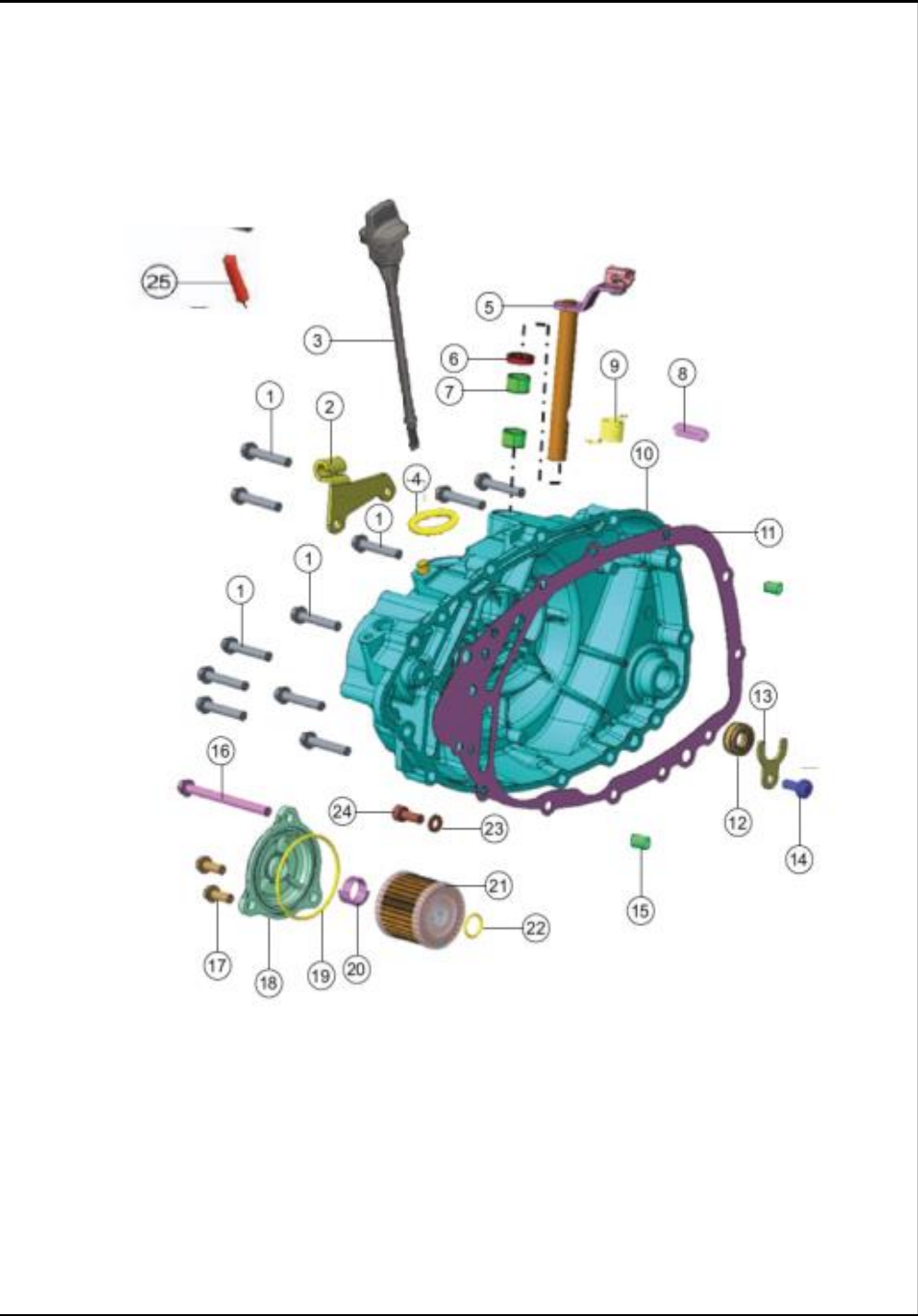


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N5200170	TORNILLO M6X35	11	10079713
2	M7070330	GUÍA PARA CABLE CLUTCH	1	10080254
3	N9081280	TAPÓN ACEITE	1	10082206
4	M1080400	ORING 16.8X3.1	1	10082180
5	M7070350	LEVA INTERNA CLUTCH	1	10080082
6	M7200490	RETEN LEVA 12X18X4	1	10080576
7	M7200510	CANASTILLA 12X15X10	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 ACEITE	1	10080390
18A	M7080960BD	TAPA FILTRO ACEITE	1	10086454
19	M1080600	ORING FILTRO ACEITE	1	10078365
20	M1080620	RESORTE FILTRO ACEITE	1	10079658
21	M1080540	FILTRO 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)

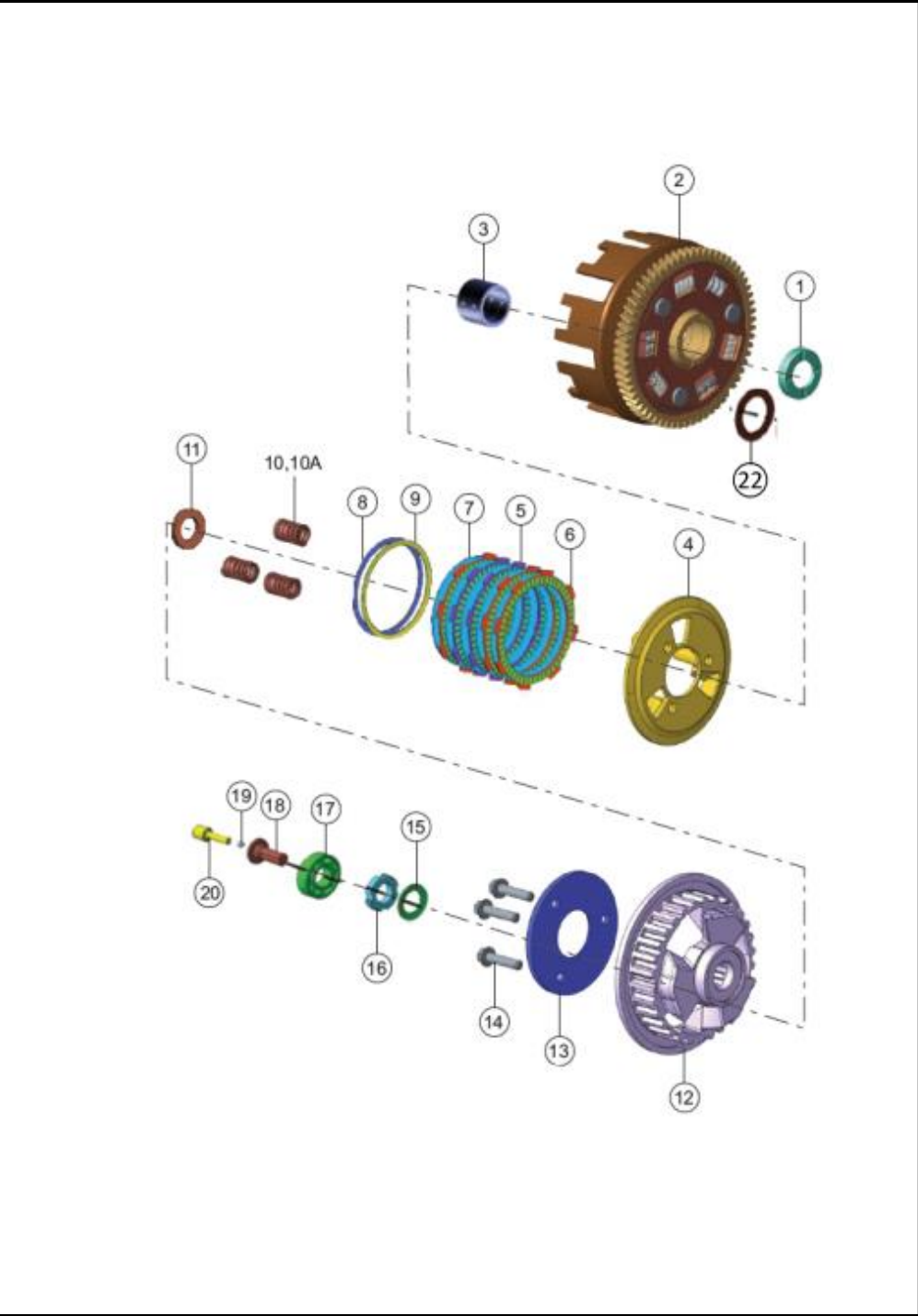


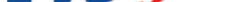
FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF080030	RETEN CORONA CLUTCH	1	10081024
2	NF070030	CORONA CLUTCH	1	10078631
3	NF080040	BUJE	1	10081025
4	NF070060	PORTA RESORTES	1	10081022
5	N9070310	DISCOS CLUTCH (EMPAQUE X 1 UND.)	2	10084948
6	N9070190	DISCOS CLUTCH (HOMOLOGA CON NF070130)	3	10085631
7	NF070050	SEPARAD. DISCOS CLUTCH EMPAQUE X 1UND.)	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 COMPL.(Fig.4,5,6,7,8,9,10,12,13,14	1	10078534
22	M7200460	ARANDELA	1	10079535

This exploded view diagram illustrates the assembly of a 12V 100W DC motor. The components are numbered 1 through 29. The main assembly includes a yellow motor housing (17), a green stator (25), and a purple rotor (27). The rotor is mounted on a central shaft (14) with a brown gear (5) and a red gear (4). The motor is secured with various screws (18, 19, 20, 21, 22) and a green gasket (16). The electrical system consists of a pink terminal block (2), a red battery (1), and a green terminal block (29). The motor is also equipped with a yellow fan (26) and a green fan (23). The diagram shows the motor's internal components, including the stator, rotor, and shaft, as well as the external mounting and electrical connections.



