



CATÁLOGO DE PARTES

TVS
Apache
RTR 310



SISTEMA DE
ENCENDIDO
AUTOMÁTICO
DE LUCES (AHO)



SISTEMA DE LUCES
DE CIRCULACIÓN
DIURNA (DRL)



SISTEMA
ANTIBLOQUEO
DE FRENO

WWW.AUTECO.COM.CO/MOTOS



Con el respaldo



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

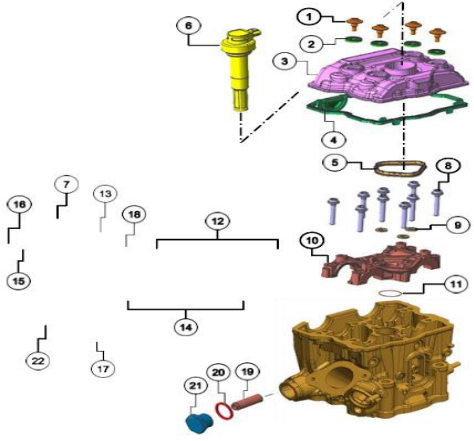
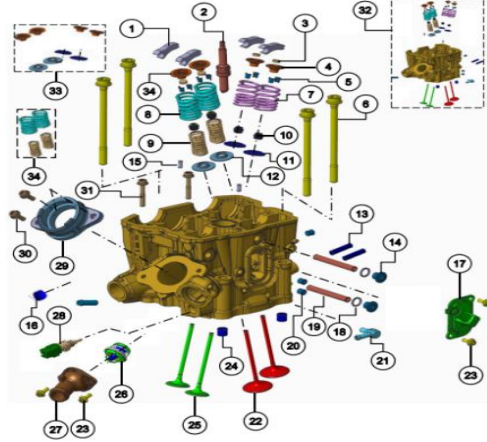
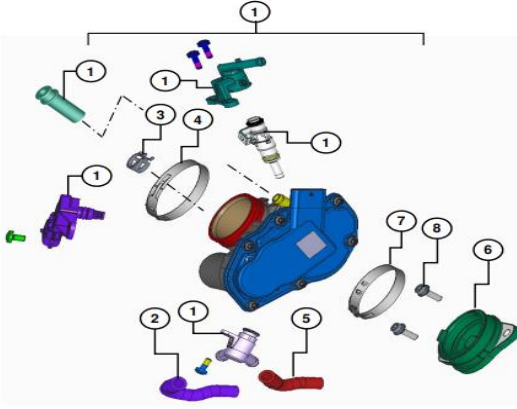
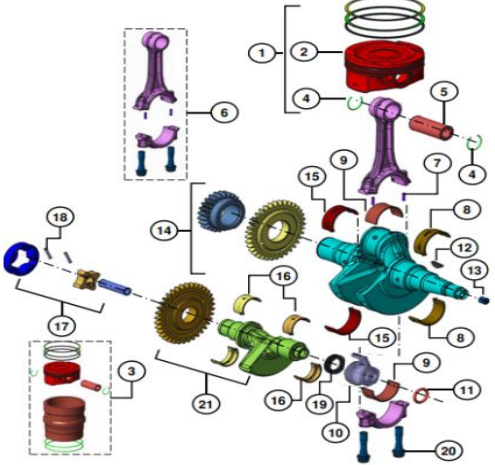
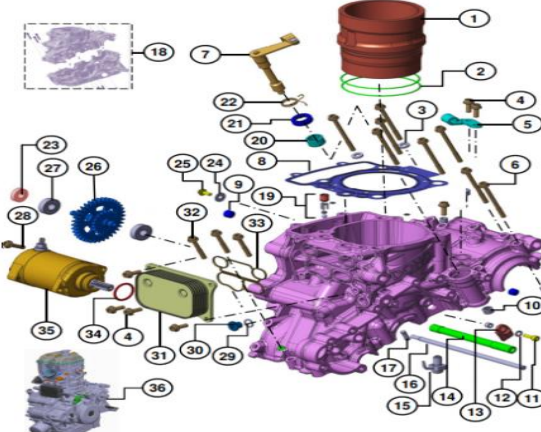
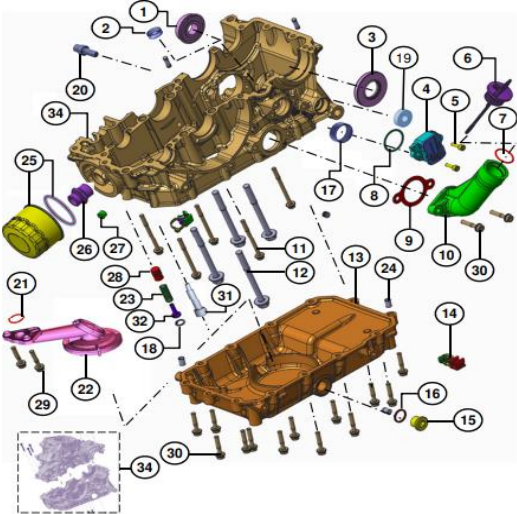


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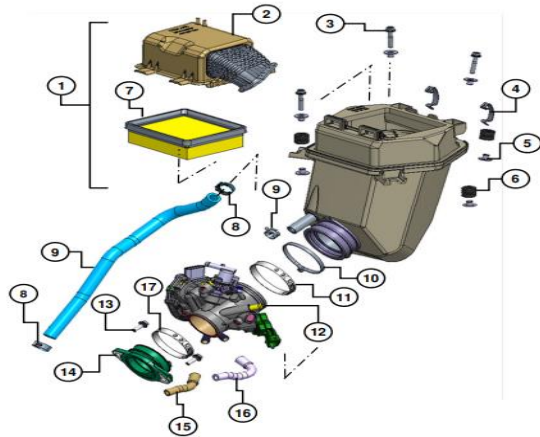


FIGURA N° 13: FILTRO DE AIRE Y ACELERACION

PÁG.N°. 17

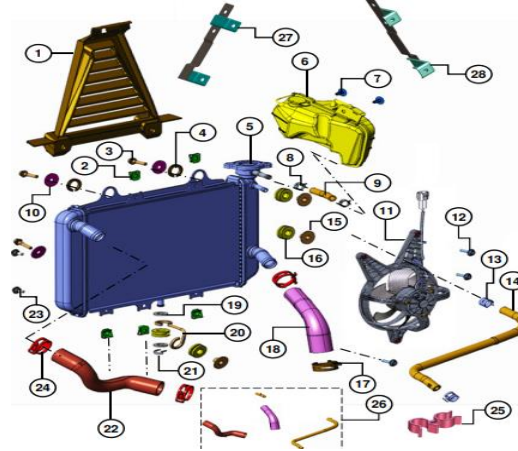


FIGURA N° 14: RADIADOR

PÁG.N°.18/19

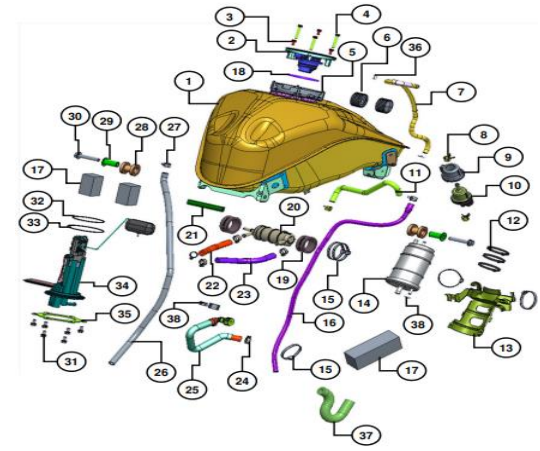


FIGURA N° 15: TANQUE COMBUSTIBLE

PÁG.N°.20/21

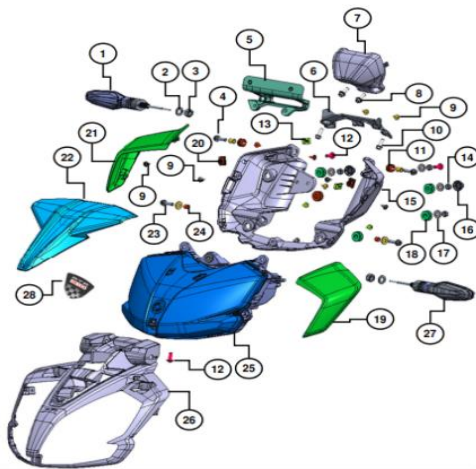


FIGURA N° 16: FAROLA

PÁG.N°.22/23

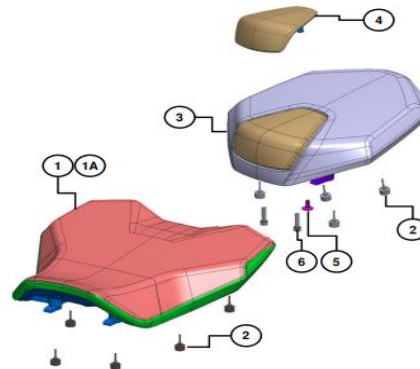


FIGURA N° 17: SILLÍN

PÁG.N°. 24

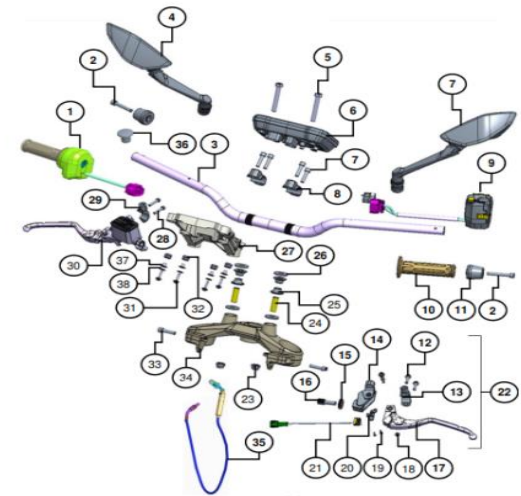


FIGURA N° 18: MANUBRIO - VELOCIMETRO

PÁG.N°.25/26

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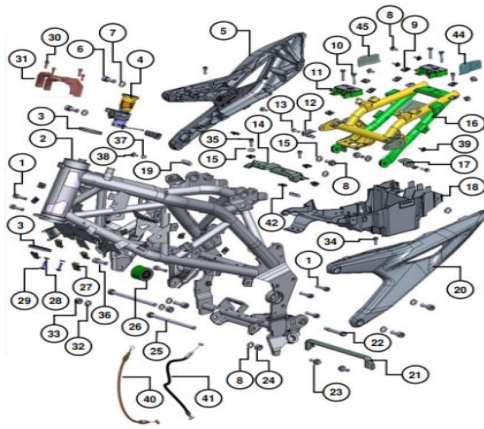


FIGURA N° 19: CHASIS

PÁG.N°.27/28

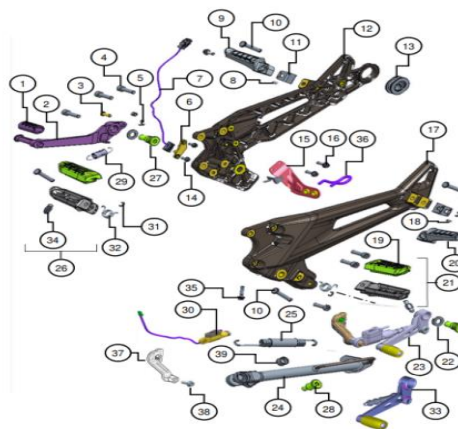


FIGURA N° 20: REPOSAPIÉS IZQUIERDO Y DERECHO

PÁG.N°.29/30

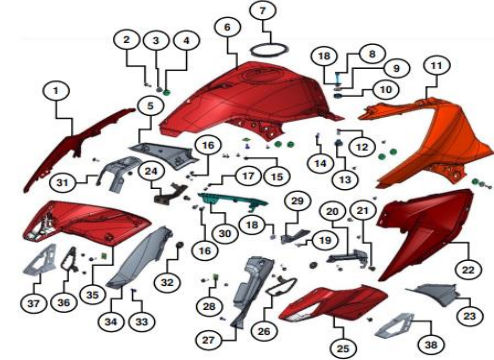


FIGURA N° 21: CUBIERTAS TANQUE COMBUSTIBLE

PÁG.N°.31/32

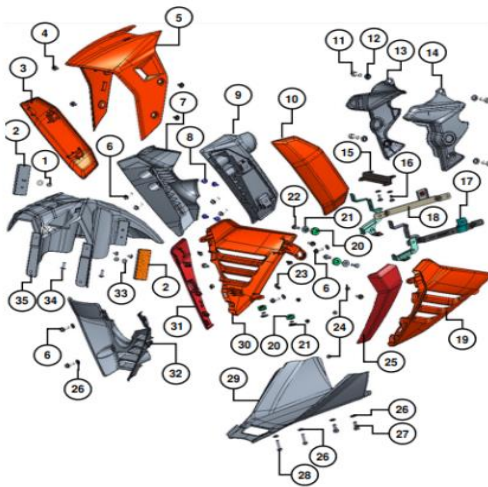


FIGURA N° 22: GUARABARROS DEL. Y PROTECTOR DE MOTOR

PÁG.N°.33/34

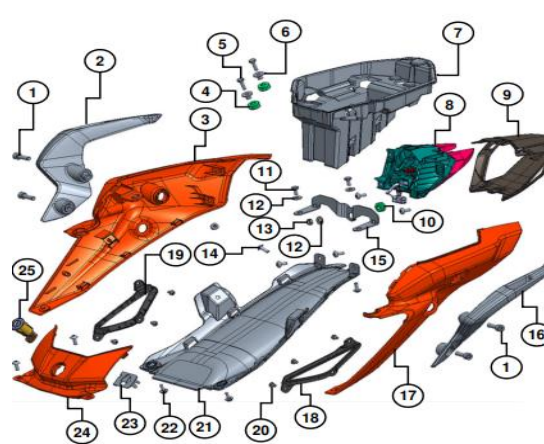


FIGURA N° 23: CUBIERTA SILLIN - STOP

PÁG.N°. 35

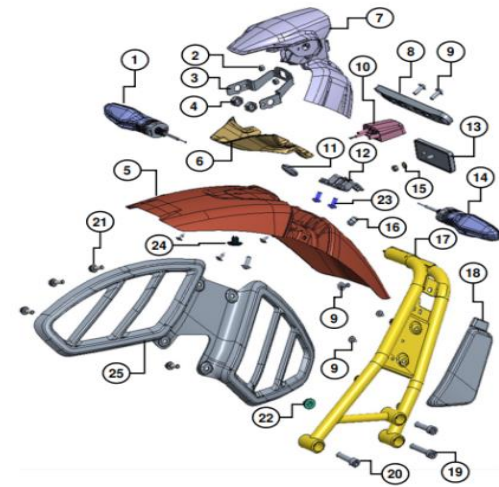


FIGURA N° 24: DIRECCIONAL TRASERA

PÁG.N°. 36

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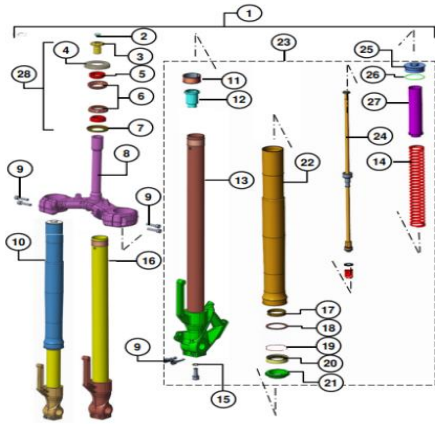


FIGURA N° 25: SUSPENSION DELANTERA - BASE

PÁG.N°.37/38

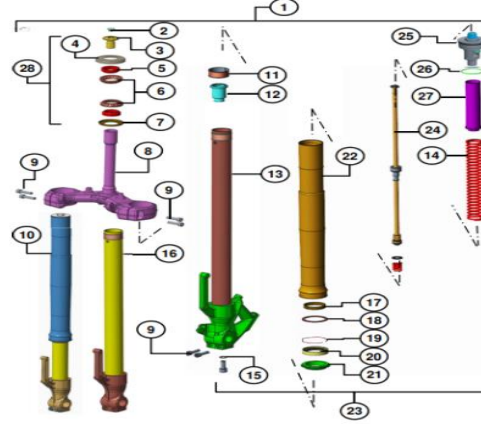


FIGURA N° 25A: SUSPENSION DELANTERA (FULL)

PÁG.N°.39/40

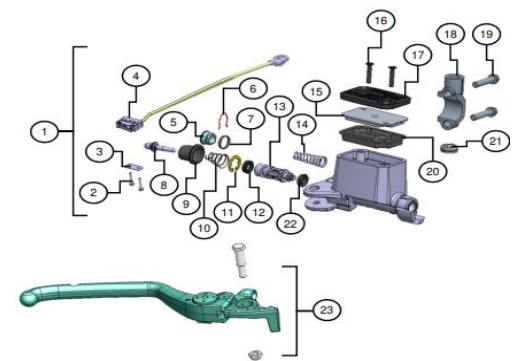


FIGURA N° 26: BOMBA FRENO DELANTERA

PÁG.N°. 41

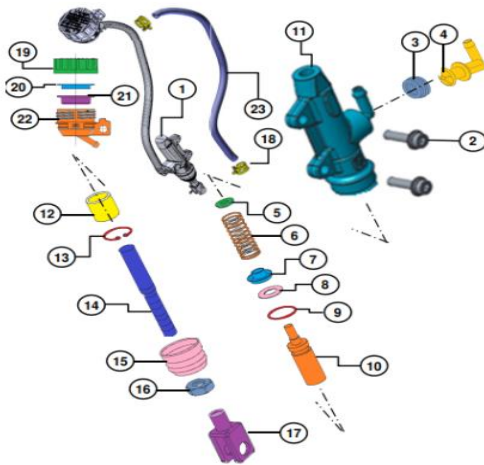


FIGURA N° 27: BOMBA FRENO TRASERA

PÁG.N°. 42

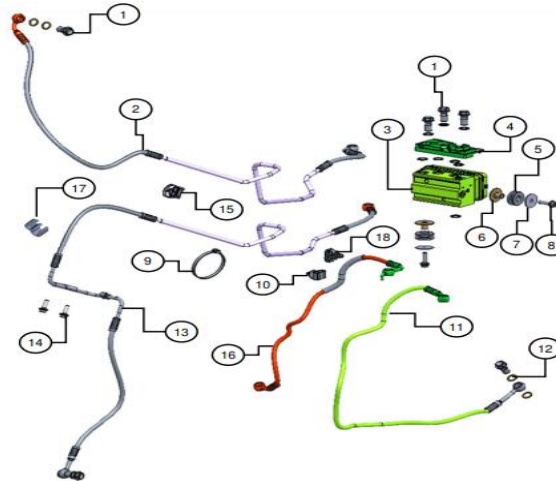


FIGURA N° 28: SISTEMA FRENOS ABS (DOBLE CANAL)

PÁG.N°. 43

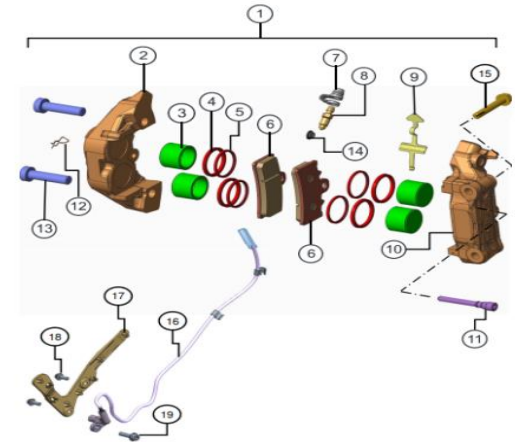


FIGURA N° 29: CALIPER FRENO DELANTERO

PÁG.N°. 44

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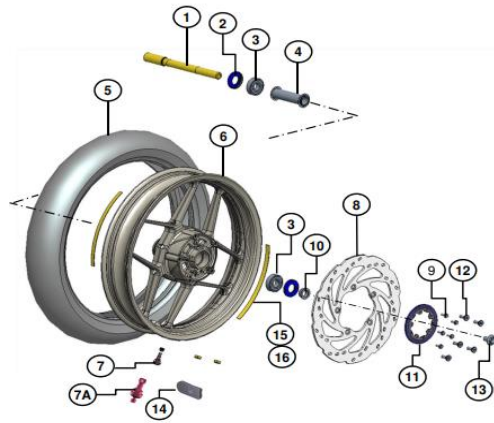