This exploded view diagram illustrates the assembly of a 12V 100W DC motor. The components are numbered 1 through 29. The main assembly sequence is as follows:

- Motor Housing (17)** is the central component.
- Stator (25)** is mounted to the housing (17) using screws (18) and a screwdriver (23).
- Armature (27)** is mounted to the stator (25) using a screw (19) and a screwdriver (23).
- Commutator (26)** is mounted to the armature (27) using a screw (20) and a screwdriver (23).
- Brush Holder (2)** is mounted to the housing (17) using screws (7) and a screwdriver (23).
- Brushes (21, 22)** are inserted into the brush holder (2) and secured with screws (22).
- End Cap (4)** is mounted to the housing (17) using screws (3) and a screwdriver (23).
- End Cap (5)** is mounted to the housing (17) using screws (6) and a screwdriver (23).
- End Cap (10)** is mounted to the housing (17) using screws (11) and a screwdriver (23).
- End Cap (12)** is mounted to the housing (17) using screws (13) and a screwdriver (23).
- End Cap (14)** is mounted to the housing (17) using screws (15) and a screwdriver (23).
- End Cap (16)** is mounted to the housing (17) using screws (17) and a screwdriver (23).
- End Cap (28)** is mounted to the housing (17) using screws (29) and a screwdriver (23).



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 is indicated by dashed lines and arrows. Key sub-assemblies are shown in dashed boxes: one containing parts 9, 32, and 10; another containing parts 18, 19, 20, and 21; and a third containing parts 22, 23, 24, 25, 26, 27, 28, 29, and 29A. The main assembly sequence starts with the base (1) and (2), followed by the addition of (3), (4), (5), (6), (7), (8), (11), (12), and (13). The central shaft (17, 17A) is then inserted, followed by the addition of (14), (15), (16), (18), (19), (20), and (21). The final assembly step involves the addition of the complex sub-assembly (22) through (29A) to the main shaft.



This diagram illustrates the exploded view of a mechanical assembly, with components numbered 1 through 32. The parts include various structural components, fasteners, and a sub-assembly shown in a dashed box. Key features include:

- Parts 1-10:** Small fasteners (1, 2, 3, 4, 5, 6, 7, 8), a bracket (9), a long shaft (11), a pin (12), a bracket (13), a large purple cylindrical component (10), and a green bracket (14).
- Parts 11-16:** A large orange bracket (11), a purple shaft (15), a green bracket (16), a green bracket (14), and a blue bracket (12).
- Parts 17-21:** A long pink shaft (17, 17A), a blue bracket (18), a brown bracket (19), a blue bracket (20), and a white bracket (21).
- Parts 22-30:** A red shaft (22), a green bracket (23), a yellow bracket (24), a green bracket (25), a grey bracket (26), a blue bracket (27), a yellow bracket (28), a grey bracket (29, 29A), and a grey bracket (30).
- Parts 31-32:** A blue bracket (31) and a blue bracket (32).



FIGURA N°10: TRANSMISIÓN (1/2)

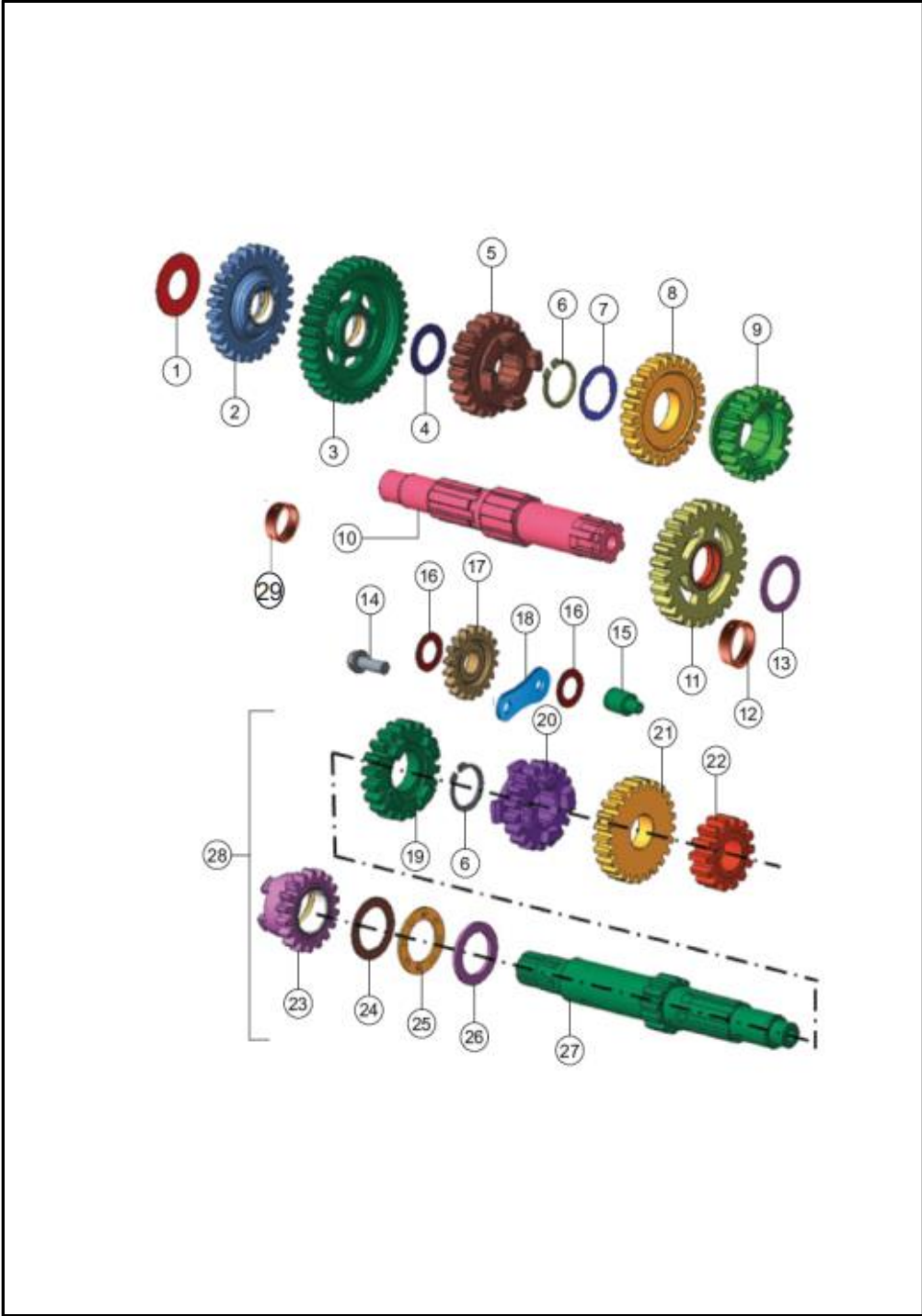


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	M7200330	ARANDELA CAJA	1	10082533
2	M7080400	PIÑÓN ARRANQUE EJE SEC.(26T)	1	10080401
3	R1080800	PIÑÓN PRIMERA EJE SEC.(35T)	1	10080072
4	M7200420	ARANDELA	1	10079674
5	R1081130	PIÑÓN CUARTA EJE SECUNDARIO(21T)	1	10078408
6	0330174	PIN SEGURIDAD	2	10079598
7	M7080860	ARANDELA ESPECIAL 15X30X1	1	10079668
8	M7080280	PIÑÓN 3RA EJE SECUNDARIO(24T)	1	10080068
9	M7080320	PIÑÓN 5TA EJE SECUNDARIO(22T)	1	10080483
10	M7081300	EJE SECUNDARIO	1	10078301
11	M7080890	PIÑÓN 2DA EJE SECUNDARIO	1	10080192
12	N5080060	BUJE PIÑÓN 2DA EJE SEC.	1	10080943
13	M7200040	ARANDELA EMPUJE	1	10079673
14	M1200520	TORNILLO M6X16	1	10082181
15	N9081670	EJE TOPE	1	10079579
16	P080610	ARANDELA 11.2X18.5X0.5	2	10081557
17	N9081660	PIÑÓN VELOCÍMETRO	1	10080185
18	N9081720	PLATINA	1	10078763
19	R1081120	PIÑÓN 4TA EJE PRIMARIO(20T)	1	10080503
20	M7080339	PIÑÓN 3RA EJE PRIMARIO	1	10078523
		#¡REF!		
		#¡REF!		
		#¡REF!		
		#¡REF!		
		#¡REF!		
		#¡REF!		
		#¡REF!		

23A

TVS 

This diagram shows the exploded view of a spray gun assembly. The main components are labeled with circled numbers:

- 1: Purple O-ring
- 2: Red O-ring
- 3: Yellow pin
- 4: Brown pin
- 5: Small grey pin
- 6: Small green pin
- 7: Small grey pin
- 8: Yellow nozzle
- 9: Red spray gun body
- 10: Small green pin
- 11: Yellow pin
- 12: Red spray gun handle
- 13: Red spray gun trigger gun
- 14: Green spray gun trigger gun
- 15: Red spray gun trigger gun
- 16: Yellow spray gun trigger gun

TVS 

This diagram illustrates the exploded view of a 2000 cc engine assembly. The components are numbered as follows:

- 1: Main engine block
- 2: Air filter element
- 3: Air filter housing
- 4: Air filter housing cover
- 5: Air filter housing gasket
- 6: Air filter housing screws
- 7: Air filter housing gasket
- 8: Air filter housing gasket
- 9: Air filter housing gasket
- 10: Air filter housing gasket
- 11: Air filter housing gasket
- 12: Air filter housing gasket
- 13: Air filter housing gasket
- 14: Air filter housing gasket
- 15, 15A: Air filter housing gasket
- 16: Air filter housing gasket
- 17: Air filter housing gasket
- 18: Air filter housing gasket
- 19: Air filter housing gasket
- 20: Air filter housing gasket
- 21: Air filter housing gasket



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:** A small grey bolt.
- 2:** A grey washer or spacer.
- 3:** A yellow U-shaped bracket or support.
- 4:** A green O-ring or seal.
- 5:** A blue rectangular mesh or filter element.
- 6:** A curved metal pipe or hose.
- 7:** A small silver pin or clip.
- 8:** A green O-ring or seal.
- 9:** A small grey bolt.
- 10:** A purple bolt or screw.
- 11:** A grey washer or spacer.

The assembly process involves attaching the mesh (5) to the bracket (3) using bolts (1) and washers (2). The bracket (3) is then secured to the pipe (6) using pins (7) and O-rings (4, 8). The final assembly is completed by attaching the pipe (6) to the base using bolts (10) and pins (7).



[illegible]

This exploded view diagram illustrates the assembly of a backpack sprayer. The main body is a blue backpack (1) with a pump handle (15) and a spray gun (17) attached to the top. The sprayer is designed to hold a 5-liter tank (5) and a pump mechanism (4) with a handle (6). The pump is connected to a hose (12) and a spray gun (17) via a hose reel (10) and a hose connector (11). The sprayer also features a trigger gun (18) and a spray gun (17) for application. The diagram includes 26 numbered components, showing the relationship between the main body and the various accessories and internal parts.



This diagram illustrates the assembly of a blue motorcycle engine cover. The main component is the engine cover (1), which features a green mounting bracket (18) and a brown rubber seal (2). Various hoses and tubes are shown, including a yellow hose (2), a red hose (5), and a brown hose (6). The diagram also shows the alternator (15) and its associated components, such as the alternator bracket (14), the alternator nut (10), and the alternator pulley (11). Other parts include the alternator cover (12), the alternator cover nut (13), the alternator cover washer (16), the alternator cover gasket (17), the alternator cover seal (19), the alternator cover O-ring (20), and the alternator cover O-ring (21). The diagram uses numbered callouts (1-21) to identify each part.



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

- 1**: Green chin bar
- 2**: Green cheek pad
- 3**: Black chin strap buckle
- 4**: Black chin strap connector
- 5**: Small black plastic pins/bushings
- 6**: Yellow rear spoiler
- 7**: Red lower shell
- 8**: Red upper shell
- 9**: Small green plastic pins/bushings
- 10**: Small grey plastic pins/bushings
- 11**: Red and blue adjustment dials
- 12**: Small grey plastic pin/bushing



FIGURA N°17: CHASIS

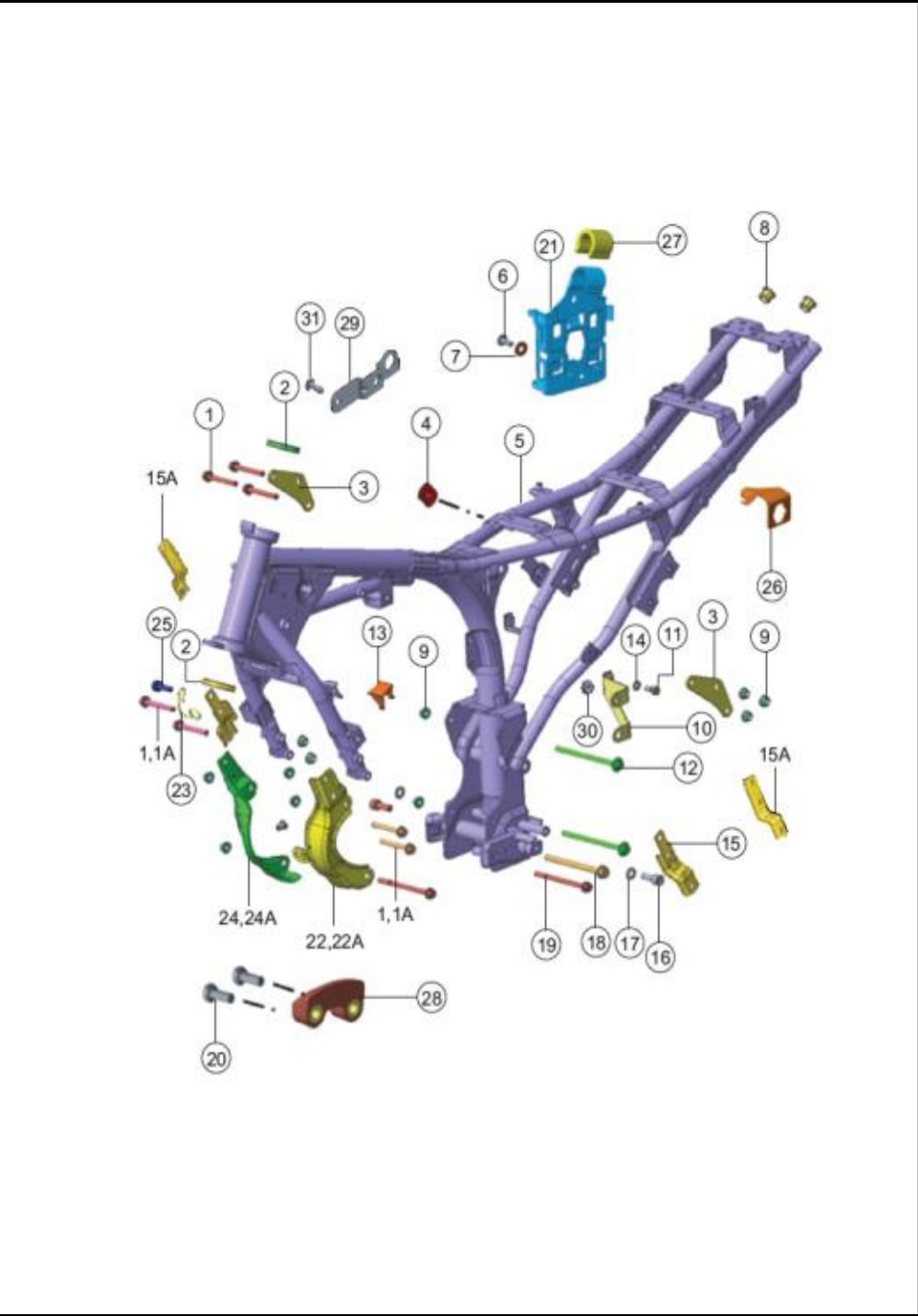


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N8200040	TORNILLO PASADOR MOTOR M8X65	4	10081227
2	N9101470	CUNA DIRECCIÓN CHASIS INF.	2	10080977
3	N9127660	SOPORTE MOTOR	2	10080985
4	K122810	ANTIVIBRANTE LATERAL TANQUE	1	10079630
6	420476700	TORNILLO M6X30	1	10082510
7	0335608	ARANDELA 6.5X16	1	10079610
8	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
27	N9127740	CUBIERA SELLO	1	10085724
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:** Part 1 (green L-shaped bracket) and Part 2 (brown plate with two holes).
- Top Center:** Part 3 (red pin) and Part 4 (pink wire).
- Center:** Part 14 (brown plate with four holes) and Part 18 (green plate with four holes) are shown in a dashed box. Part 19 (yellow bracket) is also in this area. Part 15 (yellow pin) and Part 16 (red pin) are shown separately. Part 17 (yellow pin) and Part 13 (pink wire) are also shown.
- Right Side:** Part 5 (yellow bracket), Part 6 (grey pin), Part 7 (grey pin), Part 8 (grey pin), Part 9 (blue pin), Part 10 (red pin), Part 11 (black pin), and Part 12 (red pin) are shown.
- Bottom Left:** Part 20 (green L-shaped bracket) and Part 21 (grey pin) are shown in a dashed box. Part 23 (yellow bracket) and Part 24 (red pin) are also shown.
- Bottom Center:** Part 25 (green plate with four holes) and Part 26 (red pin) are shown in a dashed box. Part 27 (red pin) is also shown.
- Bottom Right:** Part 22 (purple bracket) is shown.