FIGURA N° 30: RUEDA DELANTERA

PÁG.N°.45

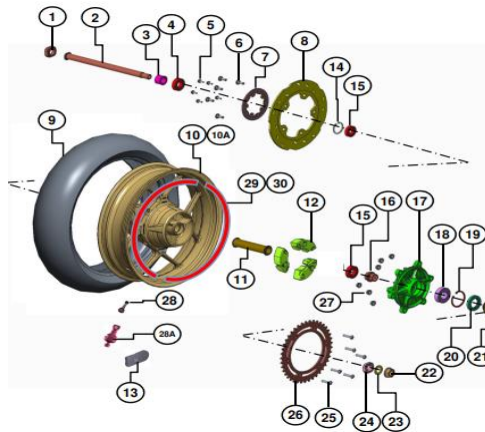


FIGURA N° 31: RUEDA TRASERA

PÁG.N°.46/47

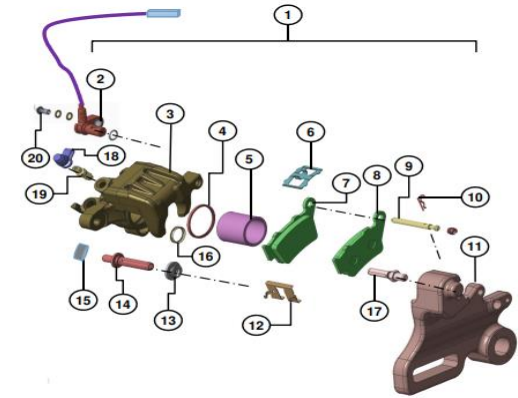


FIGURA N° 32: CALIPER FRENO TRASERO

PÁG.N°. 48

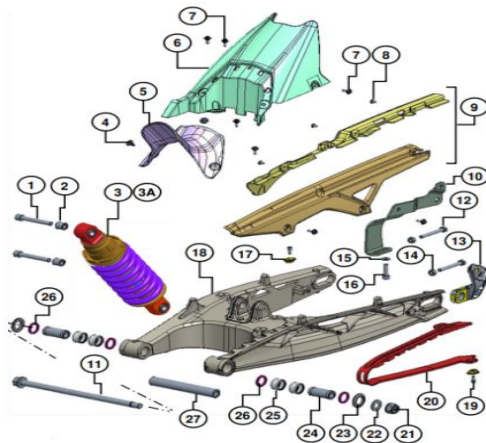


FIGURA N° 33: BRAZO OSCILANTE

PÁG.N°. 49/50

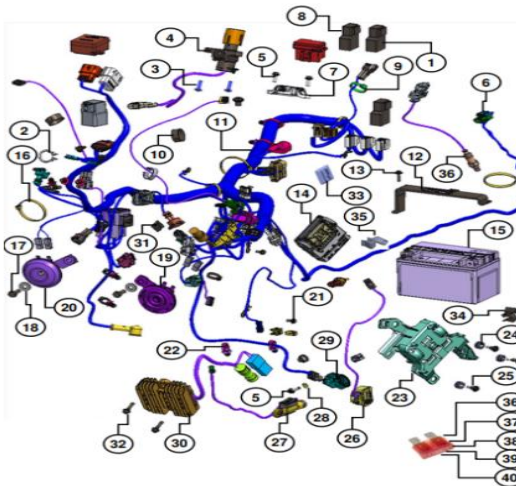


FIGURA N° 34: SISTEMA ELÉCTRICO

PÁG.N°. 51/52

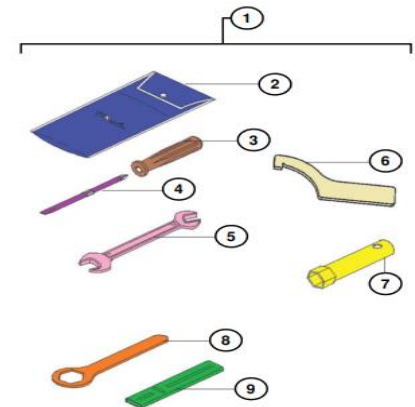


FIGURA N° 35: KIT HERRAMIENTAS

PÁG.N°. 53

FIGURA N° 1: TAPA CULATA - EJE LEVAS

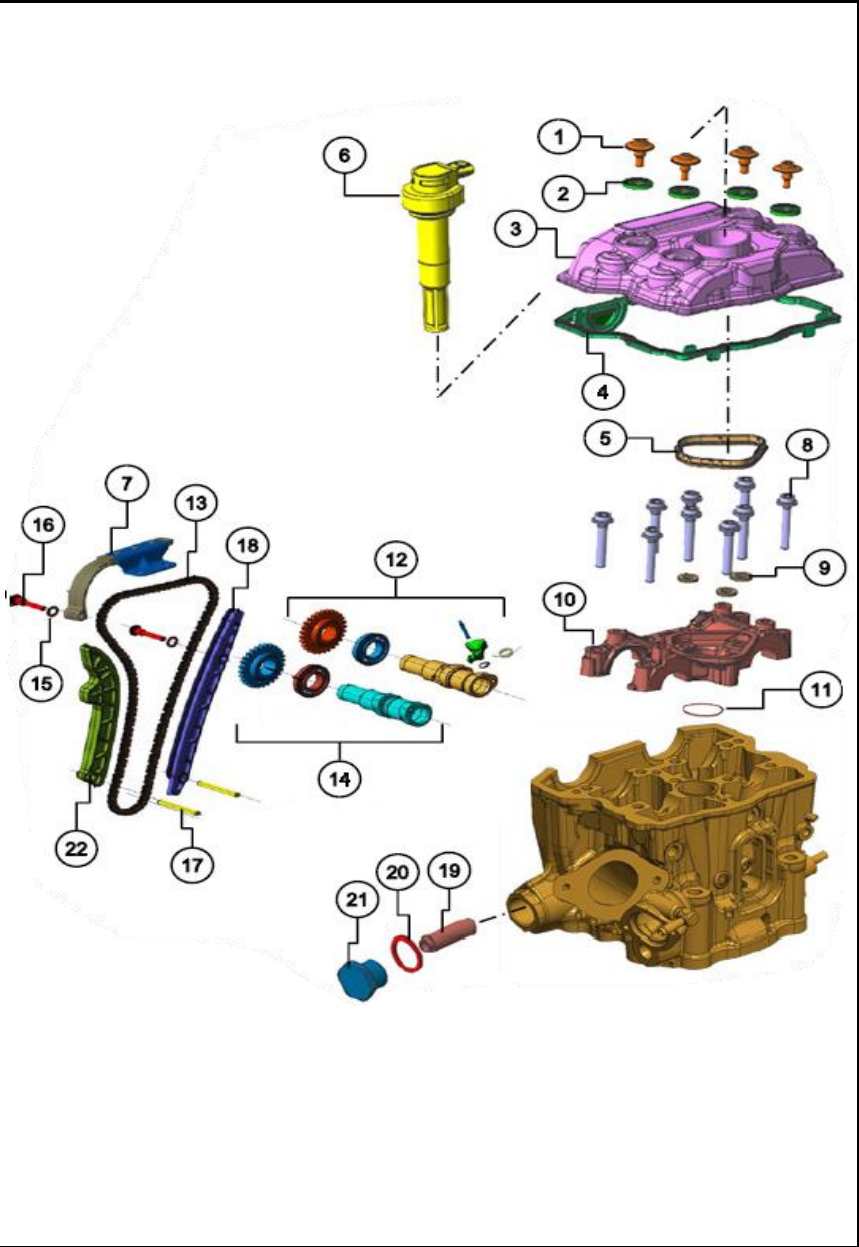


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NB010050	TORNILLO TAPA CULATA	4	10090946
2	N7012180	ANTIVIBRANTE	4	10090947
3	N70121708F	TAPA CULATA	1	10090898
4	N7011600	EMPAQUE TAPA CULATA	1	10082734
5	N7011610	EMPAQUE INTERNO TAPA CULATA	1	10082735
6	NB060120	BOBINA ENCENDIDO	1	10090948
7	N7011770	GUIA SUPERIOR CADENILLA	1	10083300
8	N7200730	TORNILLO M7X38	9	10082782
9	N7082270	ARANDELA ESPECIAL 7.2X15X2	3	10082747
10	N7012150	CUBIERTA EJE LEVAS	1	10090949
11	N7201100	O-RING 2512 180	1	10083341
12	N7012560	EJE LEVAS ESCAPE	1	10090855
13	N7011400	CADENILLA DISTRIBUCION	1	10079487
14	N7012630	EJE LEVAS ADMISION	1	10090856
15	N7201070	ARANDELA COBRE 80 130 10	2	10078627
16	N7011650	TORNILLO TENSOR CADENILLA	2	10078409
17	N7200650	PASADOR 6X51	2	10083337
18	N7011420	GUÍA CADENILLA	1	10083298
19	N7011850	TENSOR CADENA	1	10080403
20	N7011830	EMPAQUE TENSOR	1	10080367
21	N7011810	TORNILLO AJUSTE	1	10080097
22	N7011410	GUIA TENSOR CADENILLA	1	10083492

FIGURA N° 2: CULATA (1/2)

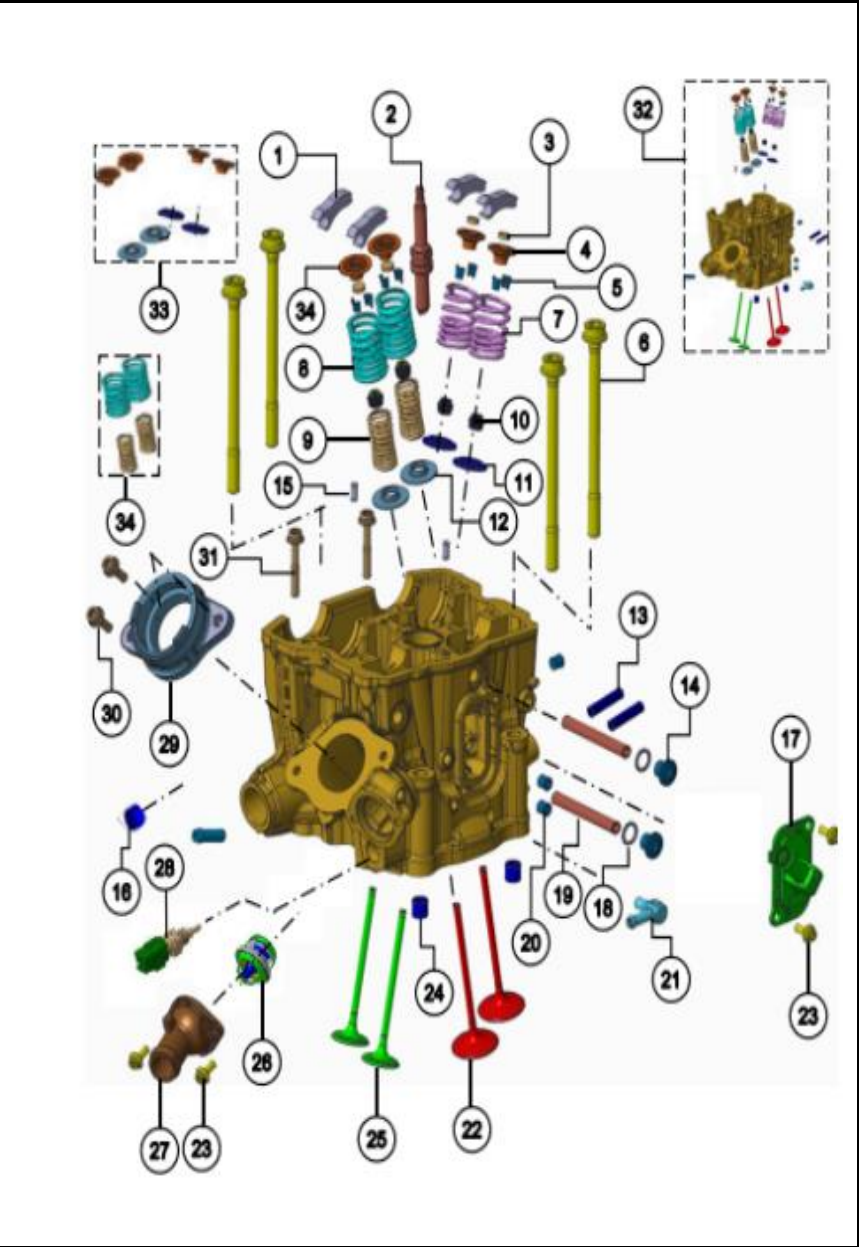


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7012250	BALANCIN	4	10079889
2	N7011630	BUJÍA ENCENDIDO	1	10078640
3	N7011890	ARANDELA AJUSTE 2.04	4	10083438
4	NB320460	RETEN RESORTE VALVULA	2	10081601
5	N7011480	CUÑA VÁLVULA	8	10080197
6	N7011660	PERNO CULATA M9	4	10080101
7	N7011470	RESORTE VÁLVULA ESCAPE	2	10080208
8	NB320220	RESORTE VÁLVULA ADMISIÓN	2	10090950
9	NB320220	RESORTE VALVULA INTERNO	2	10090950
10	N7011460	RETÉN VÁLVULA	4	10080196
11	N7011740	ARANDELA VÁLVULA MUELLE ESCAPE	2	10083632
12	NB320460	ARANDELA VALVULA ADMISIÓN	2	10081601
13	N7201140	ESPARRAGO M7X30	2	10090951
14	N7082250	TAPÓN EJE	2	10078651
15	N7200620	PIN PASADOR 5X10	2	10080296
16	N7011840	BOQUILLA SALIDA AIRE	1	10090952
17	N7180520	TAPA VÁLVULA SAI	1	10084976
18	N2081600	ARANDELA TAPÓN ACEITE	2	10080371
19	N7011520	EJE BALANCIN	2	10078638
20	N7201980	TORNILLO HEXAGONAL M8	3	10090953
21	N7011690	CONECTOR INYECCIÓN AIRE	1	10080427
22	N7011360	VÁLVULA ADMISIÓN	2	10079549
23	N7201260	TORNILLO HEXAGONAL M5X12	4	10083343
24	N7011700	PIN GUIA CULATA	2	10078646
25	N7011370	VÁLVULA ESCAPE	2	10080092

This diagram illustrates the assembly of a 4-stroke engine. The central component is the engine block (1), which is surrounded by various parts including:

- Valvetrain (Top):** Includes intake and exhaust valves (2, 3), springs (4, 5), retainers (6, 7), and guides (8, 9).
- Pistons and Crankshaft (Bottom):** Features two pistons (10, 11) with rings (12, 13), a crankshaft (14), and connecting rods (15, 16).
- Timing and Lubrication:** Includes a timing belt (17) and oil pump (18).
- Accessories:** Includes a water pump (19), alternator (20), and other components (21-24).

 The diagram also includes three inset diagrams showing sub-assembly steps:

- Top Left:** Shows the installation of the timing belt (17) and its tensioners (25, 26).
- Top Right:** Shows the installation of the oil pump (18) and its drive shaft (27).
- Bottom Right:** Shows the installation of the water pump (19) and its drive shaft (28).

 The parts are numbered 1 through 34, corresponding to the labels in the diagram.



An exploded view diagram of a pump assembly. The central component is a blue pump housing. Surrounding it are various parts labeled with circled numbers: 1 (multiple instances for screws, bolts, and a small pump head), 2 (a purple elbow), 3 (a small flange), 4 (a large flange), 5 (a red elbow), 6 (a green cover), 7 (a flange), 8 (a bolt), and a green screw. Dashed lines indicate the assembly path for some components.

TVS 

FIGURA N° 4: CIGÜEÑAL - PISTON

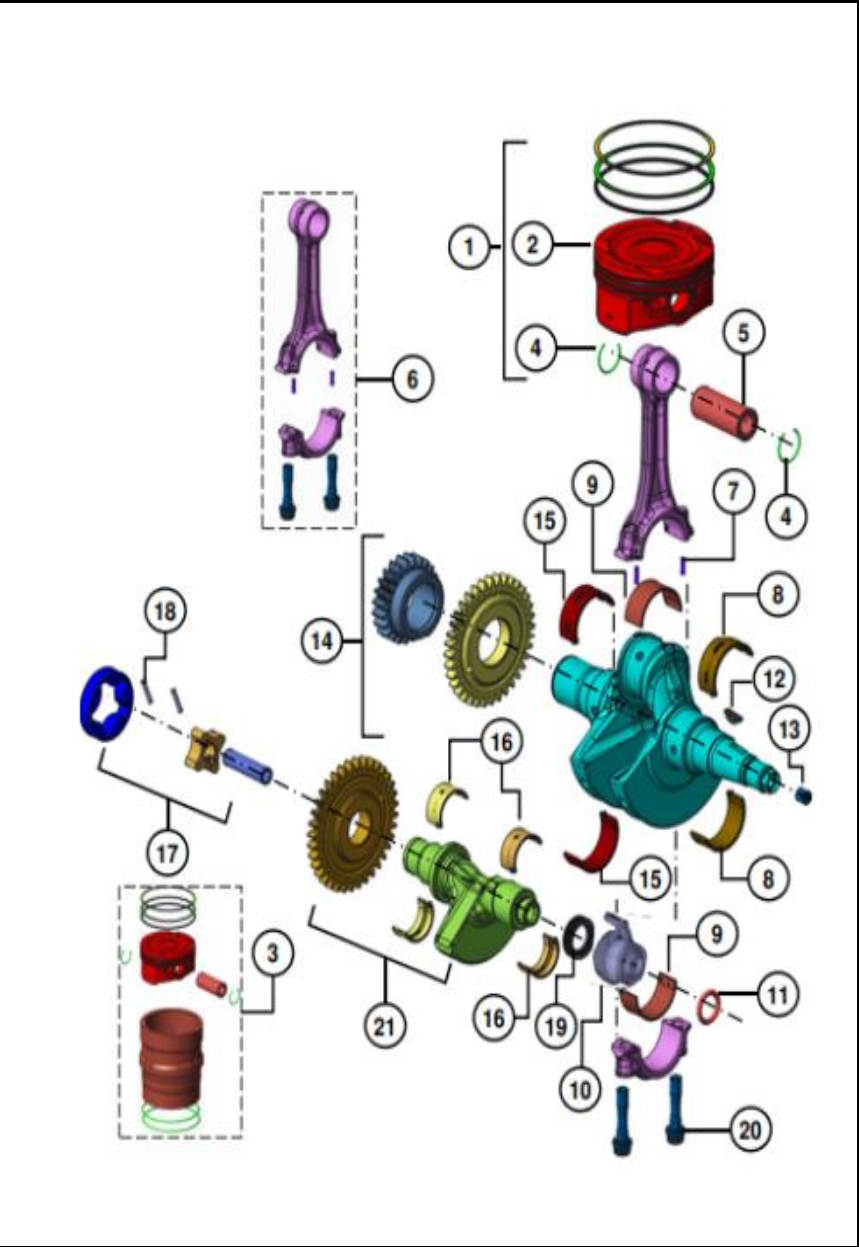


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7020390	KIT PISTÓN	2	10090902
2	---	PISTÓN DIA80	1	
3	N7320920	KIT TUBO INTERNO CILINDRO PISTÓN	1	10090896
4	N7020060	CLIP PISTÓN	2	10083301
5	N7020070	BUJE PASADOR PISTÓN	1	10082738
6	NB020110	BIELA	1	10084982
7	---	PIN PASADOR BIELA	2	
8	N7020190	CASQUETE CIGÜEÑAL(CAFÉ-AMARILLO)	2	10078518
9	N7020290	CASQUETE BIELA ROJO	2	10088985
9A	N7020300	CASQUETE BIELA PÚRPURA	2	10088986
9B	N7020310	CASQUETE BIELA AZUL	2	10088987
10	N7082730	CONECTOR ADAPTADOR BALANCEADOR	1	10090956
11	N7201090	O RING 1380 350	1	10083340
12	R1200150	CUÑA CIGÜEÑAL	1	10083507
13	N7201980	TORNILLO RESPIRADERO MOTOR M8	1	10090953
14	N7020080	CIGÜEÑAL COMPLETO	1	10078652
15	N7020180	CASQUETE CIGÜEÑAL (CAFÉ-AMARILLO)	2	10078516
16	N7020170	CASQUETE CIGÜEÑAL EJE BALANCEADOR	4	10078531
17	N7082330	BOMBA ACEITE	1	10080143
18	---	PIN 3.5X15.8	2	
19	N7201020	RETEN ACEITE 24.5X15.7	1	10080472
20	---	TORNILLO ESPECIAL BIELA	2	
21	N7020150	BALANCEADOR COMPLETO	1	10084245