This exploded view diagram illustrates the assembly of a mechanical component, likely a robotic gripper. The parts are numbered 1 through 27. The assembly includes a green L-shaped bracket (1), a brown plate with two holes (2), a red pin (3), a pink pin (4), a yellow bracket (5), a grey pin (6), a grey pin (7), a grey pin (8), a blue pin (9), a blue pin (9), a black pin (11), a red pin (12), a green pin (13), a yellow pin (14), a green pin (15), a green pin (16), a green pin (17), a green pin (18), a green pin (19), a green pin (20), a green pin (21), a green pin (22), a green pin (23), a green pin (24), a green pin (25), a green pin (26), and a green pin (27). The diagram shows the spatial relationship between these parts, with dashed lines indicating the assembly path. Two dashed boxes highlight specific sub-assemblies: one containing parts 14, 15, 16, 17, 18, and 19; the other containing parts 20, 21, 22, 23, 24, 25, 26, and 27.



This diagram shows an exploded view of a mechanical assembly with 23 numbered parts. The assembly is divided into two main sections: a blue upper section and a yellow lower section.

- Blue Section (Top):**
 - Part 1: A small grey pin.
 - Part 2: A small grey pin.
 - Part 3: A large blue L-shaped bracket.
 - Part 4: A yellow pin.
 - Part 5: A purple pin.
 - Part 6: A small brown rectangular piece.
 - Part 7: A small grey pin.
 - Part 8: A small brown rectangular piece.
 - Part 9: A green rectangular piece.
 - Part 10: A small grey pin.
 - Part 11: A small grey pin.
 - Part 12: A small grey pin.
 - Part 13: A small green pin.
 - Part 14: A small brown rectangular piece.
 - Part 15: A small grey pin.
 - Part 16: A small grey pin.
 - Part 17: A small grey pin.
 - Part 18: A small grey pin.
 - Part 19: A small grey pin.
 - Part 20: A purple pin.
 - Part 21: A small grey pin.
 - Part 22: A small brown rectangular piece.
 - Part 23: A small green pin.
- Yellow Section (Bottom):**
 - Part 1: A small grey pin.
 - Part 2: A small grey pin.
 - Part 3: A large yellow L-shaped bracket.
 - Part 4: A yellow pin.
 - Part 5: A purple pin.
 - Part 6: A small brown rectangular piece.
 - Part 7: A small grey pin.
 - Part 8: A small brown rectangular piece.
 - Part 9: A green rectangular piece.
 - Part 10: A small grey pin.
 - Part 11: A small grey pin.
 - Part 12: A small grey pin.
 - Part 13: A small green pin.
 - Part 14: A small brown rectangular piece.
 - Part 15: A small grey pin.
 - Part 16: A small grey pin.
 - Part 17: A small grey pin.
 - Part 18: A small grey pin.
 - Part 19: A small grey pin.
 - Part 20: A purple pin.
 - Part 21: A small grey pin.
 - Part 22: A small brown rectangular piece.
 - Part 23: A small green pin.



This diagram shows an exploded view of a mechanical assembly. The main component is a yellow A-frame structure (3). To its left, a green pin (1) is shown with a grey sleeve (2) and a green nut (11). A red pin (4) is positioned near the A-frame. To the right, a yellow spring (12) and a red spring (13) are shown. Below these, a red bracket (5) is shown with several small components: a red pin (6), a blue pin (7), a blue pin (8), a blue pin (10), and a blue pin (11). A pink rod (9) is shown with a blue pin (8) and a blue pin (10). At the bottom, a blue wire (14) is shown with a green nut (11) and a green pin (1).





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 (34), a pump head (13), and various internal components like valves (12, 18), seals (7, 35), and fasteners (3, 4, 6, 8, 9, 10, 11, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 36, 37, 38). Dashed lines indicate the assembly sequence and the relative positions of the parts.



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 (34), a pump head (13), and various internal components like valves (10, 11), seals (7, 8), and connecting rods (12, 13). 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 valve assembly (5, 8, 9, 10, 11) and the pump head assembly (13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 35, 36, 37, 38).

TVS 



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: Hex key
- 2: Small pin or screw
- 3: Small pin or screw
- 4: Small pin or screw
- 5: Hex key
- 6: Small pin or screw
- 8: Green circular component
- 9: Small pin or screw
- 10: Blue gear or pulley
- 11: Small pin or screw
- 12: Small pin or screw
- 13: Small pin or screw
- 14: Brass-colored hub or flange
- 15: Small pin or screw
- 16: Small pin or screw
- 17: Purple circular component
- 18: Small pin or screw
- 19: Small pin or screw
- 20: Small pin or screw
- 21: Small pin or screw
- 22: Small pin or screw
- 23: Yellow wheel rim
- 24, 24A: Black tire
- 25: Small pin or screw
- 26: Small pin or screw
- 27: Small pin or screw
- 28: Small pin or screw
- 29: Small pin or screw
- 30: Small pin or screw

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

- 24: A tire with a deep, curved tread pattern.
- 24A: A tire with a more aggressive, blocky 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 metal pin or axle.
- 2: A small black O-ring or seal.
- 3: A small black O-ring or seal.
- 4: A small black O-ring or seal.
- 5: A long metal pin or axle.
- 6: A small black O-ring or seal.
- 7: A small black O-ring or seal.
- 8: A green circular component, possibly a hub or flange.
- 9: A small black O-ring or seal.
- 10: A blue gear or sprocket.
- 11: A small black O-ring or seal.
- 12: A small black O-ring or seal.
- 13: A small black O-ring or seal.
- 14: A brass-colored nut or washer.
- 15: A small black O-ring or seal.
- 16: A small black O-ring or seal.
- 17: A purple component, possibly a hub or flange.
- 18: A small black O-ring or seal.
- 19: A small black O-ring or seal.
- 20: A small black O-ring or seal.
- 21: A small black O-ring or seal.
- 22: A small black O-ring or seal.
- 23: The yellow wheel rim.
- 24, 24A: The black tire.
- 25: A small black O-ring or seal.
- 26: A small black O-ring or seal.
- 27: A small black O-ring or seal.
- 28: A small black O-ring or seal.
- 29: A small black O-ring or seal.
- 30: A small black O-ring or seal.

Below the main diagram, two inset images 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 series of parallel grooves, similar to 24 but with a slightly different pattern.



Diagram illustrating the removal of the instrument cluster. The top section shows two views of the cluster: view 1 (left) and view 1A (right). View 1A shows a red circle around a screw on the right side. The bottom section shows an exploded view of the components, numbered 1 through 8. Component 1 is the main cluster housing. Component 2 is a small blue pin. Component 3 is a green plastic cover. Component 4 is a brown plastic bracket. Component 5 is a blue plastic pin. Component 6 is a small grey bush. Component 7 is a small grey bush. Component 8 is a purple plastic bracket.



PARA SISTEMA LUCES AHO



PARA SISTEMA DE LUCES DRL



This diagram shows an exploded view of a mechanical assembly. The main component is a large, reddish-brown frame (1). At the top, there is a vertical support structure (14). To the left, a yellow and blue component (6) is shown with a purple cap (4) and a small grey pin (12). Below this, two blue pins (2) are shown. To the right, a blue component (3) is shown with a yellow pin (5) and a grey pin (13). Below the main frame, there are several small purple and yellow pins (9, 10, 11). At the bottom, a yellow and blue component (8) is shown with a grey pin (7).





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FIGURA N°29: GUARDABARRO DELANTERO

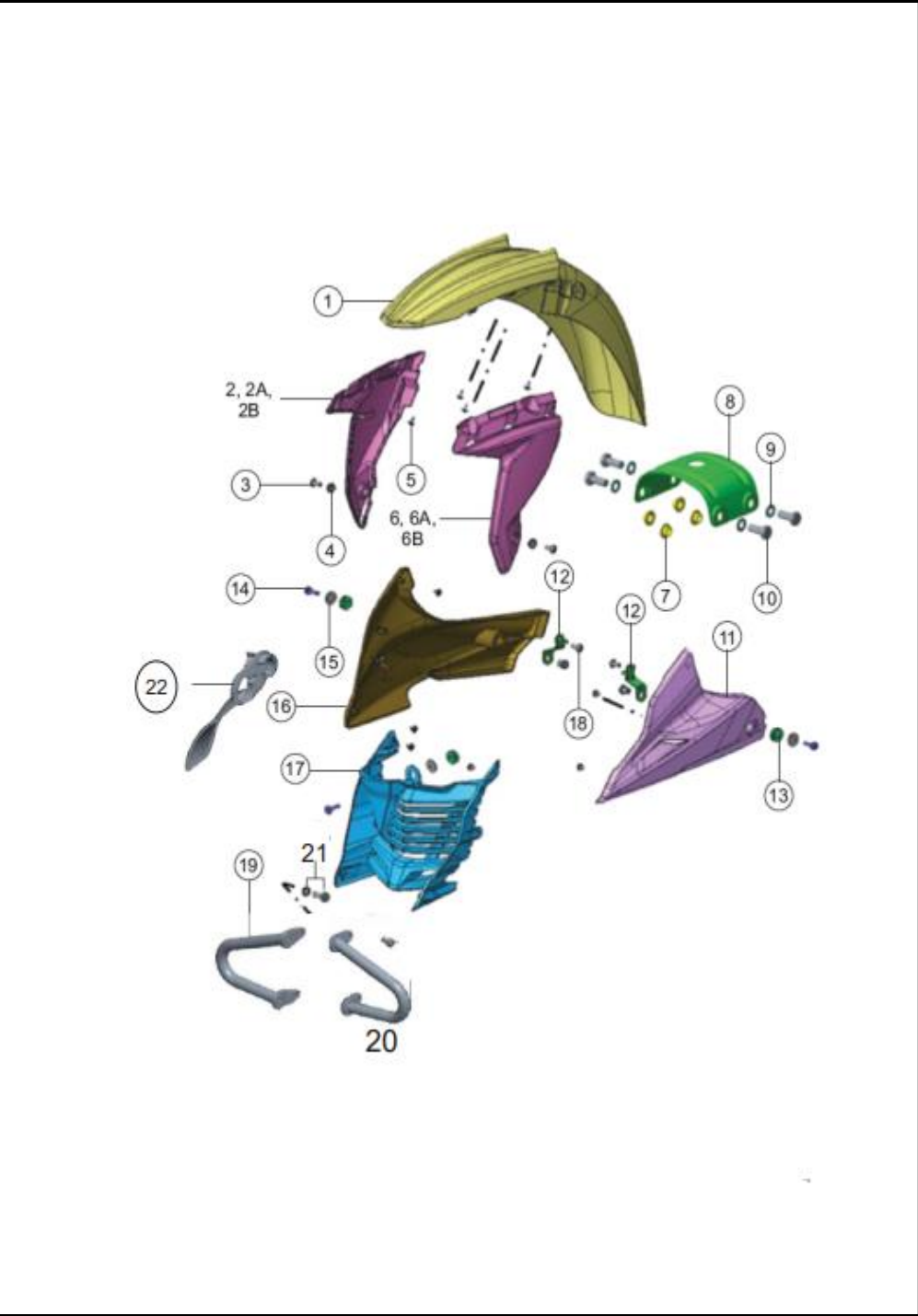


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9226069	GUARDABARRO DELANTERO(SIN PINTAR)	1	10078262
2	N9226089	COMPLEMENTO GUARD. DEL. DER.(SIN PINTAR)	1	10078505
2A	N92260805D	COMPLEM. GUARD. DEL. DER.(NEG MAT+CALC)	1	10081502
3	P3200010	TORNILLO M6X12	2	10079775
4	R1200260	ARANDELA	2	10079781
5	N3200340	TORNILLO	10	10081096
6	N9226079	COMPLEMENTO GUARD. DEL. IZQ.(SIN PINTAR)	1	10078504
6A	N92260705D	COMPLEM. GUARD. DEL. IZQ.(NEG MAT+CALC)	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 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

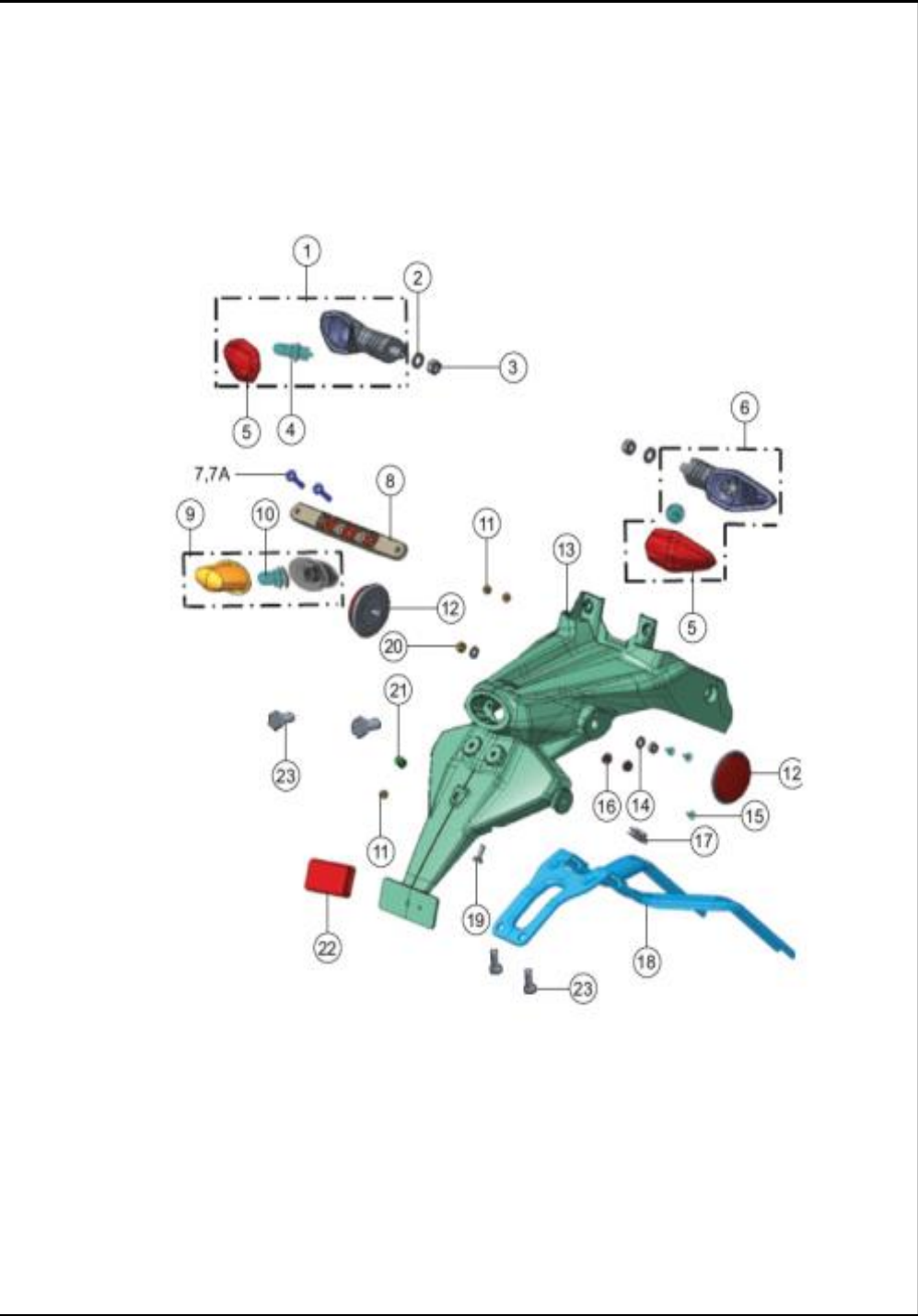


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9225760	DIRECCIONAL TRASERA IZQ.	1	10078208
2	0330328	ARANDELA M10	2	10080853
3	0334038	TUERCA M10	2	10081175
4	N9162650	BOMBILLO DIRECCIONAL	2	10080195
5	N9325610	LENTE DIRECCIONAL	2	10080835
6	N9225770	DIRECCIONAL TRASERA DER.	1	10078281
7	K3200860	TORNILLO 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

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The parts are numbered 1 through 47. The assembly process is indicated by dashed lines showing the sequence of component fitting. Key components include a main vertical shaft (9), a spring (10), a piston rod (11), a piston (12), a connecting rod (13), a crankshaft (14), and various seals, bearings, and fasteners. The diagram is organized into several sections, with components grouped by function or assembly stage.