FIGURA N° 5: CARTER SUPERIOR (1/2)

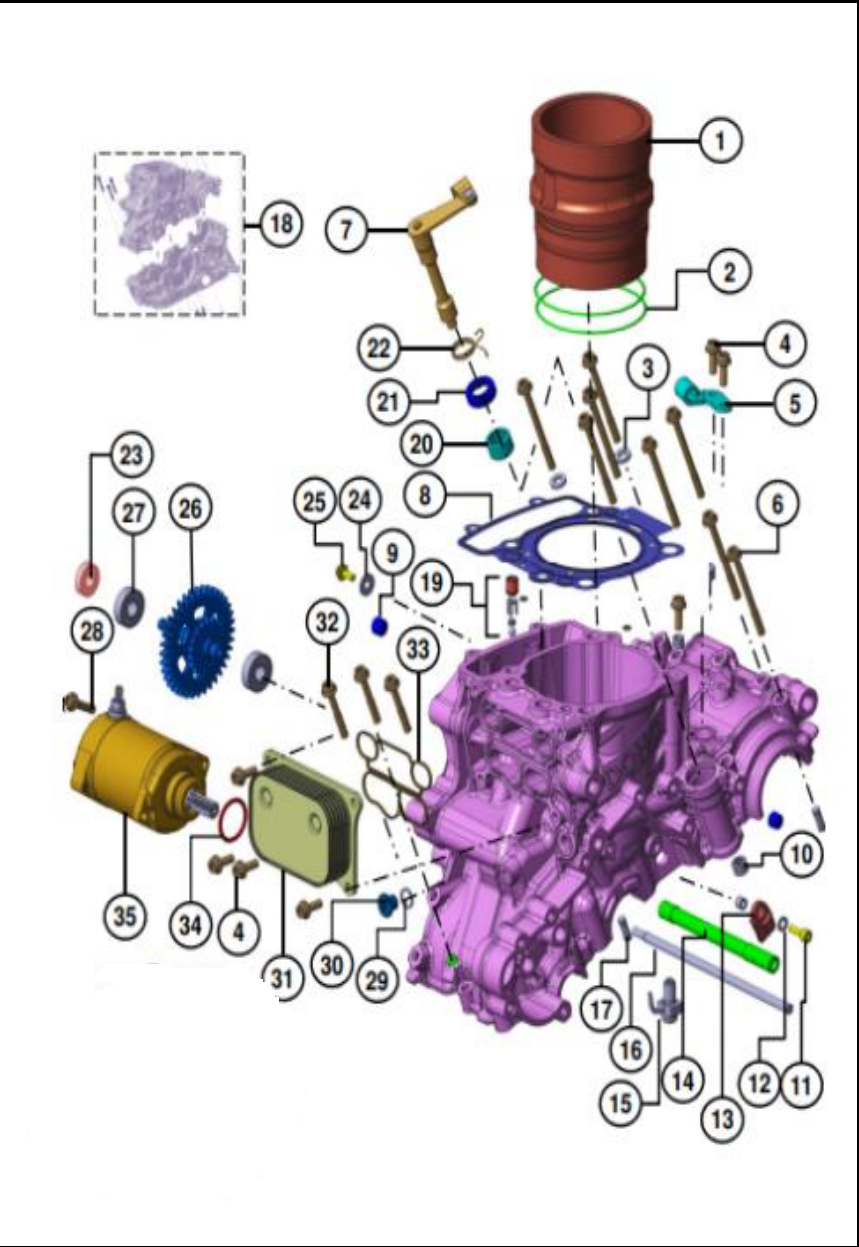


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7011380	TUBO INTERNO CILINDRO	1	10084983
2	N7201120	ORING CILINDRO 310RR RP	2	10082788
3	N2010960	ARANDELA SELLADORA M6 RP	2	10082717
4	N7200880	TORNILLO BRIDA M6X16	4	10083338
5	N7070150	SOPORTE CABLE CLUTCH	1	10081302
6	N7200780	TORNILLO M6X70	8	10082783
7	N7070270	LEVA VARILLA CLUTCH	1	10080332
8	N7011340	EMPAQUE CULATA	1	10081299
9	N7201970	TORNILLO M10X1	3	10090957
10	N7202270	RODAMIENTO AGUJAS 8 12	1	10080351
11	N7201200	TORNILLO M5X16	1	10082790
12	P1200140	ARANDELA PERFORADA	1	10079774
13	N7082370	TOPE PIÑON ARRANQUE	1	10082748
14	N7082880	TUBO COLECTOR ACEITE	1	10086498
15	N7081850	INYECTOR ACEITE	1	10080141
16	N7070180	VARILLA EMPUJE CLUTCH	1	10083633
17	N7202190	PIN GUIA	4	10083364
18	N7030190	CARTER COMPLETO	1	10082741
19	N7082500	VALVULA RETENCION FLUJO	1	10082750
20	F200070	RODAMIENTO AGUJAS	1	10080190
21	N7201010	RETEN ACEITE 24 15 7	1	10080286
22	N7070120	RESORTE VARILLA	1	10080294
23	N7201000	RETEN ACEITE 22 10 6	1	10083339
24	N7201150	ARANDELA 52X150X10	1	10082789
25	N7201260	TORNILLO M5X12	1	10083343
26	N7020220	PIÑON CONDU EJE LEVAS	1	10082739

An exploded view diagram of a mechanical assembly, likely a pump or engine component. The central part is a large, purple-colored housing or cylinder head. Above it is a red cylindrical component (1) with a green ring (2). To the left is a yellow motor or actuator (35) connected to a blue gear (26) via a shaft (28). Various bolts, nuts, washers, and pins are shown around the main components, each labeled with a number from 1 to 35. A dashed box highlights a specific area on the left side of the diagram.



FIGURA N° 6: CARTER INFERIOR (1/2)

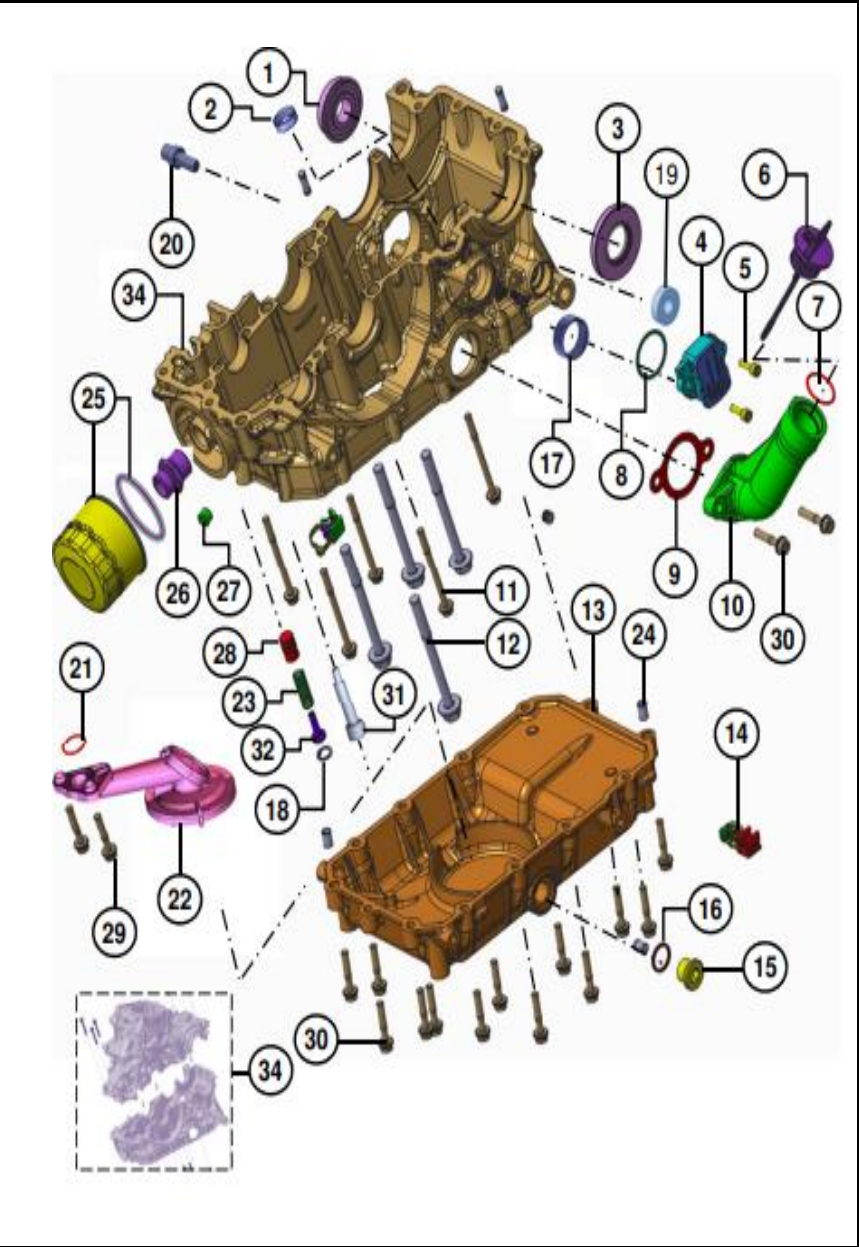


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7200950	BALINERA 17 40 12	1	10082787
2	N7202270	RODAJE AGUJAS 8 12	1	10080351
3	N7201030	RETEN ACEITE 52 28 7	1	10079891
4	N7060070	SENSOR POSICIONADOR CAMBIOS	1	10079551
5	N7201200	TORNILLO M5X16	2	10082790
6	N7082140	TAPON MEDIDOR ACEITE	1	10082746
7	N2040940	ORING 24.7X2.3	1	10080449
8	N7081260	ORING 2500 200	1	10090958
9	NB080240	EMPAQUE TUBO ACEITE	1	10080466
10	N7082480	TUBO LLENADO ACEITE	1	10080071
11	N7200780	TORNILLO M6X70	5	10082783
12	N7200540	TORNILLO M9X95	4	10082774
13	N70300807D	CARTER ACEITE	1	10082740
14	N7082510	CLIP GUIA CABLE	2	10083636
15	N7082260	TAPON DRENAJE	1	10081450
16	N7201060	ARANDELA TAPON DRENAJE	1	10082196
17	N7200830	RODAJE AGUJAS 25 32	1	10080533
18	N7200870	SEGURO 12X1	1	10082784
19	N7202330	RETEN 12 22 9	1	10078321
20	N7082310	RESORTE LEVA CAMBIO	1	10080469
21	N7081270	O RING 1700 200	1	10080287
22	N7081970	TUBO CONDUCTO SUCCION	1	10083635
23	N7082160	RESORTE	1	10090959
24	M1010090	PIN GUIA 8X14	2	10078392
25	N7081420	FILTRO ACEITE	1	10081303

This diagram illustrates the exploded view of a mechanical assembly, featuring 34 numbered components. The main assembly consists of a large, complex metal housing (part 1) and a base plate (part 34). Various internal components, including bolts (e.g., 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32), washers (e.g., 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), and a green cylindrical component (part 7), are shown in their relative positions. A dashed box in the bottom left corner highlights a specific detail of the base plate (part 34).



FIGURA N° 7: VOLANTE - PLATO BOBINAS

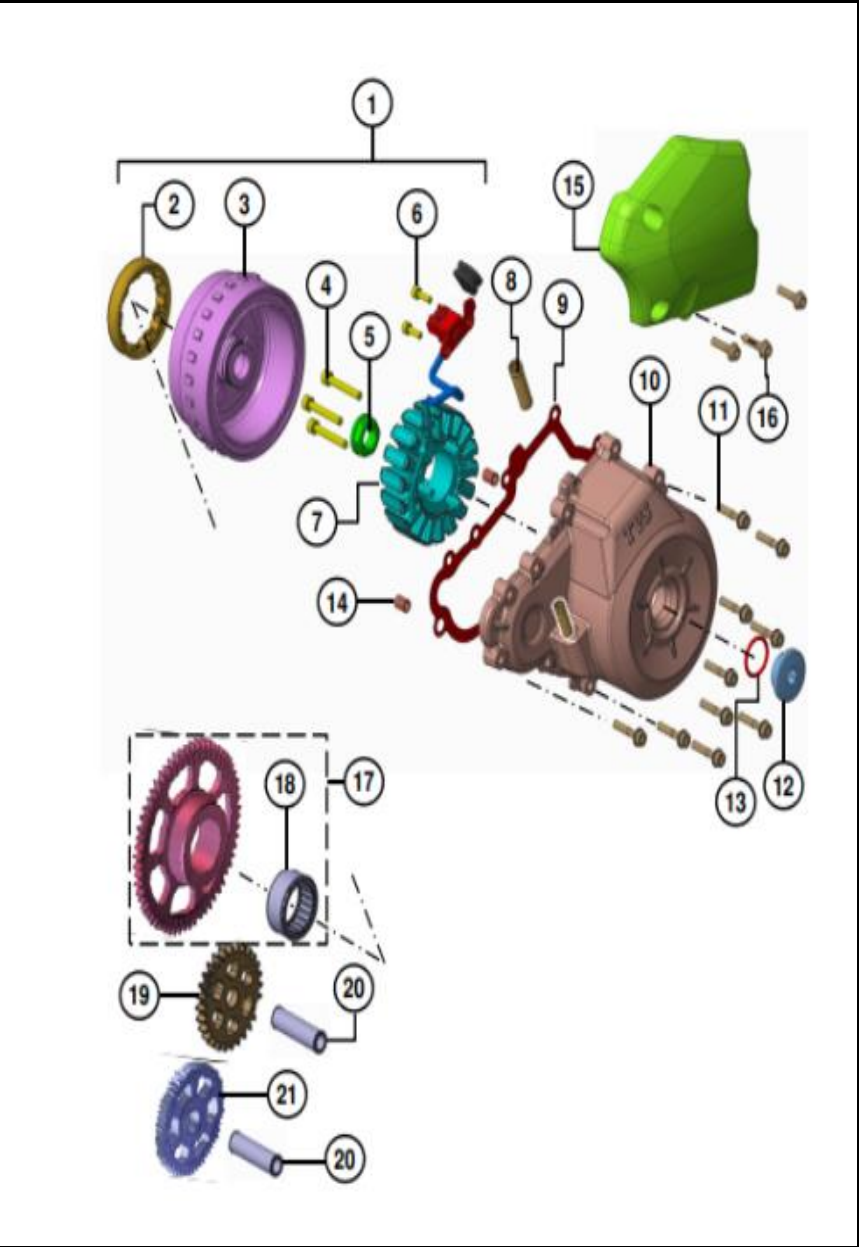


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NB060010	VOLANTE COMPLETA	1	10084295
2	N7082810	CLUTCH UNA VIA	1	10081520
3	NB320010	VOLANTE	1	10083502
4	N7201220	TORNILLO M6X40	3	10082791
5	N7201250	TUERCA M16	1	10080347
6	N7201200	TORNILLO M5X16	2	10082790
7	NB320020	PLATO BOBINAS	1	10083653
8	---		1	
9	N7030060	EMPAQUE TAPA VOLANTE	1	10082191
10	N7030170	TAPA VOLANTE	1	10081541
11	N7200690	TORNILLO M6X30	10	10082779
12	N7082610	TAPON TAPA VOLANTE	1	10080494
13	N7202340	O RING 2270 310	1	10080535
14	74010	PIN	2	10079453
15	N7082470	CUBIERTA PIÑON	1	10080139
16	N7201640	TORNILLO M6X20X100	2	10083355
17	N7082010	PIÑON ARRANQUE	1	10090962
18	N7200930	RODAMIENTO AGUJAS 25 32	1	10083801
19	N7081350	PIÑON IMPULSOR ARRANQUE	1	10080951
20	N7081290	PIN PIÑON	2	10081532
21	N7081780	PIÑON INTERMEDIO ARRANQUE	1	10078637

FIGURA N° 8: CUBIERTA CLUTCH

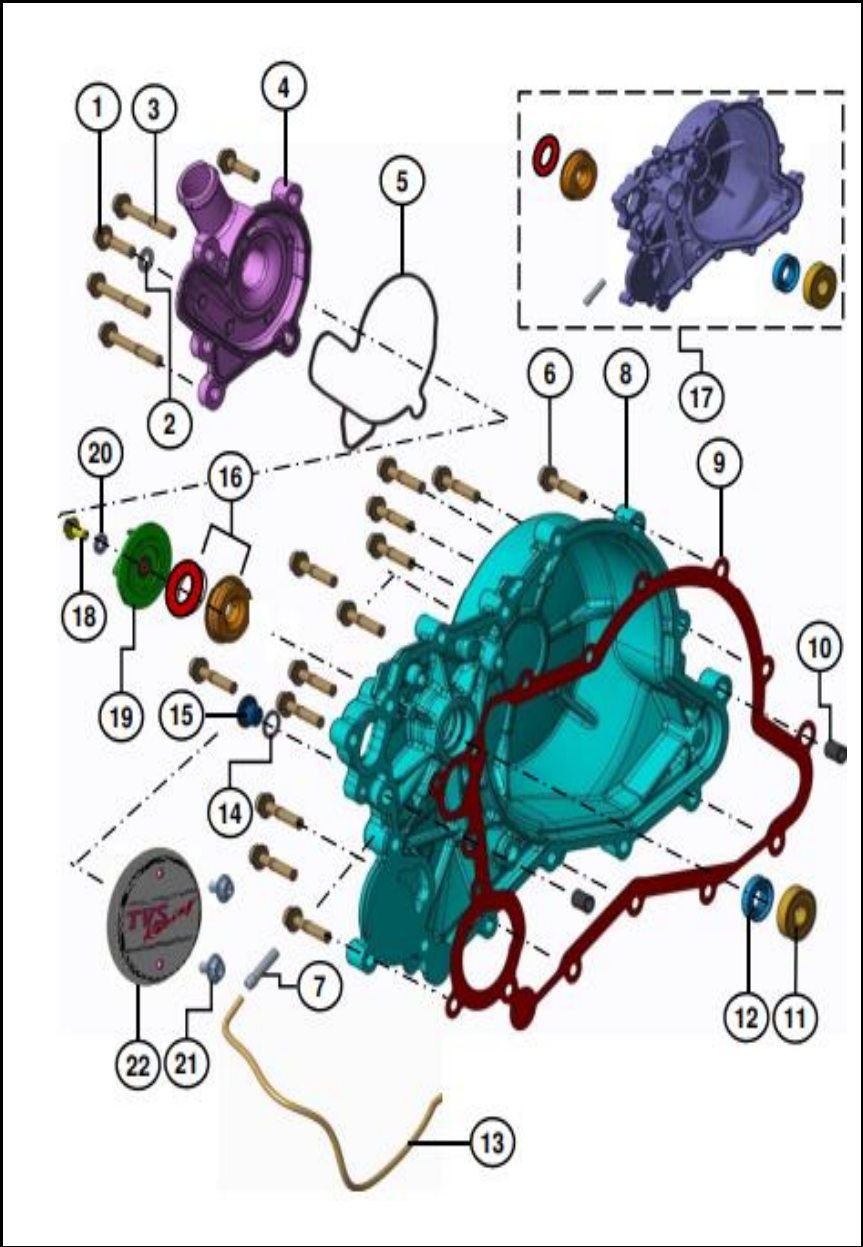


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7200680	TORNILLO M6XX25	2	10082778
2	N7201080	ARANDELA ALUMINIO 6.2X12X1	1	10081306
3	N7200900	TORNILLO M6X45	3	10082786
4	N71800207D	CUBIERTA BOMBA AGUA	1	10082772
5	N7180010	EMPAQUE BOMBA AGUA	1	10080096
6	N7200690	TORNILLO M6X30	13	10082779
7	---		1	
8	---		1	
9	N7030070	EMPAQUE CUBIERTA CLUTCH	1	10081454
10	74010	TORNILLO 6X22	2	10039990
11	N7200940	RODAMIENTO BOLAS 10X26X8	1	10080497
12	N7201000	RETEN ACEITE 22 10 6	1	10083339
13	NB080210	MANGUERA DRENAJE	1	10083400
14	N2081600	ARANDELA COBRE	1	10080371
15	N7082250	TORNILLO TAPON M10X10	1	10078651
16	N7180070	RETEN DIAFRAGMA BOMBA AGUA	1	10082585
17	N7030160	CUBIERTA CLUTCH COMPLETA	1	10078616
18	N7201260	TORNILLO M5X12	1	10083343
19	N7180040	DIAFRAGMA BOMBA AGUA	1	10078661
20	N7202220	ARANDELA COBRE 52 99 5	1	10080102
21	N7201700	TORNILLO M5X10	2	10082802
22	N7082660	LOGO CUBIERTA CLUTCH	1	10080077

FIGURA N° 9: CLUTCH

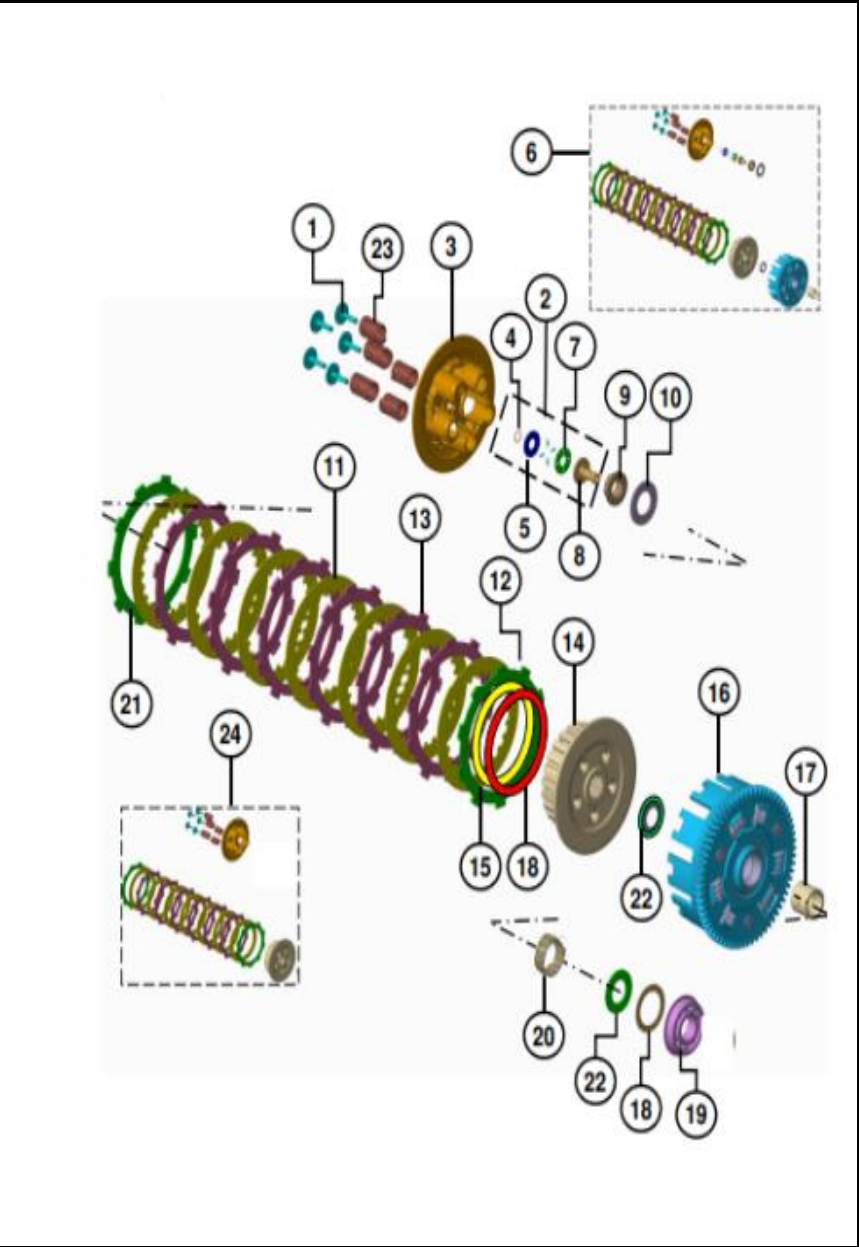


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N2200500	TORNILLO HEXAGONO M6X25	3	10079690
2	N7070370	KIT EMPUJADOR CLUTCH	1	10090963
3	N7070320	LLEGA CON EL CLUTCH COMPLETO	1	10086496
4	N7070370	LLEGA CON EL KIT EMPUJADOR CLUTCH	1	10090963
5	N7070370	LLEGA CON EL KIT EMPUJADOR CLUTCH	1	10090963
6	N7070320	CLUTCH COMPLETO + CORONA CLUTCH	1	10086496
7	N7070370	LLEGA CON EL KIT EMPUJADOR CLUTCH	1	10090963
8	N7070370	LLEGA CON EL KIT EMPUJADOR CLUTCH	1	10090963
9	N7200920	TUERCA HEXAGONAL	1	10082587
10	N7070220	ARANDELA CLUTCH	1	10082577
11	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	5	10086497
12	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	1	10086497
13	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	4	10086497
14	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	1	10086497
15	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	1	10086497
16	N7070320	CLUTCH COMPLETO + CORONA CLUTCH	1	10086496
17	N7070030	BUJE CORONA CLUTCH	1	10080510
18	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	1	10086497
19	N7200970	BALINERA CLUTCH 62/22	1	10078510
20	N7070320	LLEGA CON EL CLUTCH COMPLETO	1	10086496
21	N7070330	LLEGA CON CLUTCH COMPLETO (N7070330)	3	10086497
22	N7070320	LLEGA CON EL CLUTCH COMPLETO	2	10086496
23	N7070420	RESORTES CLUTCH	3	10090964
24	N7070330	CLUTCH COMPLETO	1	10086497

FIGURA N° 10: TRANSMISION (1/2)

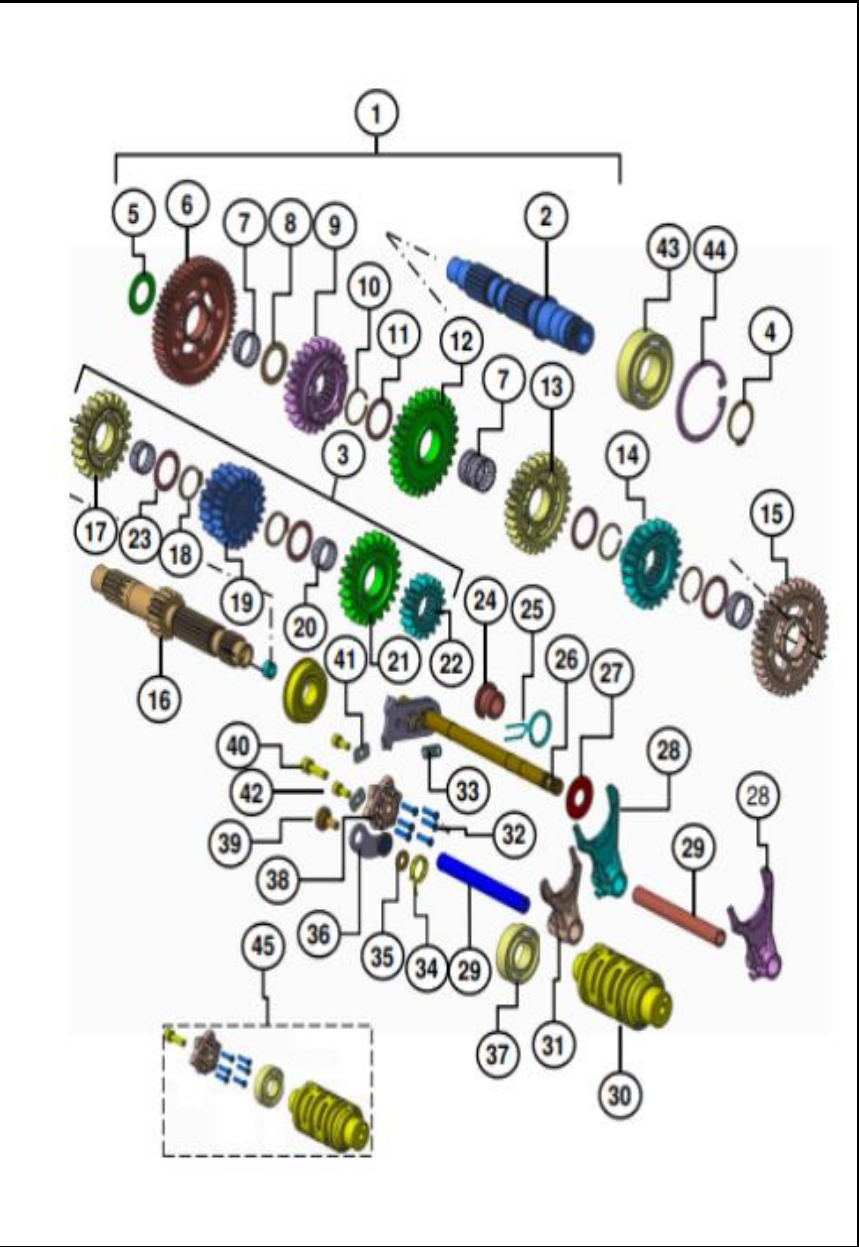


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7081450	EJE PRIMARIO COMPLETO	1	10081222
2	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
3	N7082150	EJE SECUNDARIO COMPLETO	1	10080952
4	G2200020	SEGURO DE EJE PRIMARIO	1	10079959
5	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
6	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
7	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	4	10081222
8	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
9	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
10	N7200560	SEGURO 23X12	3	10082586
11	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	3	10081222
12	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
13	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
14	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
15	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
16	N7081450	LLEGA CON EJE PRIMARIO COMPLETO(N7081450)	1	10081222
17	N7082150	LLEGA CON EJE SECUND. COMPLETO(N7082150)	1	10080952
18	N7200550	ARANDELA SEGURIDAD 21X1.2	2	10083335
19	N7082150	LLEGA CON EJE SECUND. COMPLETO(N7082150)	1	10080952
20	N7082150	LLEGA CON EJE SECUND. COMPLETO(N7082150)	2	10080952
21	N7082150	LLEGA CON EJE SECUND. COMPLETO(N7082150)	1	10080952
22	N7082150	LLEGA CON EJE SECUND. COMPLETO(N7082150)	1	10080952
23	N7082150	LLEGA CON EJE SECUND. COMPLETO(N7082150)	2	10080952
24	N7081580	ESPACIADOR SELECTOR DE CAMBIOS	1	10080046
25	N7082680	RESORTE RETORNO	1	10080364

This diagram illustrates the exploded view of a mechanical assembly, with 45 individual components numbered for identification. The parts are distributed as follows:

- Top Section:** Includes a large brown gear (6), a green ring (5), a blue ring (7), a yellow ring (8), a purple gear (9), a blue gear (10), a green gear (11), a blue gear (12), a blue gear (13), a blue gear (14), a blue gear (15), a blue gear (16), a blue gear (17), a blue gear (18), a blue gear (19), a blue gear (20), a blue gear (21), a blue gear (22), a blue gear (23), a blue gear (24), a blue gear (25), a blue gear (26), a blue gear (27), a blue gear (28), a blue gear (29), a blue gear (30), a blue gear (31), a blue gear (32), a blue gear (33), a blue gear (34), a blue gear (35), a blue gear (36), a blue gear (37), a blue gear (38), a blue gear (39), a blue gear (40), a blue gear (41), a blue gear (42), a blue gear (43), a blue gear (44), a blue gear (45).
- Bottom Section:** Includes a blue gear (1), a blue gear (2), a blue gear (3), a blue gear (4), a blue gear (5), a blue gear (6), a blue gear (7), a blue gear (8), a blue gear (9), a blue gear (10), a blue gear (11), a blue gear (12), a blue gear (13), a blue gear (14), a blue gear (15), a blue gear (16), a blue gear (17), a blue gear (18), a blue gear (19), a blue gear (20), a blue gear (21), a blue gear (22), a blue gear (23), a blue gear (24), a blue gear (25), a blue gear (26), a blue gear (27), a blue gear (28), a blue gear (29), a blue gear (30), a blue gear (31), a blue gear (32), a blue gear (33), a blue gear (34), a blue gear (35), a blue gear (36), a blue gear (37), a blue gear (38), a blue gear (39), a blue gear (40), a blue gear (41), a blue gear (42), a blue gear (43), a blue gear (44), a blue gear (45).



This diagram shows an exploded view of a mechanical assembly with 20 numbered parts. The parts are color-coded and arranged to show their assembly sequence and relationships. Part 1 is a large brown housing. Part 2 is a long, curved, gold-colored chain. Part 3 is a green bracket. Part 4 is a small purple gear. Part 5 is a small purple gear. Part 6 is a small purple gear. Part 7 is a small purple gear. Part 8 is a small purple gear. Part 9 is a small purple gear. Part 10 is a small purple gear. Part 11 is a red housing. Part 12 is a blue housing. Part 13 is a red housing. Part 14 is a blue housing. Part 15 is a brown housing. Part 16 is a small purple gear. Part 17 is a blue housing. Part 18 is a red housing. Part 19 is a small purple gear. Part 20 is a small purple gear. A dashed box highlights the assembly of parts 19 and 20 onto the chain (part 2).



FIGURA N° 12: SILENCIADOR

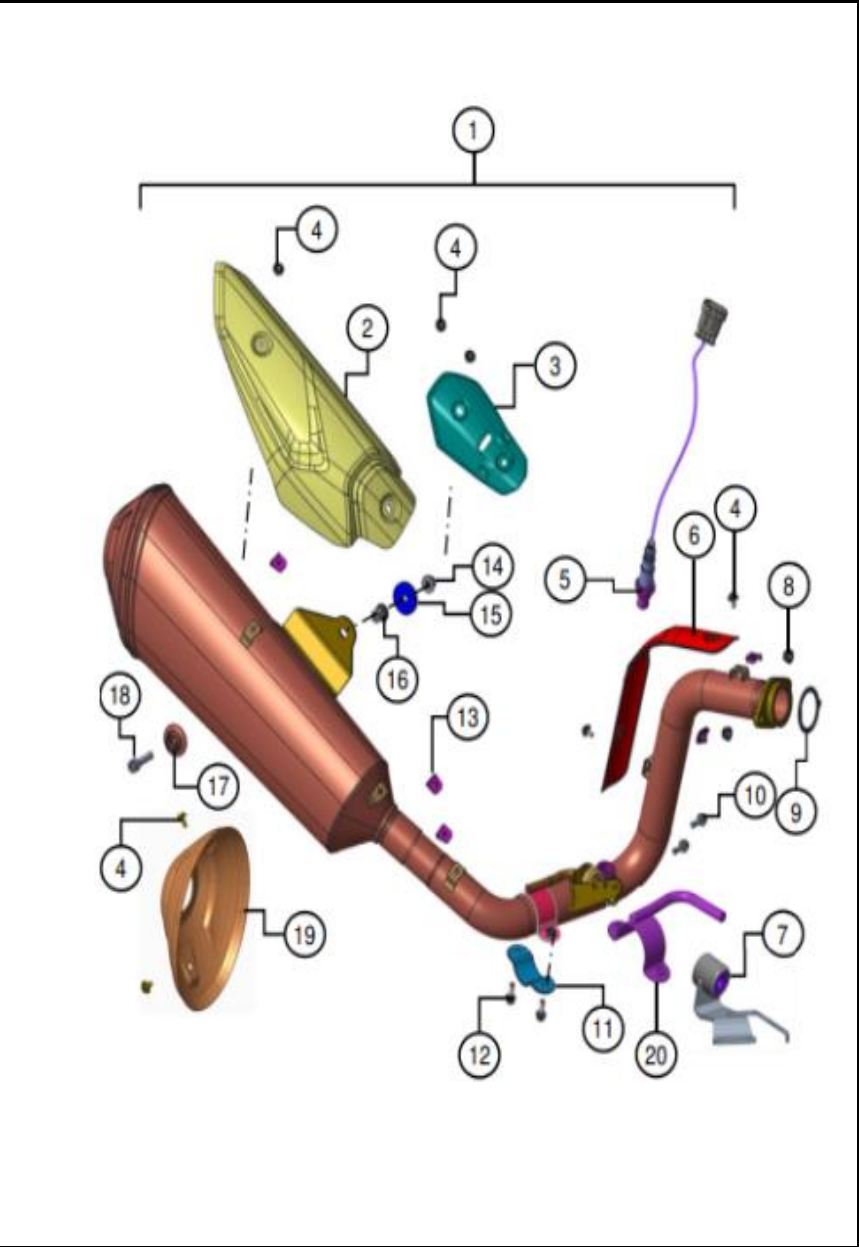


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7050410	SILENCIADOR COMPLETO	1	10090895
2	N7050230	PROTECTOR POSTERIOR TUBO ESCAPE	1	10080058
3	N7050440	PROTECTOR TUBO ESCAPE	1	
4	N7201700	TORNILLO	5	10082802
5	N7060250	SENSOR OXIGENO U399C	1	10083655
6	N7050220	PROTECTOR DELANTERO TUBO ESCAPE	1	10080130
7	N7051670	SOPORTE	1	10090973
8	N7201490	TUERCA M7	2	10082797
9	N7050010	EMPAQUE TUBO ESCAPE	1	10081455
10	N7201640	TORNILLO M6X20X100	2	10083355
11	N7050290	SOPORTE INFERIOR	1	10080447
12	N7200880	TORNILLO M6X16	2	10083338
13	N7201600	TUERCA	5	10080760
14	N7201810	TUERCA CON SEGURO	1	10083359
15	N7201510	ARANDELA 340X 84X45	1	10083350
16	N7050170	BUJE	1	10083798
17	N7050180	ARANDELA	1	10083304
18	N7201710	TORNILLO M8X35	1	10083356
19	N7050250	PROTECTOR POSTERIOR SILENCIADOR	1	10079550
20	N7050280	PLATINA SUPERIOR MOFLE	1	10083511

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

- 1**: Main body of the vacuum cleaner.
- 2**: Motor unit.
- 3**: Screws for the motor unit.
- 4**: Screws for the main body.
- 5**: Screws for the main body.
- 6**: Screws for the main body.
- 7**: Yellow rectangular filter.
- 8**: Blue flexible hose.
- 9**: Blue flexible hose.
- 10**: Purple circular filter.
- 11**: White circular filter.
- 12**: Motor unit.
- 13**: Screws for the motor unit.
- 14**: Green circular filter.
- 15**: Brown elbow connector.
- 16**: Purple elbow connector.
- 17**: Screws for the motor unit.
- 18**: Purple circular filter.