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

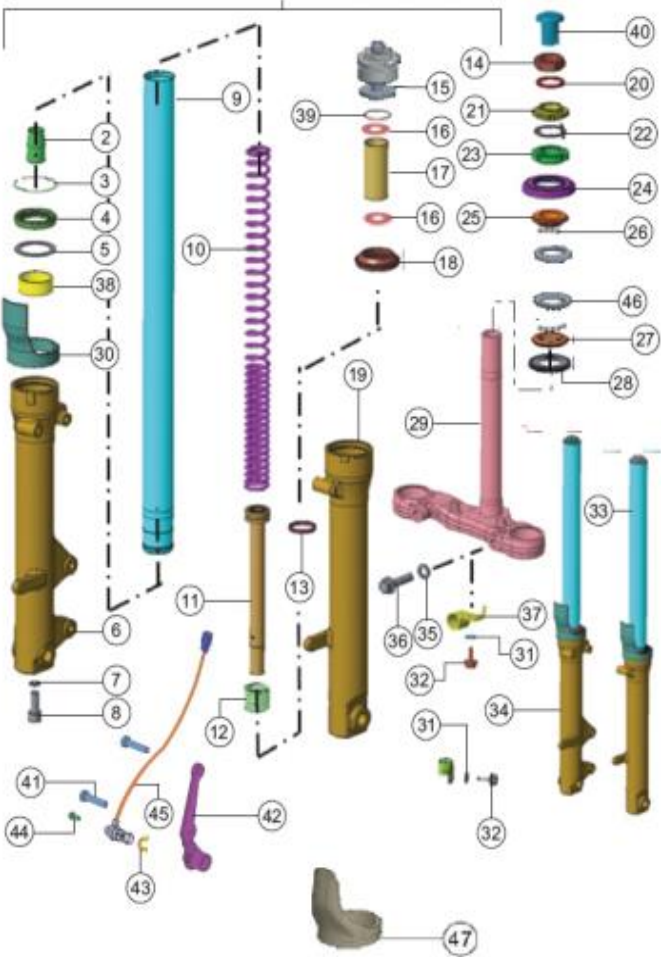


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
27	N9101300	CUNA INFERIOR	1	10080976
28	N9101580	GUARDAPOLVO INFERIOR	1	10080798
29	N9101200	ESPIGA CENTRAL	1	10080586
30	N9101700	PROTECTOR BARRA	2	10078731
31	P1200050	ARANDELA 6.5	2	10079942
32	M1200520	TORNILLO M6X16	2	10082181
33	NF100350	BARRA IZQUIERDA	1	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	2	10079786
42	N9113270	SOPORTE SENSOR ABS	1	10079921
43	N9113370	ARANDELA SENSOR VELOCIDAD	1	10080801
44	0331708	TORNILLO M5X12	1	10081043
45	N9113110	SENSOR VELOCIDAD ABS	1	10081237
46	NF100450	CANASTILLA	2	10083934
47	NF100290	PROTECTOR INFERIOR BARRA IZQ.	1	10086189



This diagram shows an exploded view of a LEGO Technic assembly. The parts are numbered 1 through 37. Two dashed boxes highlight specific sub-assemblies: box (16) contains parts 16, 17, 18, and 19; box (17) contains parts 20, 21, 22, 23, 24, 25, 26, 27, 28, and 29. The main assembly includes a central motor (1), a battery box (4, 4A), a control panel (18), a green connector (36), and various structural beams, pins, and connectors. The parts are arranged to show their relative positions and how they fit together.



This diagram shows an exploded view of a LEGO Technic assembly. The parts are numbered 1 through 37. Two dashed boxes highlight specific sub-assemblies: box (16) contains parts 16, 17, 18, and 19; box (17) contains parts 20, 21, 22, 23, 24, 25, 26, 27, 28, and 29. The main assembly includes a central motor (1), a battery box (4, 4A), a control panel (18), a green connector (36), and various structural beams, pins, and connectors. The parts are arranged in a way that shows their relative positions and how they fit together.



FIGURA N°34: BRAZO OSCILANTE / AMORTIGUADOR

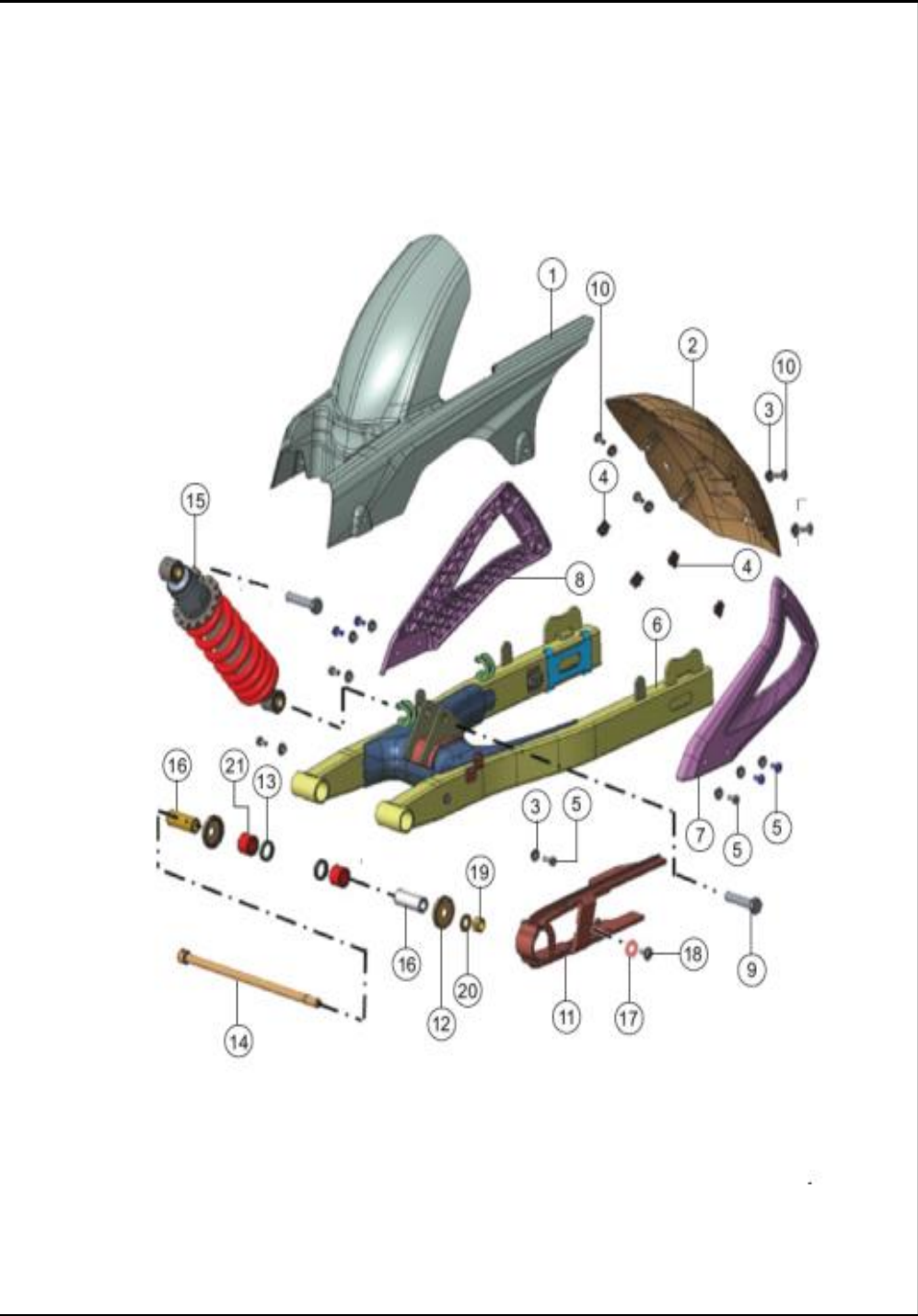


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9092620	CUBIERTA CADENA	1	10079074
2	N9092710	GUARDABARRO TRASERO INTERNO	1	10080114
3	N9051860	BUJE PARA TORNILLO M6	12	10078558
4	K3200840	TUERCA PASTILLA M6	4	10080108
5	M1200520	TORNILLO M6X16	8	10082181
6	N9092390	BRAZO OSCILANTE	1	10079072
7	N9092690	SOPORTE 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	Z	1	10079794
20	0335538	ARANDELA 12.5X22X2.3	1	10079608
21	N9200530	RODAMIENTO	2	10083937

FIGURAN° 35: CALIPER DELANTERO (1/2)