TVS 

This exploded view diagram illustrates the assembly of a vehicle chassis. The central component is a blue rectangular frame (5). To its left is a large, gold-colored triangular structure (1). Above the frame is a yellow engine or motor unit (6). To the right of the frame is a complex grey mechanical assembly (11). Various pipes and hoses are shown: a red L-shaped pipe (22), a purple curved pipe (18), and a yellow curved pipe (25). Numerous small fasteners, including bolts (2, 3, 4, 10, 12, 13, 14, 17, 20, 21, 23, 26, 27, 28), washers (8, 9, 15, 16), and nuts (7), are shown in their respective assembly positions. A dashed box at the bottom indicates a sub-assembly of small components (24, 26, 27, 28).



[illegible]

FIGURA N° 15: TANQUE COMBUSTIBLE (1/2)

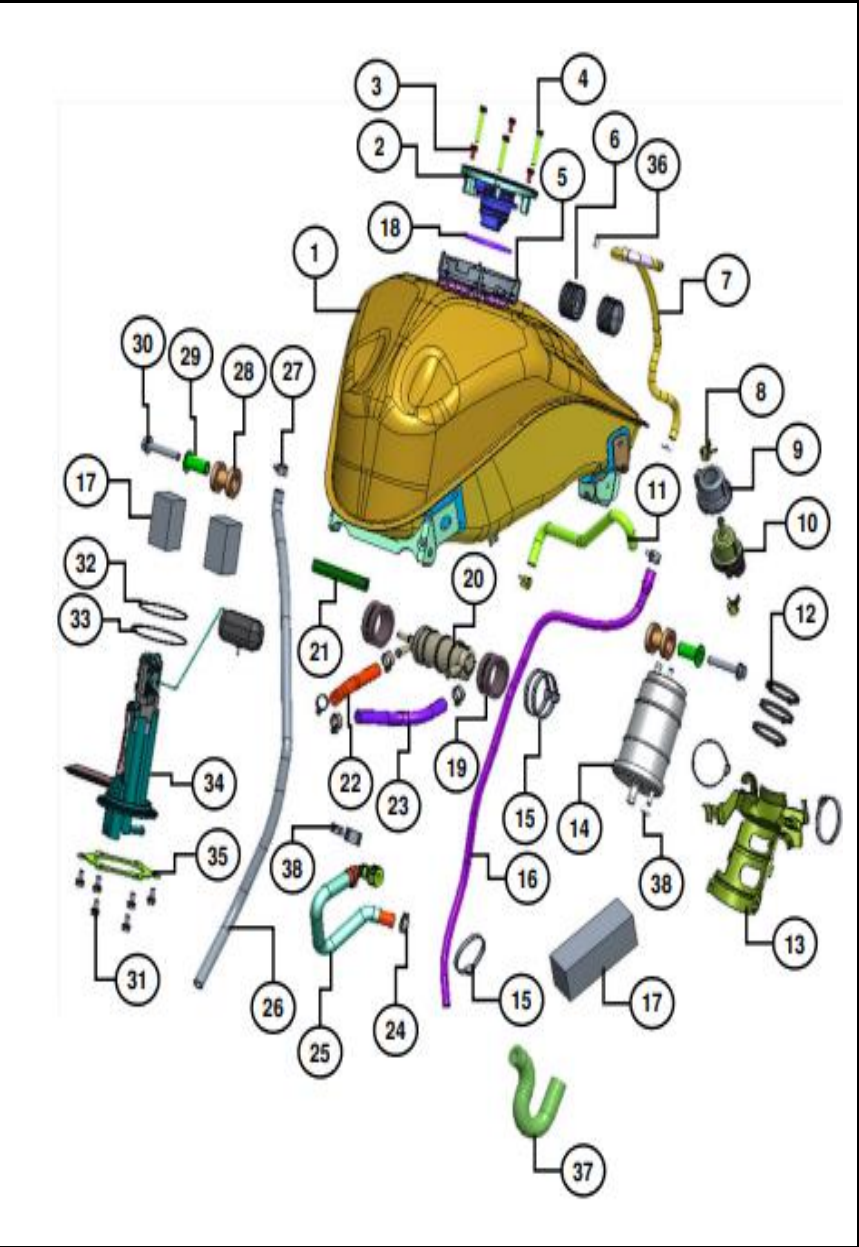


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NB140029	TANQUE COMBUSTIBLE	1	10090861
2	N7150410	TAPA TANQUE COMBUSTIBLE	1	10090980
3	N7202040	TORNILLO ALLEN M5X14	4	10082808
4	N7202240	TORNILLO M5X30	3	10081632
5	NB140060	ANEXO TAPA TANQUE	1	10090981
6	NB220420	ANTIVIBRANTE	2	10090982
7	NB140180	MANGUERA VALVULA ALIVIO	1	10090983
8	R1040460	SEGURO CONDUCTO FILTRO AIRE	2	10081469
9	NF160690	PROTECTOR VALVULA PURGA	1	10090701
10	N7060210	VALVULA PURGADO	1	10081301
11	N7140420	MANGUERA VALVULA	1	10083661
12	N7201470	ABRAZADERA	3	10080103
13	N7140510	SOPORTE CANISTER	1	10090984
14	NB140260	CANISTER	1	10090862
15	N7160620	ABRAZADERA	3	10080953
16	NB140280	MANGUERA DRENAJE CANISTER	1	10083660
17	N7225500	ANTIVIBRANTE TANQUE COMBUSTIBLE	4	10090985
18	N9200550	O RING 5700 300 TAPA TANQUE	1	10080820
19	N7140240	CUBIERTA JEBE-FILTRO COMB.	2	10080759
20	N9142140	FILTRO COMBUSTIBLE	2	10079585
21	NB160110	ANTIVIBRANTE	1	10090986
22	NB140150	MANGUERA FILTRO	1	10090987
23	NB140140	MANGUERA	1	10090988
24	NB140110	ABRAZADERA D:120	5	10082857

This diagram illustrates the exploded view of a motorcycle engine and chassis assembly. The central component is the engine block (1), which is surrounded by various parts including the cylinder head (2), piston (3), connecting rod (4), and crankshaft (5). The engine is mounted on a frame (6) and is connected to a transmission (7) and a rear wheel (8). The front wheel (9) is also shown. The diagram includes numerous other components such as the fuel system (10, 11, 12), cooling system (13, 14, 15), and various fasteners and seals (16-38). The parts are numbered 1 through 38, corresponding to the list of parts provided in the adjacent table.



FIGURA N° 16: FAROLA (1/2)

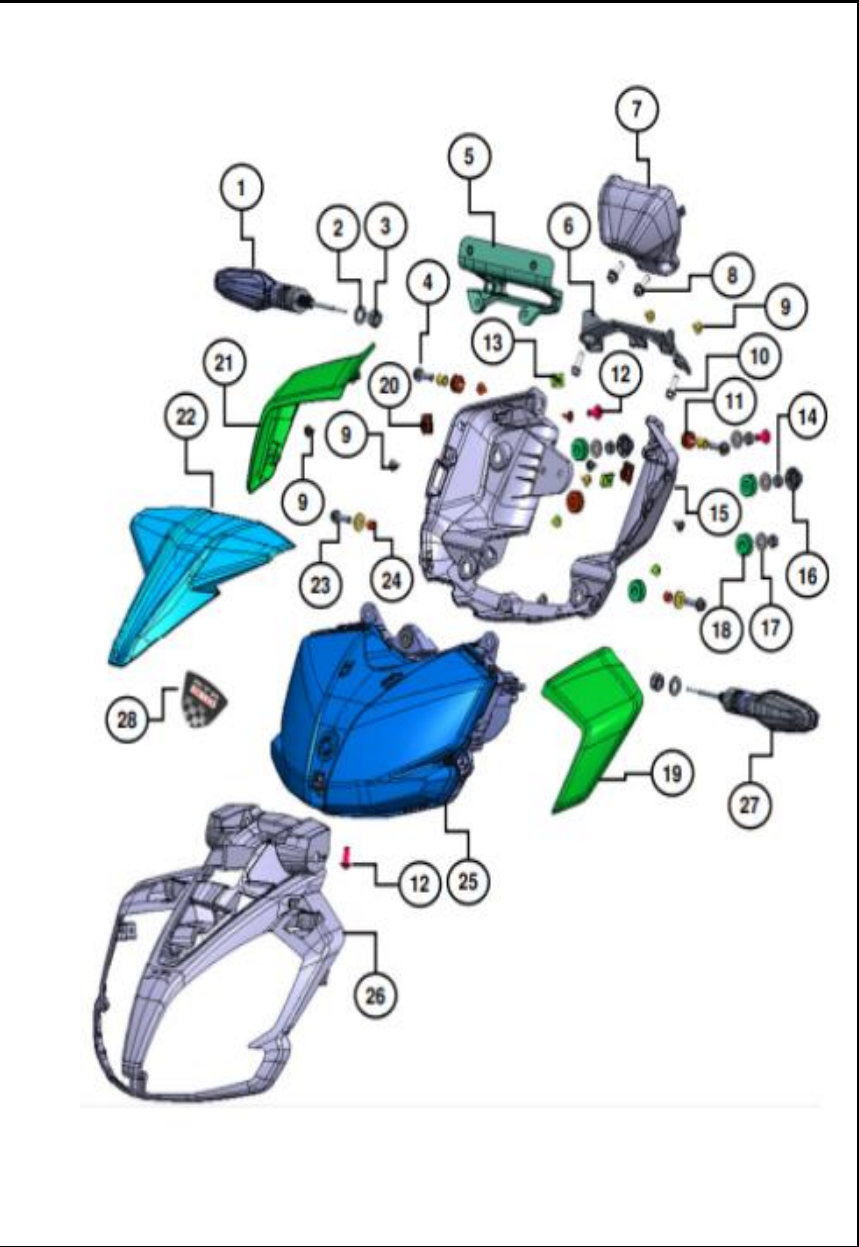


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NF229290	DIRECCIONAL DELANTERA DERECHA	1	10090255
2	330328	ARANDELA M10	2	10080853
3	334038	TUERCA HEXAGONAL M6	2	10081175
4	N7200880	TORNILLO M6X16	4	10083338
5	N7224240	PLATINA SOPORTE FRONTAL	1	
6	N7225280	CUBIERTA TRASERA FAROLA	1	10090994
7	N7224230	CARACA VELOCIMETRO	1	10090995
8	N7201260	TORNILLO M5X12	4	10083343
9	N3200340	TORNILLO ESTRELLA M4.2X13	12	10081096
10	NB200060	TORNILLO M5X20	4	10082861
11	NB220980	ANTIVIBRANTE	4	10090996
12	332275	TORNILLO M6 X 16 6.8	3	10083711
13	7130020	TUERCA CUBIERTA CENTRAL	3	10082666
14	420305700	TORNILLO M6 8	4	10081578
15	N7221930	CUBIERTA SOPORTE FAROLA	1	10090997
16	N7225290	TUERCA TAPON	2	10090998
17	335608	ARANDELA 6,5x16x1,2	4	10090999
18	N3120130	ANTIVIBRANTE	5	10080275
19	N7223680BR	CUBIERTA FAROLA DERECHA AMARILLA	1	10091000
19A	N72236802D	CUBIERTA FAROLA DERECHA GRIS	1	10091001
20	K3200840	CLIP TORNILLO M6	2	10080108

This exploded view diagram illustrates the assembly of a power tool, likely a trimmer or brushcutter. The components are numbered 1 through 28. The main body is shown in blue (25), with various guards and covers in green (5, 6, 19, 21, 22) and cyan (23). The cutting head assembly is shown in grey (26). The diagram includes numerous screws, bolts, and washers (9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 24) and two power tools (1, 27) used for assembly. A red arrow points to the connection between the main body (25) and the cutting head (26).

TVS 

This diagram illustrates the assembly of a motorcycle seat. The components are labeled as follows:

- 1** and **1A**: The main seat cushion, shown in red with a green base.
- 2**: Screws used for mounting the seat to the frame.
- 3**: The seat base or shell, shown in light blue.
- 4**: A small, curved brown component, likely a backrest or side panel.
- 5** and **6**: Screws used for mounting the seat base to the frame.

TVS 

FIGURA N° 18: MANUBRIO - VELOCIMETRO (1/2)

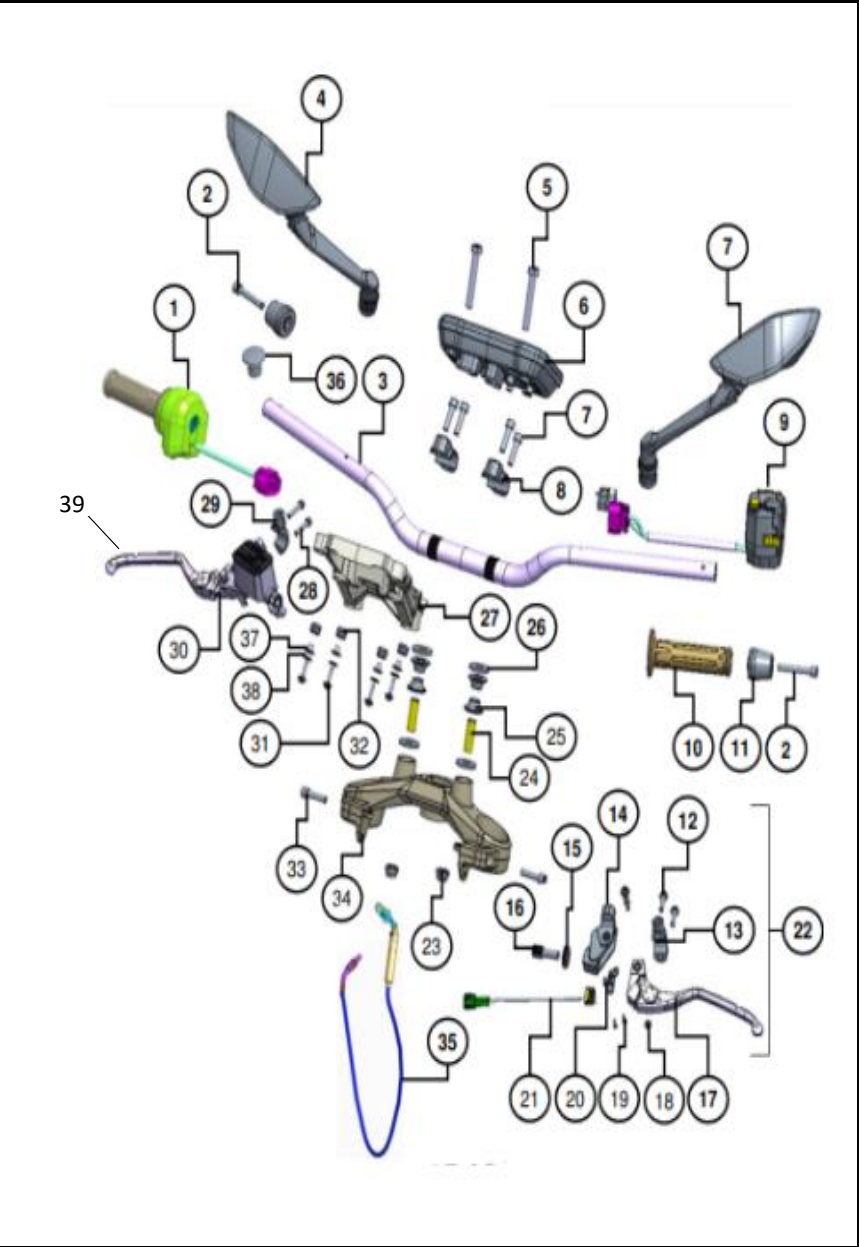


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7150600	MANILAR ACELERADOR	1	10090870
2	NB200430	TORNILLO HEXAGONAL M8 50	2	10091011
3	N7150340	MANUBRIO	1	10090899
4	N7222190	ESPEJO DERECHO	1	10090810
5	N7150180	TORNILLO	2	10091012
6	N7161010	VELOCIMETRO TFT	1	10090866
7	N7222180	ESPEJO IZQUIERDO	1	10090809
8	N7150400	SOPORTE MANUBRIO SUPERIOR	2	10091013
9	N7161060	COMANDO IZQUIERDO	1	10090869
10	NB150150	MANILAR IZQUIERDO	1	10078666
11	NB150090	PESA MANUBRIO	2	10091014
12	NB200090	TORNILLO M6X25	2	10083413
13	---	ABRAZADERA MANUBRIO(LLEGA CON REF. #22)	1	
14	N7150570	SOPORTE LEVA CLUTCH	1	10090871
15	N7150160	ANILLO RETEN	1	10083640
16	N7150150	TORNILLO AJUSTE	1	10083331
17	N7150580	LEVA CLUTCH	1	10090868
18	NB200110	TUERCA M5	1	10082863
19	NB200100	TORNILLO M3X10	2	10082862
20	NB150120	SOPORTE INTERRUPTOR	1	10083409
21	N7160360	SWICHE CLUTCH	1	10080142
22	N7150590	SOPORTE Y LEVA CLUTCH	1	10090872
23	NB200130	TUERCA M10 X 1.25	2	10091015
24	NB150110	BUJE	2	10091016

This diagram illustrates the assembly of a motorcycle engine and chassis. The components are numbered as follows:

- Engine and Drive Components:** 1 (Green clutch lever), 2 (Clutch cable), 3 (Clutch housing), 4 (Clutch lever), 5 (Crankshaft), 6 (Crankcase), 7 (Cylinder head), 8 (Piston), 9 (Crankshaft), 10 (Crankcase), 11 (Cylinder head), 12 (Piston), 13 (Crankshaft), 14 (Crankcase), 15 (Cylinder head), 16 (Piston), 17 (Crankshaft), 18 (Crankcase), 19 (Cylinder head), 20 (Piston), 21 (Crankshaft).
- Chassis and Frame Components:** 22 (Frame), 23 (Seat), 24 (Seat base), 25 (Seat backrest), 26 (Seat base), 27 (Seat backrest), 28 (Seat base), 29 (Seat backrest), 30 (Seat base), 31 (Seat backrest), 32 (Seat base), 33 (Seat backrest), 34 (Seat base), 35 (Seat backrest), 36 (Seat base), 37 (Seat backrest), 38 (Seat base), 39 (Seat backrest).
- Other Components:** 3 (Clutch housing), 4 (Clutch lever), 5 (Crankshaft), 6 (Crankcase), 7 (Cylinder head), 8 (Piston), 9 (Crankshaft), 10 (Crankcase), 11 (Cylinder head), 12 (Piston), 13 (Crankshaft), 14 (Crankcase), 15 (Cylinder head), 16 (Piston), 17 (Crankshaft), 18 (Crankcase), 19 (Cylinder head), 20 (Piston), 21 (Crankshaft), 22 (Frame), 23 (Seat), 24 (Seat base), 25 (Seat backrest), 26 (Seat base), 27 (Seat backrest), 28 (Seat base), 29 (Seat backrest), 30 (Seat base), 31 (Seat backrest), 32 (Seat base), 33 (Seat backrest), 34 (Seat base), 35 (Seat backrest), 36 (Seat base), 37 (Seat backrest), 38 (Seat base), 39 (Seat backrest).



FIGURA N° 19: CHASIS (1/2)

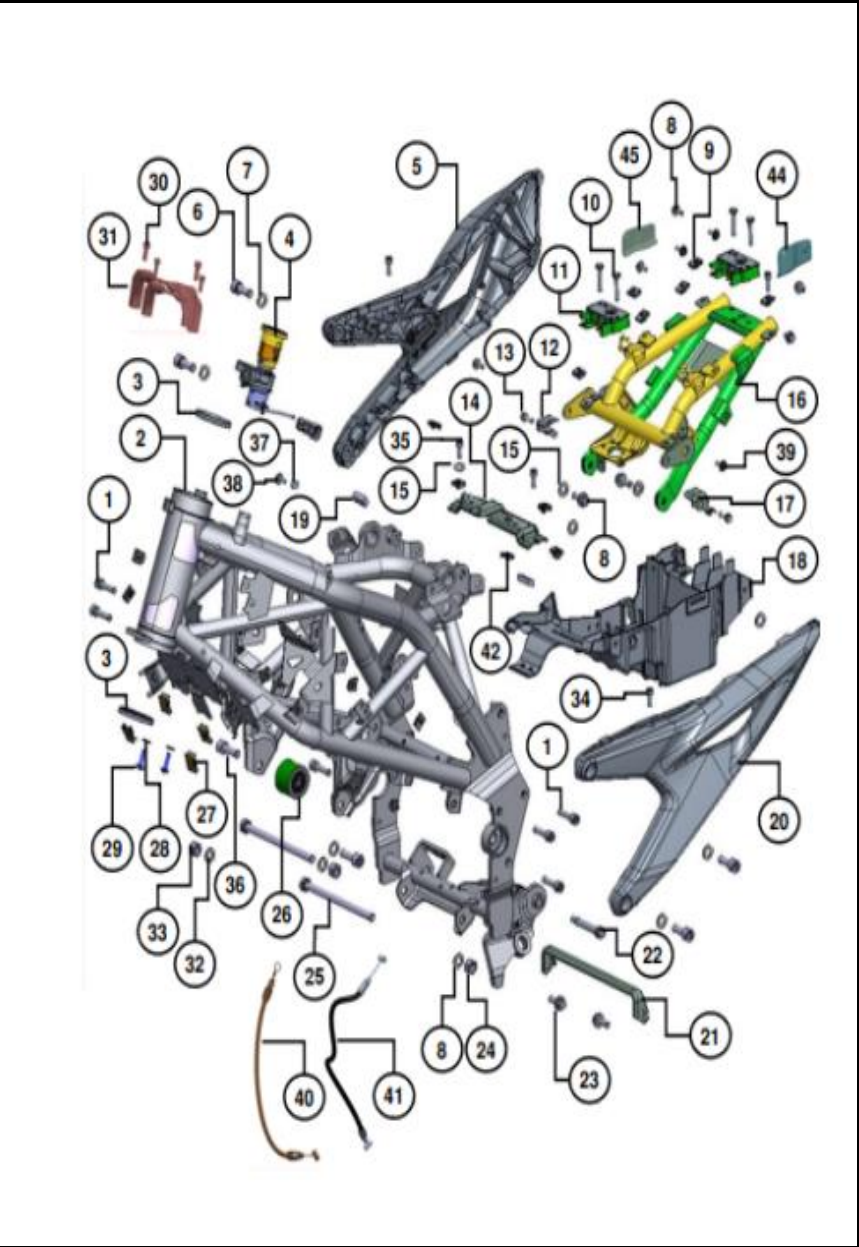


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7201920	TORNILLO M8X30	6	10082807
3	NB320160	KIT CUNAS DIRECCION	2	10081343
4	N7150410	SWICHE ENCENDIDO	1	10090980
5	N7122320	CUBIERTA CHASIS TRASERA DERECHA	1	10091022
6	N7202100	TORNILLO M10X25	2	10082809
7	N7201830	ARANDELA 10.5X18X1.6	8	10082805
8	R1200310	TORNILLO M8X20	6	10082875
9	S1200700	TUERCA PLATINA INFERIOR CARENAJE	6	10081172
10	N3200190	TORNILLO HEXAGONO M6X30	4	10079702
11	N7150170	SEGURO SILLIN TRASERO	2	10079491
12	N7122370	SOPORTE DERECHO SILLIN	1	10091023
13	M1200520	TORNILLO CAMPANA M6X16	2	10082181
14	N7122340	SOPORTE SILLIN	1	10091024
15	M1200060	ARANDELA 8.5X18X2.3	6	10080929
16	N7122330	CONJUNTO CHASIS TRASERO	1	10080929
17	N7122360	SOPORTE IZQUIERDO SILLIN	1	10091025
18	N7122180	SOPORTE BATERÍA	1	10091026
19	NB220970	ANTIVIBRANTE	2	10091027
20	N7122100	CUBIERTA CHASIS TRASERA IZQUIERDA	1	10091028
21	N7122350	SOPORTE CHASIS	1	10091029
22	N7202250	TORNILLO M8X50	1	10082813
23	R1200500	TORNILLO HEXAGONAL	2	10082909
24	N7201770	TUERCA M10	2	10082804
25	N7201750	TORNILLO M10X1.5X150	2	10083358

This diagram illustrates the exploded view of a mechanical assembly, likely a vehicle chassis or engine component. The parts are numbered 1 through 45. The assembly includes a central frame (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). Key components include a large central frame (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), a large central frame (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), and various smaller components like bolts, nuts, and washers.



FIGURA N° 20: REPOSAPIÉS IZQUIERDO Y DERECHO (1/2)

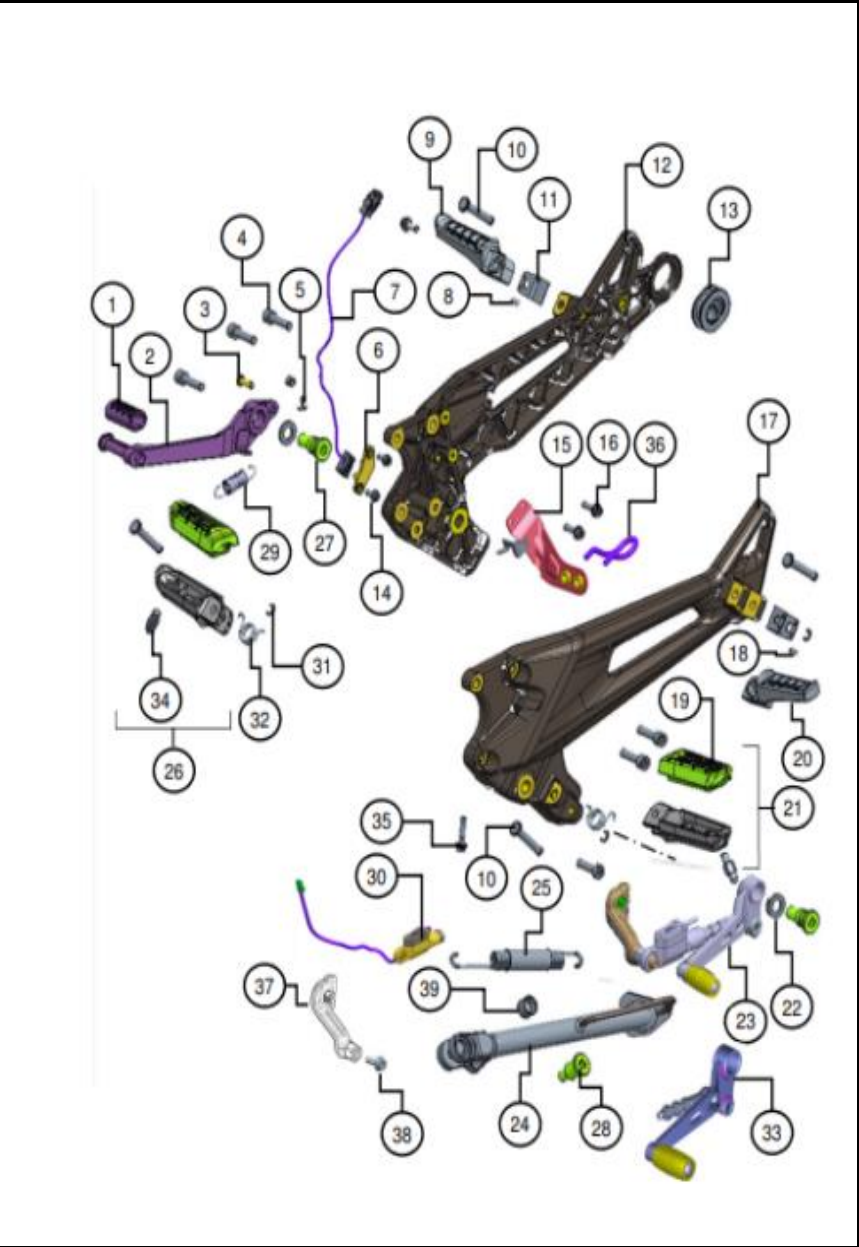


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N9112000	CAUCHO PEDAL FRENO	1	10078278
2	N7110360	PEDAL FRENO	1	10080065
3	N7202050	PIN	1	10083362
4	N7201920	TORNILLO M8X30	6	10082807
5	330048	PIN PASADOR 2.0X20	1	10081727
6	N7121780	SOPORTE SWITCH FRENO TRASERO	1	10083325
7	N7160400	SWITCH FRENO TRASERO	1	10078645
8	3030515	RESORTE	2	10079525
9	N7121750	REPOSAPIE TRASERO DERECHO	1	10080486
10	NB200120	PIN POSAPIE	4	10083414
11	NE120700	PLATINA POSAPIE TRASERO	2	10082872
12	N7122150	SOPORTE REPOSAPIE DERECHO	1	10090897
13	N7050160	BUJE TACO	1	10082742
14	N7201260	TORNILLO M5X12	2	10083343
15	N7051560	SOPORTE AUXILIAR REPOSAPIE	1	10091035
16	N7201640	TORNILLO M6X20X100	2	10083355
17	N7122140	SOPORTE REPOSAPIE IZQUIERDO	1	10090901
18	339204	BALIN REPOSAPIE 7/3	2	10083723
19	N9124050	CAUCHO POSAPIE DELANTERO	2	10078318
20	N7121740	REPOSAPIE TRASERO IZQUIERDO	1	10080098
21	N9123930	REPOSAPIE DELANTERO IZQUIERDO	1	10078310
22	335538	ARANDELA 12,5x22x2,3	1	10079608
23	N7083000	PALANCA CAMBIOS CON TRAPECIOP	1	10091036
24	N7121910	GATO LATERAL	1	10080090
25	N7121130	RESORTE PARADOR	1	10080093

This diagram shows an exploded view of a mechanical assembly, likely a robotic gripper or a similar device. The parts are numbered 1 through 39. The main components include two large, dark-colored plastic arms (17 and 18) that form the gripper's fingers. These arms are connected to a central mechanism via various linkages and joints. Key parts include:

- 17**: The upper arm/finger.
- 18**: The lower arm/finger.
- 19**: A green rectangular component, possibly a sensor or actuator.
- 20**: A black rectangular component, possibly a motor or battery pack.
- 21**: A small black component, possibly a switch or connector.
- 22**: A small green component, possibly a pin or connector.
- 23**: A small purple component, possibly a pin or connector.
- 24**: A long, thin metal rod or shaft.
- 25**: A small grey component, possibly a pin or connector.
- 26**: A small black component, possibly a switch or connector.
- 27**: A small green component, possibly a pin or connector.
- 28**: A small green component, possibly a pin or connector.
- 29**: A small green component, possibly a pin or connector.
- 30**: A small grey component, possibly a pin or connector.
- 31**: A small black component, possibly a switch or connector.
- 32**: A small black component, possibly a switch or connector.
- 33**: A small purple component, possibly a pin or connector.
- 34**: A small black component, possibly a switch or connector.
- 35**: A small grey component, possibly a pin or connector.
- 36**: A small purple component, possibly a pin or connector.
- 37**: A small grey component, possibly a pin or connector.
- 38**: A small grey component, possibly a pin or connector.
- 39**: A small grey component, possibly a pin or connector.

 The diagram also shows various other components like screws, bolts, and connectors, all labeled with numbers from 1 to 39. The assembly is shown in a disassembled state to illustrate the relationship between the parts.



FIGURA N° 21: CUBIERTAS TANQUE COMBUSTIBLE (1/2)

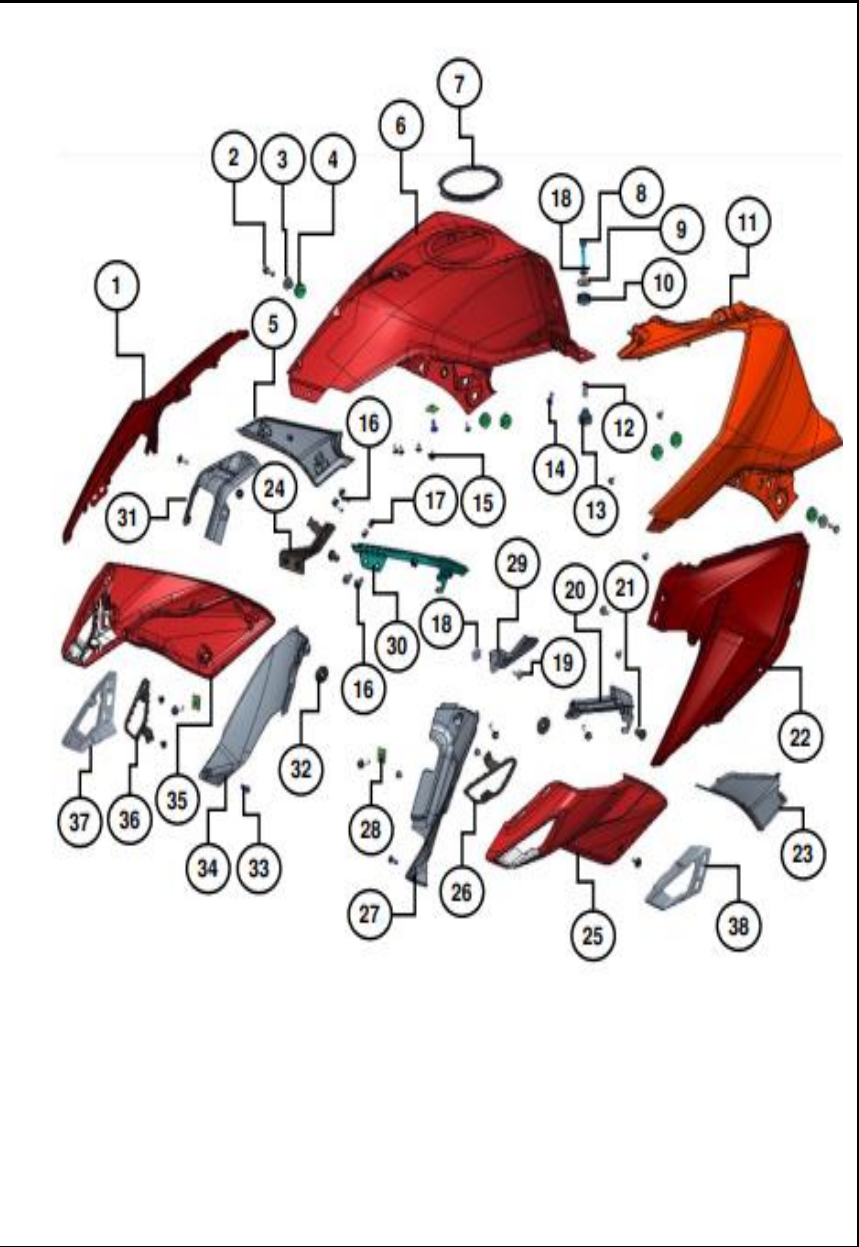


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N72238105D	CUBIERTA TANQUE DERECHA FRONTAL NEGRO	1	10091043
2	M1200610	TORNILLO M6X20	2	10080264
3	N8122610	BUJE	2	10079897
4	N3120130	ANTIVIBRANTE	6	10080275
5	N7223830	CUBIERTA LATERAL TANQUE TRAS. DERECHO	1	10091044
6	N7222070KHB	CUBIERTA TANQUE DERECHA SUP. AMARILLA	1	10091045
6A	N7222070KHC	CUBIERTA TANQUE DERECHA SUP. GRIS	1	10091046
7	N7224430	SELLO EMPAQUE TAPA TANQUE	1	10091047
8	331248	PERNO HEXAGONAL M6 X 1 X 33	1	10079600
9	335876	ARANDELA 6,5 X 24 X 1,6	1	10080855
10	N3140170	JEBE TANQUE COMBUSTIBLE INFERIOR	1	10079696
11	N7222060KHB	CUBIERTA TANQUE IZQUIERDA SUP. AMARILLA	1	10091048
11A	N7222060KHC	CUBIERTA TANQUE IZQUIERDA SUP. GRIS	1	10091049
12	N3140150	BUJE	1	10079694
13	N3140160	ANTIVIBRANTE	1	10079695
14	P3200010	TORNILLO M6X 12	4	10079775
15	N3200340	TORNILLO EST ST M4.2X13	12	10081096
16	N7200880	TORNILLO M6X16	8	10083338
17	420305700	TUERCA HEXAGONAL M6 8	2	10081578
18	420001700	ARANDELA A 6.6	1	10081561
19	N7201610	TORNILLO M5X15	3	10082799
20	N7225220	CUBIERTA DEPOSITO COMBUSTIBLE DEL IZQ	1	10091050
21	N8220500	TAPON SOPORTE	2	10091051

FIGURA N° 21: CUBIERTAS TANQUES COMBUSTIBLE (2/2)

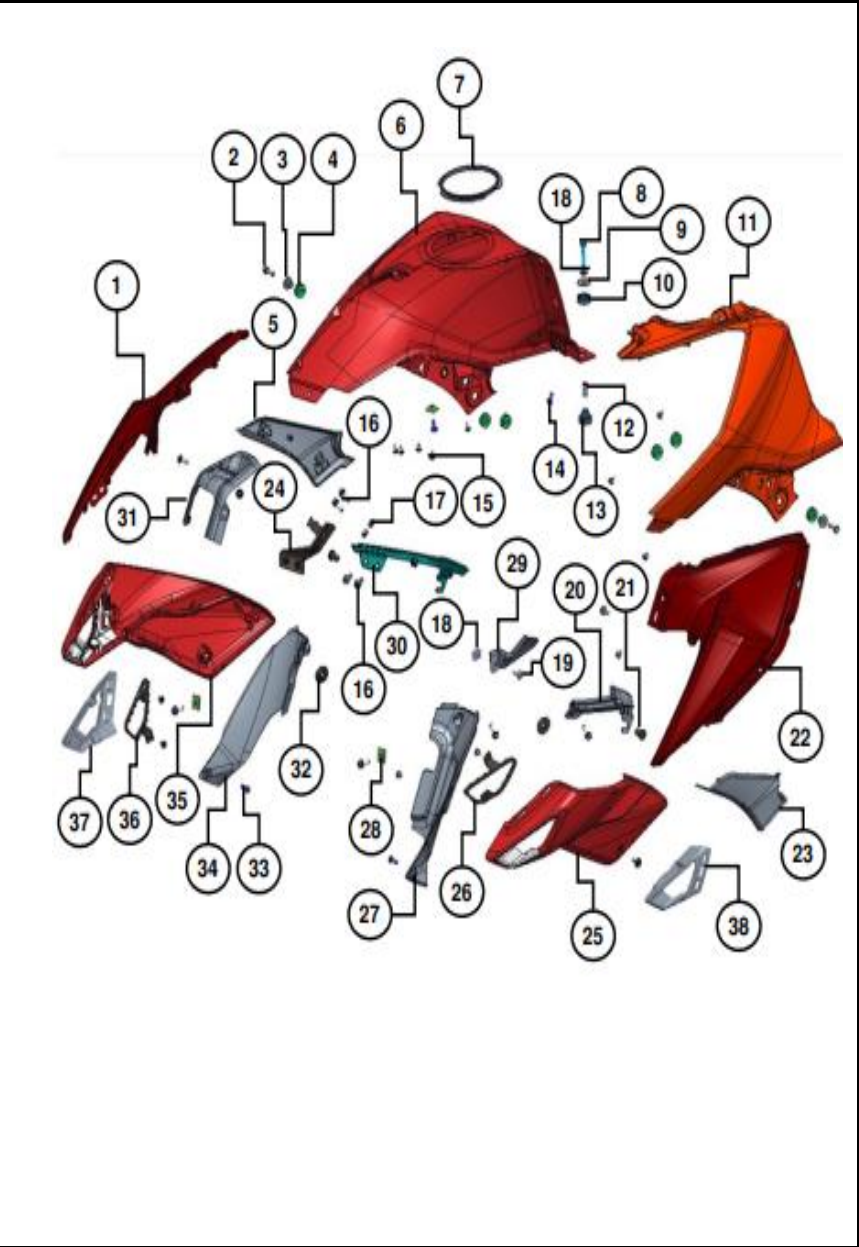


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
22	N72238005D	CUBIERTA TANQUE IZQUIERDA FRONTAL NEGRO	1	10091052
23	N7223820	CUBIERTA DEPOSITO COMBUSTIBLE TRAS IZQ	1	10091053
24	N7224480	SOPORTE CUBIERTA TANQUE DERECHO	1	10091054
25	N72220905DC	TAPA LATERAL IZQUIERDA	1	10091055
26	N7224350	REJILLA TAPA IZQUIERDA	1	10091056
27	N7224060	CUBIERTA TANQUE INTERIOR IZQUIERDA	1	10091057
28	K3200840	CLIP PARA TORNILLO M6	4	10080108
29	N7224470	SOPORTE CUBIERTA TANQUE IZQUIERDO	1	10091058
30	N7225230	CUBIERTA TANQUE INTERIOR DERECHA FRONTAL	1	10091059
31	N7223760	CUBIERTA CENTRAL TANQUE COMBUSTIBLE	1	10091060
32	N8220400	ANTIVIBRANTE	2	10079733
33	331718	TORNILLO M5X1	2	10081364
34	N7224070	CUBIERTA TANQUE INTERIOR DERECHO	1	10091061
35	N72221005DC	TAPA LATERAL DERECHA	1	10091062
36	N7224360	REJILLA TAPA IZQUIERDA	1	10091063
37	N7223789BR	BISEL DERECHO AMARILLO	1	10091064
37A	N72237898F	BISEL DERECHO NEGRO	1	10091065
38	N7224089BR	BISEL IZQUIERDO AMARILLO	1	10091066
38A	N72240898F	BISEL IZQUIERDO NEGRO	1	10091067