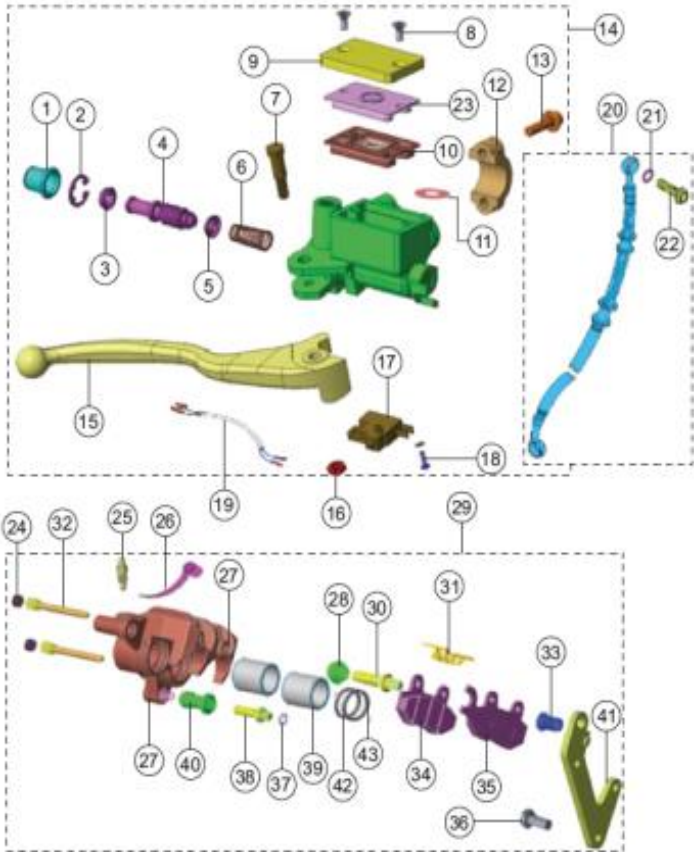


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9322840	PISTÓN BOMBA FRENO	1	10078571
2	N9322840	PIN SEGURIDAD	1	10078571
3	N9322840	GUARDAPOLVO	1	10078571
4	N9322840	PIN AISLANTE	1	10078571
5	N9322840	GUARDAPOLVO	1	10078571
6	N9322840	RESORTE	1	10078571
7	N9322020	TORNILLO LEVA FRENO	1	10078168
8	N9321530	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	N9325270	MANGUERA FRENO DELANTERO	1	10082850
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, with parts numbered 1 through 41. The assembly is divided into two main sections by dashed lines.

Top Section:

- 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, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825,



This exploded view diagram illustrates the components of a bicycle pump assembly, numbered 1 through 30. The parts are organized as follows:

- Assembly 1 (Top):** Includes a long orange flexible hose (1), a purple handle (2), and a purple cap (30).
- Assembly 2 (Middle Left):** Includes a green pump body (8), a brown cap (5), a grey cap (6), a blue cap (7), a pink handle (9), and a grey cap (12).
- Assembly 3 (Middle Right):** Includes a yellow pump body (14), a blue handle (15), a purple cap (16), a grey cap (17), a blue cap (18), a green cap (19), and a blue cap (20).
- Assembly 4 (Bottom):** Includes a purple cap (21), a blue cap (22), a green cap (23), a blue cap (24), a green cap (25), a yellow cap (26), and a green cap (27).



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 includes a main orange curved pipe (1), a green cylindrical component (8), a yellow valve body (14), a blue shaft (21), and a purple actuator (23). Other parts include various seals, O-rings, and fasteners. Dashed lines indicate the assembly sequence and alignment of the components.



FIGURA N°37: CALIPER TRASERO

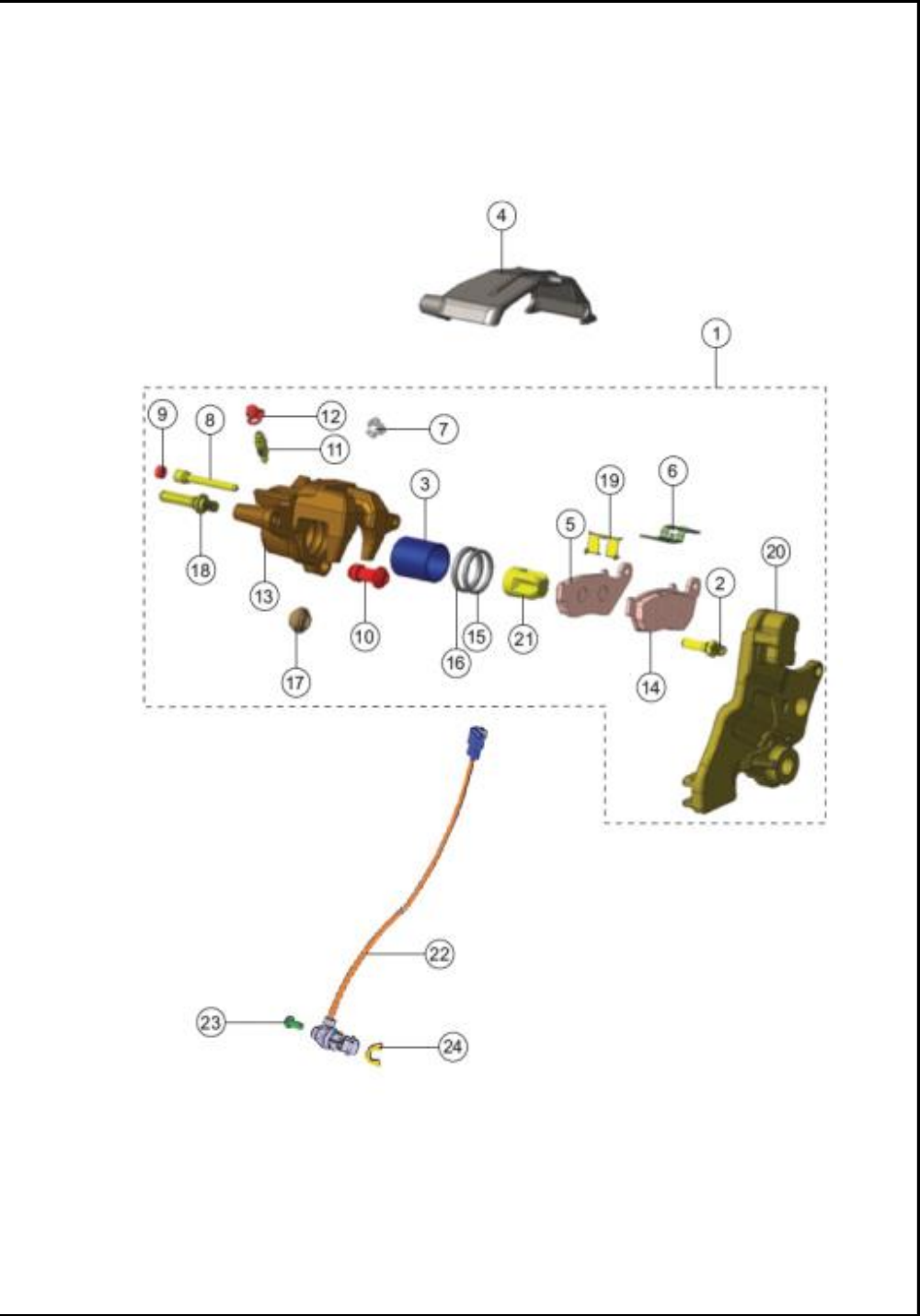


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9114110	CALIPER TRASERO	1	10078677
2	N9324600	TORNILLO PIN	1	10081564
3	N9322190	PISTÓN CALIPER	1	10078567
4	N9113410	CUBIERTA DISCO TRASERO	1	10078438
5	N9113780	PASTA FRENO INTERNO	1	10081605
6	N9322190	PLATINA	1	10078567
7	N9322190	TAPÓN	1	10078567
8	N9322190	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

This diagram shows an exploded view of a cable assembly. The components are numbered as follows:

- 1: A small black connector or plug.
- 2: A long, grey, flexible cable.
- 3: A green, flexible cable.
- 4: A grey metal bracket or mounting plate.
- 5: A small grey component, possibly a connector or plug.
- 6: A small grey component, possibly a connector or plug.
- 7: A small grey component, possibly a connector or plug.
- 8: A small grey component, possibly a connector or plug.
- 9: A small grey component, possibly a connector or plug.
- 10: A blue plastic component, possibly a connector or plug.
- 11: A blue plastic component, possibly a connector or plug.
- 12: A black plastic component, possibly a connector or plug.
- 13: A blue plastic component, possibly a connector or plug.
- 14: A small grey component, possibly a connector or plug.
- 15: A small grey component, possibly a connector or plug.