FIGURA N° 22: GUARDABARRO DELANTERO - PROTECTOR MOTOR (1/2)



FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	420302700	TUERCA HEXAGONAL M5 8	2	10081577
2	N7224340	REFLECTIVO LATERAL	2	10091068
3	N7223870KH	TAPA RADIADOR DERECHO GRIS	1	10091069
4	N7201620	TORNILLO M5 80 14	4	10083352
5	N7223710BR	GUARDABARRO DELANTERO AMARILLO	1	10091070
5A	N72237102D	GUARDABARRO DELANTERO GRIS	1	10091071
6	N7200880	TORNILLO HEXAGONAL M6 16	8	10083338
7	N7222280	DEFLECTOR DERECHO	1	10091072
8	P3200010	TORNILLO M6x12 6.8	4	10079775
9	N7222270	DEFLECTOR IZQUIERDO	1	10091073
10	N7223860KH	TAPA RADIADOR IZQUIERDO GRIS	1	10091074
11	M7100650	TORNILLO HEXAGONAL	4	10080727
12	M7101020	BUJE	4	10079670
13	N7222170	TAPA PROTECTOR CHASIS DERECHO	1	10091075
14	N7222160	TAPA PROTECTOR CHASIS IZQUIERDO	1	10091076
15	N7220910	SOPORTE MOTOR	1	10083388
16	331058	TORNILLO HEXAGONAL M8x16	2	10082646
17	N7224000	SOPORTE MOTOR IZQUIERDO	1	10091077
18	N7224010	SOPORTE MOTOR DERECHO	1	10091078
19	N7222110BR	PROTECTOR MOTOR IZQUIERDO AMARILLO	1	10091079
19A	N72221102D	PROTECTOR MOTOR IZQUIERDO GRIS	1	10091080

This diagram illustrates the exploded view of a snow blower deck assembly. The components are numbered as follows:

- 1-10:** Upper deck housing and side panels.
- 11-14:** Motor and drive shaft components.
- 15-18:** Drive shaft and PTO assembly.
- 19-25:** Lower deck housing and auger components.
- 26-35:** Various fasteners, bolts, and smaller structural parts.

Two inset photographs show the final assembly:

- 19:** A close-up of the yellow and grey deck housing.
- 30:** A close-up of the yellow and grey deck housing with the auger assembly installed.

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FIGURA N° 23: CUBIERTA SILLIN - STOP

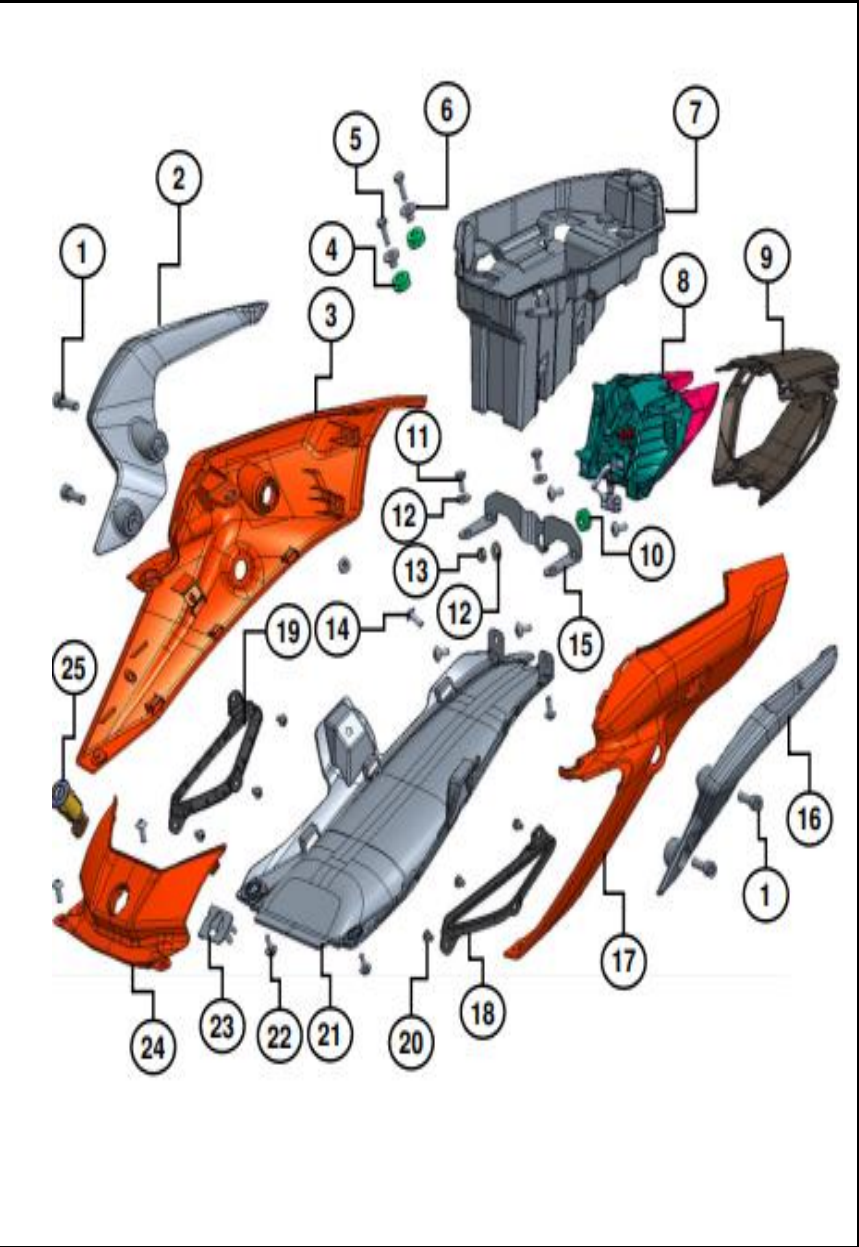


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	M7100650	TORNILLO HEX SOC	4	10080727
2	N72242895D	AGARRADERA TRASERA DER. NEGRO MATE	1	10091088
3	N72242195D	CUBIERTA SILLIN DERECHA	1	10091089
4	N3120130	ANTIVIBRANTE	2	10080275
5	M1200610	TORNILLO HEX M6X20	2	10080264
6	N8122610	ARANDELA	2	10079897
7	N7224150	CAJA HERRAMIENTAS	1	10091090
8	N7221920	STOP LED	1	10090859
9	N72242205D	CUBIERTA STOP	1	10091091
10	N5120820	ANTIVIBRANTE	1	10079484
11	P200310	TORNILLO HEX M6X12	2	10080844
12	335608	ARANDELA 6.5X16X1.2	3	10090999
13	420305700	TUERCA HEXAGONAL M6 8 ZNB	1	10081578
14	332275	TORNILLO M6X16	6	10082650
15	N7224270	SOPORTE STOP	1	10091092
16	N72222195D	AGARRADERA TRASERA IZQ. NEGRO MATE	1	10091093
17	N72242095D	CUBIERTA SILLIN IZQUIERDA	1	10091094
18	N7224390	REJILLA CHASIS IZQUIERDO	1	10091095
19	N7224400	REJILLA CHASIS DERECHO	1	10091096
20	332028	TORNILLO M5X8 6.8	6	10082215
21	N7223980	CUBIERTA TRASERA INTERNA	1	10091097
22	N7201610	TORNILLO HEX M5 15 080	2	10082799
23	NB120690	SOPOPRTE BLOQUEO ASIENTO	1	10083407
24	N72240995D	CUBIERTA CENTRAL	1	10091098
25	N7150410	SWITCH ENCENDIDO	1	10090980

This exploded view diagram illustrates the assembly of a power tool, likely a trimmer head. The components are numbered 1 through 22. The assembly includes a main housing (6), a motor or battery pack (9), a trigger switch (7), a safety lock (8), a cutting head (5), a guard (12), a switch lever (13), a trigger switch lever (14), a trigger switch lever pin (15), a trigger switch lever spring (16), a trigger switch lever pin (17), a trigger switch lever spring (18), a trigger switch lever pin (19), a trigger switch lever spring (20), a trigger switch lever pin (21), and a trigger switch lever spring (22). The diagram shows the spatial relationship between these parts, indicating how they fit together.

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[illegible]

This diagram illustrates the exploded view of a mechanical assembly, with components numbered 1 through 28. The assembly includes a central vertical shaft (13) and a horizontal shaft (22). A purple elbow joint (8) connects the horizontal shaft to a vertical shaft (10). A green bracket (15) is attached to the bottom of the central shaft. A red spring (14) is connected to a purple rod (27) and a blue rod (24). A yellow rod (16) is also shown. Various nuts, washers, and seals are labeled with numbers 1 through 7, 9, 11, 12, 17, 18, 19, 20, 21, 23, 25, 26, and 28. A dashed line indicates the assembly path for the central shaft and its components.



This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The parts are numbered 1 through 28. The assembly includes a main vertical shaft (13) with a green bracket (15) at the bottom. A purple bracket (9) is positioned above the shaft. A blue shaft (10) and a yellow shaft (16) are shown on the left. A red shaft (14) with a red spring (14) is on the right. A green shaft (27) is also shown. The diagram shows the relative positions of various seals, O-rings, and nuts that fit onto the shafts. A bracket (28) groups components 4 through 7. A bracket (23) groups components 17 through 21. A bracket (25) groups components 24 and 26. A bracket (27) groups components 24 and 26. A bracket (24) groups components 24 and 26. A bracket (26) groups components 24 and 26. A bracket (27) groups components 24 and 26. A bracket (25) groups components 24 and 26. A bracket (23) groups components 17 through 21. A bracket (28) groups components 4 through 7. A bracket (9) groups components 9 and 15. A bracket (10) groups components 10 and 16. A bracket (13) groups components 13 and 15. A bracket (14) groups components 14 and 16. A bracket (15) groups components 15 and 17. A bracket (16) groups components 16 and 18. A bracket (17) groups components 17 and 19. A bracket (18) groups components 18 and 20. A bracket (19) groups components 19 and 21. A bracket (20) groups components 20 and 22. A bracket (21) groups components 21 and 23. A bracket (22) groups components 22 and 24. A bracket (23) groups components 23 and 25. A bracket (24) groups components 24 and 26. A bracket (25) groups components 25 and 27. A bracket (26) groups components 26 and 28. A bracket (27) groups components 27 and 29. A bracket (28) groups components 28 and 30. A bracket (29) groups components 29 and 31. A bracket (30) groups components 30 and 32. A bracket (31) groups components 31 and 33. A bracket (32) groups components 32 and 34. A bracket (33) groups components 33 and 35. A bracket (34) groups components 34 and 36. A bracket (35) groups components 35 and 37. A bracket (36) groups components 36 and 38. A bracket (37) groups components 37 and 39. A bracket (38) groups components 38 and 40. A bracket (39) groups components 39 and 41. A bracket (40) groups components 40 and 42. A bracket (41) groups components 41 and 43. A bracket (42) groups components 42 and 44. A bracket (43) groups components 43 and 45. A bracket (44) groups components 44 and 46. A bracket (45) groups components 45 and 47. A bracket (46) groups components 46 and 48. A bracket (47) groups components 47 and 49. A bracket (48) groups components 48 and 50. A bracket (49) groups components 49 and 51. A bracket (50) groups components 50 and 52. A bracket (51) groups components 51 and 53. A bracket (52) groups components 52 and 54. A bracket (53) groups components 53 and 55. A bracket (54) groups components 54 and 56. A bracket (55) groups components 55 and 57. A bracket (56) groups components 56 and 58. A bracket (57) groups components 57 and 59. A bracket (58) groups components 58 and 60. A bracket (59) groups components 59 and 61. A bracket (60) groups components 60 and 62. A bracket (61) groups components 61 and 63. A bracket (62) groups components 62 and 64. A bracket (63) groups components 63 and 65. A bracket (64) groups components 64 and 66. A bracket (65) groups components 65 and 67. A bracket (66) groups components 66 and 68. A bracket (67) groups components 67 and 69. A bracket (68) groups components 68 and 70. A bracket (69) groups components 69 and 71. A bracket (70) groups components 70 and 72. A bracket (71) groups components 71 and 73. A bracket (72) groups components 72 and 74. A bracket (73) groups components 73 and 75. A bracket (74) groups components 74 and 76. A bracket (75) groups components 75 and 77. A bracket (76) groups components 76 and 78. A bracket (77) groups components 77 and 79. A bracket (78) groups components 78 and 80. A bracket (79) groups components 79 and 81. A bracket (80) groups components 80 and 82. A bracket (81) groups components 81 and 83. A bracket (82) groups components 82 and 84. A bracket (83) groups components 83 and 85. A bracket (84) groups components 84 and 86. A bracket (85) groups components 85 and 87. A bracket (86) groups components 86 and 88. A bracket (87) groups components 87 and 89. A bracket (88) groups components 88 and 90. A bracket (89) groups components 89 and 91. A bracket (90) groups components 90 and 92. A bracket (91) groups components 91 and 93. A bracket (92) groups components 92 and 94. A bracket (93) groups components 93 and 95. A bracket (94) groups components 94 and 96. A bracket (95) groups components 95 and 97. A bracket (96) groups components 96 and 98. A bracket (97) groups components 97 and 99. A bracket (98) groups components 98 and 100. A bracket (99) groups components 99 and 101. A bracket (100) groups components 100 and 102. A bracket (101) groups components 101 and 103. A bracket (102) groups components 102 and 104. A bracket (103) groups components 103 and 105. A bracket (104) groups components 104 and 106. A bracket (105) groups components 105 and 107. A bracket (106) groups components 106 and 108. A bracket (107) groups components 107 and 109. A bracket (108) groups components 108 and 110. A bracket (109) groups components 109 and 111. A bracket (110) groups components 110 and 112. A bracket (111) groups components 111 and 113. A bracket (112) groups components 112 and 114. A bracket (113) groups components 113 and 115. A bracket (114) groups components 114 and 116. A bracket (115) groups components 115 and 117. A bracket (116) groups components 116 and 118. A bracket (117) groups components 117 and 119. A bracket (118) groups components 118 and 120. A bracket (119) groups components 119 and 121. A bracket (120) groups components 120 and 122. A bracket (121) groups components 121 and 123. A bracket (122) groups components 122 and 124. A bracket (123) groups components 123 and 125. A bracket (124) groups components 124 and 126. A bracket (125) groups components 125 and 127. A bracket (126) groups components 126 and 128. A bracket (127) groups components 127 and 129. A bracket (128) groups components 128 and 130. A bracket (129) groups components 129 and 131. A bracket (130) groups components 130 and 132. A bracket (131) groups components 131 and 133. A bracket (132) groups components 132 and 134. A bracket (133) groups components 133 and 135. A bracket (134) groups components 134 and 136. A bracket (135) groups components 135 and 137. A bracket (136) groups components 136 and 138. A bracket (137) groups components 137 and 139. A bracket (138) groups components 138 and 140. A bracket (139) groups components 139 and 141. A bracket (140) groups components 140 and 142. A bracket (141) groups components 141 and 143. A bracket (142) groups components 142 and 144. A bracket (143) groups components 143 and 145. A bracket (144) groups components 144 and 146. A bracket (145) groups components 145 and 147. A bracket (146) groups components 146 and 148. A bracket (147) groups components 147 and 149. A bracket (148) groups components 148 and 150. A bracket (149) groups components 149 and 151. A bracket (150) groups components 150 and 152. A bracket (151) groups components 151 and 153. A bracket (152) groups components 152 and 154. A bracket (153) groups components 153 and 155. A bracket (154) groups components 154 and 156. A bracket (155) groups components 155 and 157. A bracket (156) groups components 156 and 158. A bracket (157) groups components 157 and 159. A bracket (158) groups components 158 and 160. A bracket (159) groups components 159 and 161. A bracket (160) groups components 160 and 162. A bracket (161) groups components 161 and 163. A bracket (162) groups components 162 and 164. A bracket (163) groups components 163 and 165. A bracket (164) groups components 164 and 166. A bracket (165) groups components 165 and 167. A bracket (166) groups components 166 and 168. A bracket (167) groups components 167 and 169. A bracket (168) groups components 168 and 170. A bracket (169) groups components 169 and 171. A bracket (170) groups components 170 and 172. A bracket (171) groups components 171 and 173. A bracket (172) groups components 172 and 174. A bracket (173) groups components 173 and 175. A bracket (174) groups components 174 and 176. A bracket (175) groups components 175 and 177. A bracket (176) groups components 176 and 178. A bracket (177) groups components 177 and 179. A bracket (178) groups components 178 and 180. A bracket (179) groups components 179 and 181. A bracket (180) groups components 180 and 182. A bracket (181) groups components 181 and 183. A bracket (182) groups components 182 and 184. A bracket (183) groups components 183 and 185. A bracket (184) groups components 184 and 186. A bracket (185) groups components 185 and 187. A bracket (186) groups components 186 and 188. A bracket (187) groups components 187 and 189. A bracket (188) groups components 188 and 190. A bracket (189) groups components 189 and 191. A bracket (190) groups components 190 and 192. A bracket (191) groups components 191 and 193. A bracket (192) groups components 192 and 194. A bracket (193) groups components 193 and 195. A bracket (194) groups components 194 and 196. A bracket (195) groups components 195 and 197. A bracket (196) groups components 196 and 198. A bracket (197) groups components 197 and 199. A bracket (198) groups components 198 and 200. A bracket (199) groups components 199 and 201. A bracket (200) groups components 200 and 202. A bracket (201) groups components 201 and 203. A bracket (202) groups components 202 and 204. A bracket (203) groups components 203 and 205. A bracket (204) groups components 204 and 206. A bracket (205) groups components 205 and 207. A bracket (206) groups components 206 and 208. A bracket (207) groups components 207 and 209. A bracket (208) groups components 208 and 210. A bracket (209) groups components 209 and 211. A bracket (210) groups components 210 and 212. A bracket (211) groups components 211 and 213. A bracket (212) groups components 212 and 214. A bracket (213) groups components 213 and 215. A bracket (214) groups components 214 and 216. A bracket (215) groups components 215 and 217. A bracket (216) groups components 216 and 218. A bracket (217) groups components 217 and 219. A bracket (218) groups components 218 and 220. A bracket (219) groups components 219 and 221. A bracket (220) groups components 220 and 222. A bracket (221) groups components 221 and 223. A bracket (222) groups components 222 and 224. A bracket (223) groups components 223 and 225.