1



2/3



4



[illegible]

TVS 

FIGURA N°41: CALCOMANIAS (1/3)

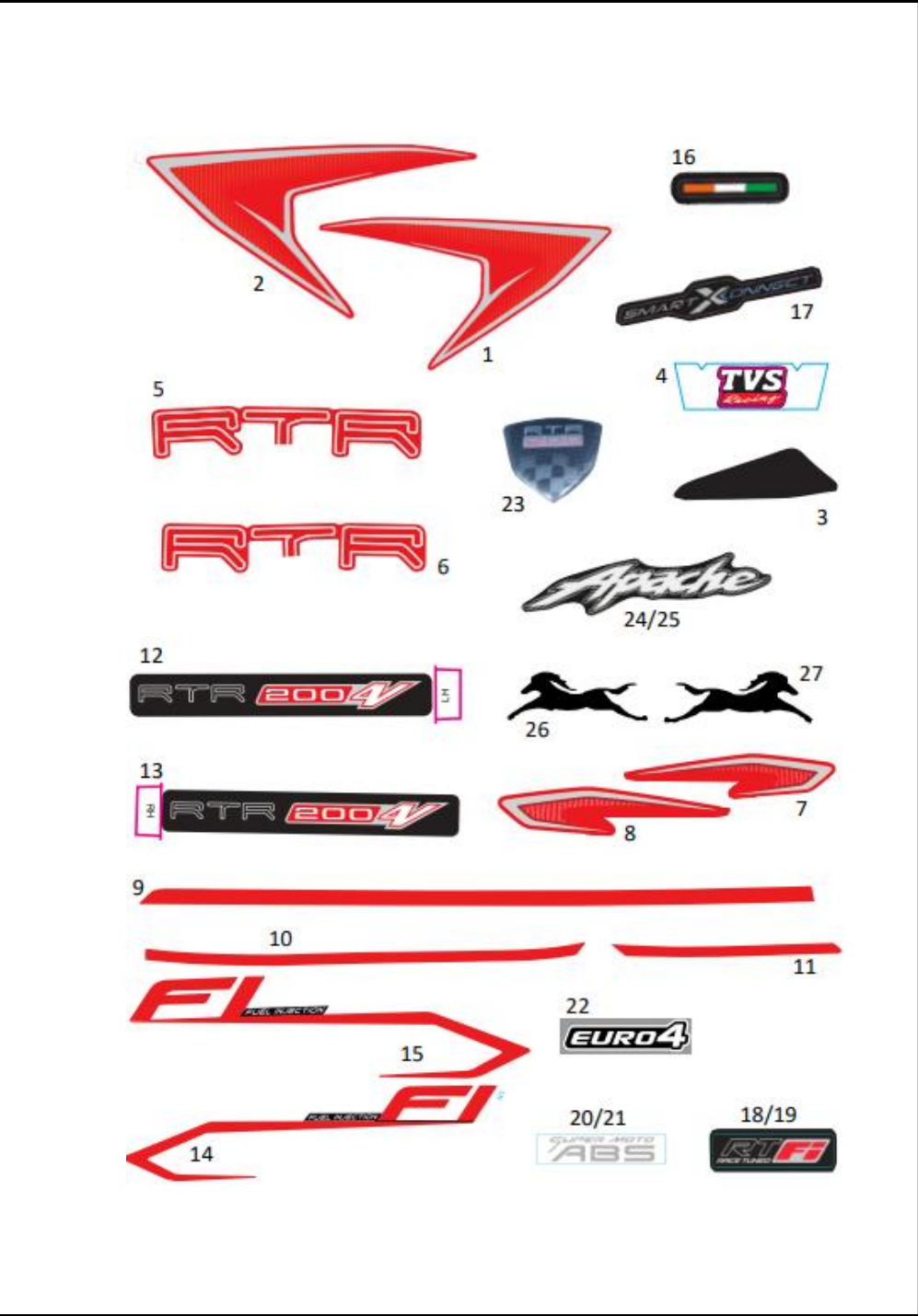


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	20014738	CALC. ENFOCADOR TANQUE DER. ROJA	1	20014738
1A	20014774	CALC. ENFOCADOR TANQUE DER. AZUL	1	20014774
1B	20014762	CALC. ENFOCADOR TANQUE DER. TOP FROST	1	20014762
1C	20014750	CALC. ENFOCADOR TANQUE DER. NEG-ROJ	1	20014750
2	20014739	CALC. ENFOCADOR TANQUE 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)

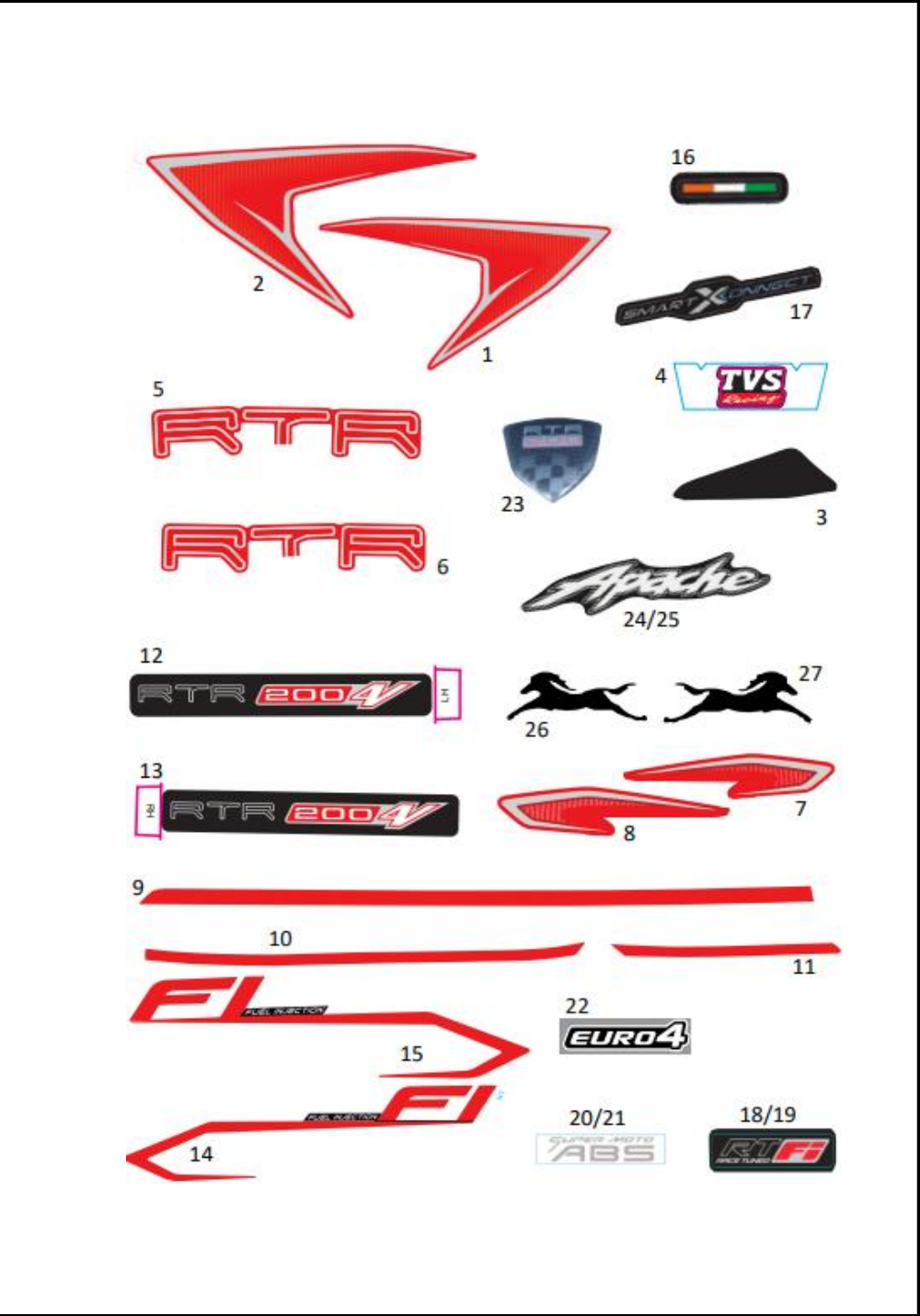


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
8	20014744	CALC. CARENAJE IZQ. ROJA	1	20014744
8A	20014780	CALC. CARENAJE IZQ. AZUL	1	20014780
8B	20014768	CALC. CARENAJE IZQ. TOP FROST	1	20014768
8C	20014756	CALC. CARENAJE IZQ. NEG-ROJ	1	20014756
9	20014745	CALC. TANQUE CENTRAL IZQ. ROJA	1	20014745
9A	20014781	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

This image displays a variety of motorcycle graphics and stickers, numbered 1 through 27. The items include:

- 1:** A large, stylized red arrow pointing right.
- 2:** A large, stylized red arrow pointing left.
- 3:** A small black triangular sticker.
- 4:** A rectangular sticker with a blue border and the text "TVS" in red.
- 5:** A red "RTR" logo.
- 6:** A red "RTR" logo.
- 7:** A red arrow pointing right.
- 8:** A red arrow pointing left.
- 9:** A long, thin red horizontal bar.
- 10:** A red horizontal bar with a slight curve.
- 11:** A red horizontal bar with a slight curve.
- 12:** A black rectangular sticker with "RTR 2004V" in red and white.
- 13:** A black rectangular sticker with "RTR 2004V" in red and white.
- 14:** A red arrow pointing left.
- 15:** A red arrow pointing right.
- 16:** A small black rectangular sticker with a red and green horizontal bar.
- 17:** A black rectangular sticker with "SMART X-DWASCT" in white.
- 18/19:** A black rectangular sticker with "RTR" in red.
- 20/21:** A black rectangular sticker with "SUPER MOTO ABS" in white.
- 22:** A black rectangular sticker with "EURO4" in white.
- 23:** A blue shield-shaped sticker with a checkered pattern.
- 24/25:** A black sticker with the word "Apache" in white script.
- 26:** A black silhouette of a running horse.
- 27:** A black silhouette of a running horse.



TVS 

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	NF321160	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

LISTA DE KITS

[illegible]

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