This diagram illustrates the exploded view of a mechanical assembly, with components numbered 1 through 28. The assembly includes a central vertical shaft (13) and a horizontal shaft (24). Key components include:

- Shafts and Tubes:** A long blue shaft (10), a yellow shaft (16), a green shaft (15), a brown shaft (13), and a yellow tube (22).
- Fasteners and Seals:** A series of seals and washers (2, 3, 4, 5, 6, 7) at the top; a green seal (21) and other fasteners (17, 18, 19, 20) at the bottom.
- Structural Components:** A purple T-junction (9), a green bracket (15), and a red spring (14).
- Other Parts:** A blue cap (25), a green cap (26), a purple tube (27), a red cap (28), and a green cap (23).

 Dashed lines indicate the assembly path for various sub-components.



FIGURA N° 26: BOMBA FRENO DELANTERA

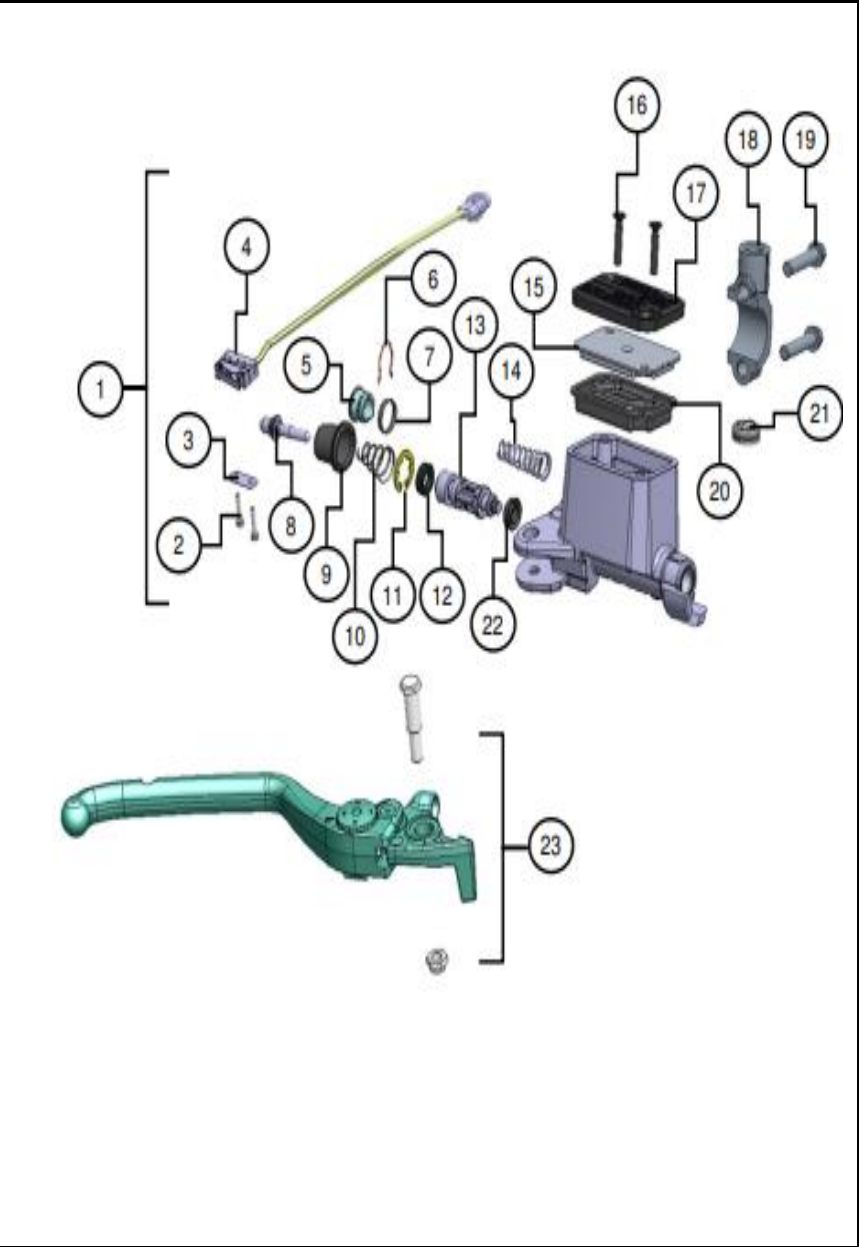


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	NB110450	BOMBA FRENO DELANTERA	1	10090867
2	NB320550	TORNILLO HEXAGONAL (LLEGA EN KIT)	1	10084304
3	NB320550	SOPORTE SWITCH (LLEGA EN KIT)	1	10084304
4	NB320550	SWITCH STOP (LLEGA EN KIT)	1	10084304
5	NB320510	VIDRIO BOMBA (LLEGA EN KIT)	1	10082213
6	NB320510	CLIP (LLEGA EN KIT)	1	10082213
7	NB320510	O RING (LLEGA EN KIT)	1	10082213
8	NB320560	PISTON BOMBA	1	10091115
9	NB320540	ANTIVIBRANTE PISTON	1	10091116
10	NB320580	RESORTE	1	10091117
11	---	CLIP (LLEGA CON LA BOMBA)	1	
12	---	RETEN (LLEGA CON LA BOMBA)	1	
13	---	PISTÓN (LLEGA CON LA BOMBA)	1	
14	---	MUELLE PISTÓN	1	
15	NB320520	PLATINA DIAFRAGMA (LLEGA EN KIT)	1	10081345
16	NB320520	TORNILLO PLANO, KIT TAPÓN DEPÓSITO DEL.	1	10081345
17	NB320520	TORNILLO TAPA RESERVORIO (LLEGA EN KIT)	1	10081345
18	NB320570	ABRAZADERA BOMBA (LLEGA EN KIT)	1	10083418
19	NB200160	TORNILLO HEXAGONAL M6X25 (LLEGA EN KIT)	2	10083415
20	NB320520	DIAFRAGMA (LLEGA EN KIT)	1	10081345
21	---	SISTEMA ANTIBURBUJAS (LLEGA CON LA BOMBA)	1	
22	---	RETEN SELLO (LLEGA CON LA BOMBA)	1	
23	NB321300	LEVA FRENO DELANTERA	1	10090877

FIGURA N° 27: BOMBA FRENO TRASERA

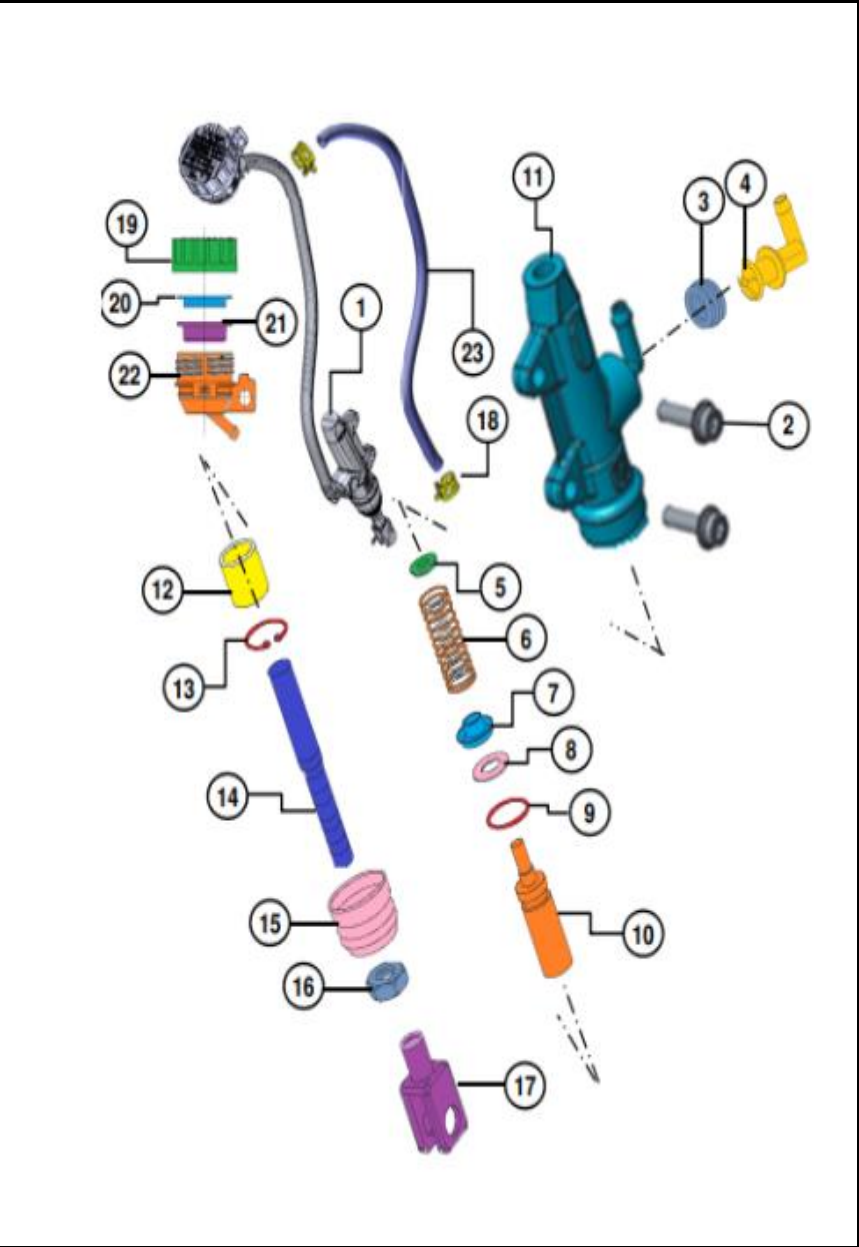


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7110380	BOMBA FRENO TRASERA	1	10082193
2	N7201640	TORNILLO HEXAGONAL M6 20 100	2	10083355
3	N7320090	CONECTOR (LLEGA EN KIT)	1	10079561
4	N7320090	BUJELLEGA EN KIT)	1	10079561
5	N7320090	GUÍA MUELLE (LLEGA EN KIT)	1	10079561
6	N7320090	RESORTE (LLEGA EN KIT)	1	10079561
7	N7320090	RETEN PRIMARIO (LLEGA EN KIT)	1	10079561
8	N7320090	ARANDELA PRIMARIA (LLEGA EN KIT)	1	10079561
9	N7320090	O RING (LLEGA EN KIT)	1	10079561
10	N7320090	PISTON D:12 (LLEGA EN KIT)	1	10079561
11	N7320090	CUERPO CILINDRO TRASERO (LLEGA EN KIT)	1	10079561
12	N7320090	BUJE (LLEGA EN KIT)	1	10079561
13	N7320090	CIRCLIP (LLEGA EN KIT)	1	10079561
14	NB320530	BUJE (LLEGA EN KIT)	1	10081346
15	NB320530	ANTIVIBRANTE (LLEGA EN KIT)	1	10081346
16	NB320530	TUERCA BLOQUEO (LLEGA EN KIT)	1	10081346
17	NB320530	HORQUILLA MC TRASERA (LLEGA EN KIT)	1	10081346
18	N7202120	ABRAZADERA MANGUERA 100 100	2	10083363
19	N7320050	TAPA RESERVORIO (LLEGA EN KIT)	1	10083794
20	N7320050	PLACA DIAFRAGMA (LLEGA EN KIT)	1	10083794
21	N7320050	DIAFRAGMA (LLEGA EN KIT)	1	10083794
22	N7320050	RESERVORIO (LLEGA EN KIT)	1	10083794
23	N7320140	MANGUERA	1	10083390

This diagram illustrates the assembly of a vehicle's electrical system. The components are numbered as follows:

- 1:** Battery terminals and associated wiring.
- 2:** A long grey wiring harness.
- 3:** A green battery box or fuse block.
- 4:** A green fuse block.
- 5:** A green fuse block.
- 6:** A green fuse block.
- 7:** A green fuse block.
- 8:** A green fuse block.
- 9:** A black ring terminal.
- 10:** A black ring terminal.
- 11:** A long green wiring harness.
- 12:** A black ring terminal.
- 13:** A long grey wiring harness.
- 14:** A black ring terminal.
- 15:** A black ring terminal.
- 16:** A long orange wiring harness.
- 17:** A black ring terminal.
- 18:** A black ring terminal.



An exploded view diagram of a mechanical assembly, likely a hydraulic cylinder or valve. The components are numbered 1 through 19. The main body (2) is a large, brown, L-shaped casting. It is connected to a rod end (15) and a cap end (10). The rod end features a piston rod (11) and a piston (14). The cap end features a cap piston (13) and a cap piston rod (12). The assembly includes various seals (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19) and a hydraulic line (16) with a hose end (17) and a fitting (18). The diagram shows the relative positions of the components and their assembly sequence.

TVS 

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

- 1:** Yellow axle pin
- 2:** Blue O-ring
- 3:** Small grey bush or spacer
- 4:** Grey axle pin
- 5:** Tire
- 6:** Wheel rim
- 7:** Small black pin
- 7A:** Red plastic component
- 8:** Brake disc
- 9:** Blue star-shaped lock washer
- 10:** Small grey bush or spacer
- 11:** Blue star-shaped lock washer
- 12:** Small black pin
- 13:** Small black pin
- 14:** Grey brake pad
- 15:** Small grey bush or spacer
- 16:** Small grey bush or spacer

TVS 

FIGURA N° 31: RUEDA TRASERA (1/2)

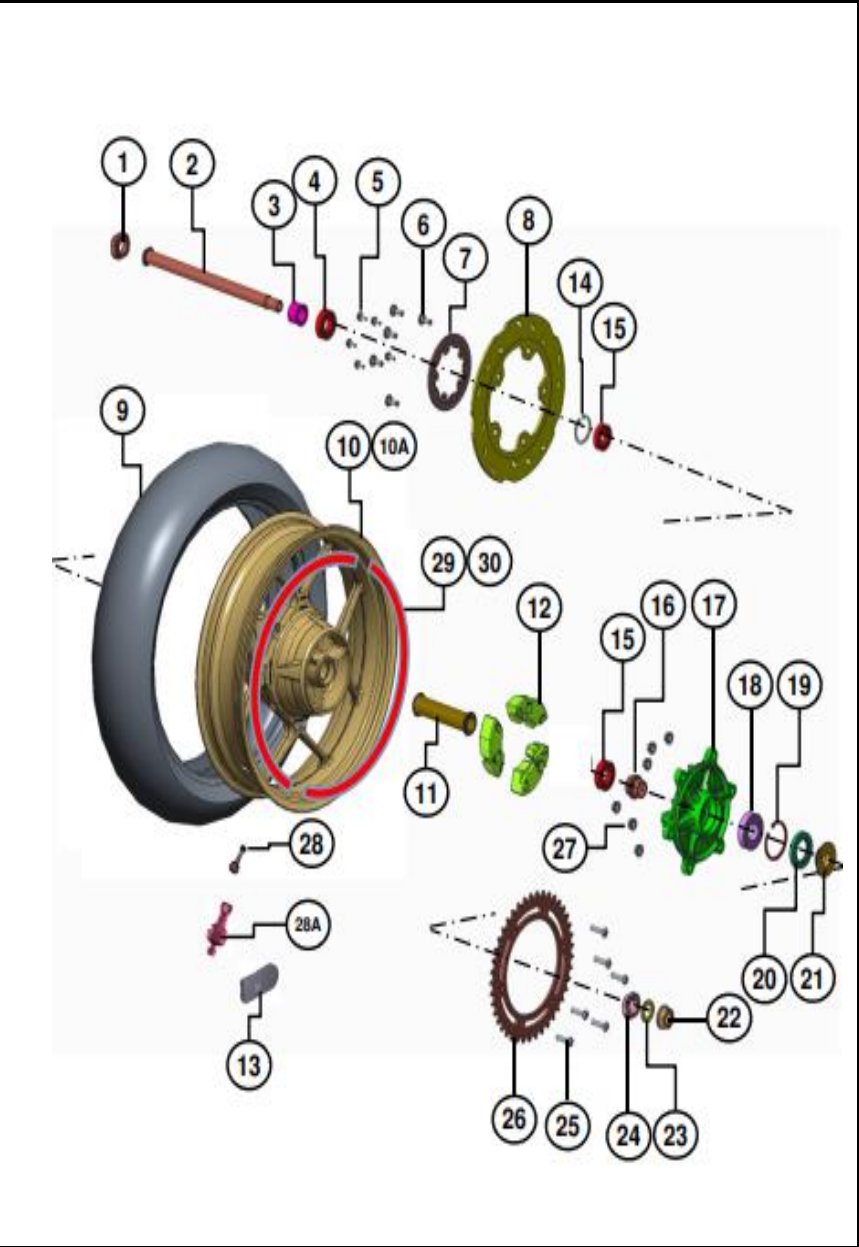


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7090170	AJUSTADOR CADENA DERECHA	1	10080100
2	N7110520	EJE TRASERO 20x310	1	10080394
3	N7110330	BUJE	1	10078633
4	N7110410	RETEN	2	10080445
5	N7201870	TORNILLO HEX FL M5 14 080	5	10082806
6	N7110660	TORNILLO ESPECIAL	5	10082757
7	N7110270	DISCO FONICO ABS	1	10080457
8	N7110510	DISCO FRENO TRASERO 240 45	1	10081304
9	---	LLANTA TUBELESS TRASERO 150/160 R17	1	
10	N7111510	RIN ALEACIÓN TRASERO 4x17 ROJO	1	10091123
10A	N7110940	RIN ALEACIÓN TRASERO 4X17 AMARILLO	1	10091124
11	N7110310	BUJE TRASERO	1	10080331
12	N7110320	CAUCHO PORTA SPROCKET	3	10078618
13	N7111170	SENSOR TRANSMISOR TPMS (FULL)	1	10091120
14	K200060	CIRCLIP 42x1.75	1	10079526
15	K3200980	RODAMIENTO BOLAS	2	10079460
16	N7110350	BUJE	1	10080492
17	N7110240	PORTA SPROCKET	1	10080123
18	N7201900	RODAMIENTO 25 52 15 2	1	10080338
19	N7201890	CIRCLIP 52 20	1	10080288
20	N7110590	RETEN GUARDAPOLVO	1	10080459
21	N7110340	BUJE	1	10083313
22	N7201560	TUERCA HEXAGONAL M18 150	1	10083351

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

- 1:** Small black pin.
- 2:** Brown axle.
- 3:** Small black pin.
- 4:** Red pin.
- 5:** Small black pin.
- 6:** Small black pin.
- 7:** Small black pin.
- 8:** Green ring.
- 9:** Large grey tire.
- 10:** Brass rim.
- 10A:** Brass rim (variant).
- 11:** Small black pin.
- 12:** Green hub.
- 13:** Small black pin.
- 14:** Small black pin.
- 15:** Small black pin.
- 16:** Small black pin.
- 17:** Small black pin.
- 18:** Small black pin.
- 19:** Small black pin.
- 20:** Small black pin.
- 21:** Small black pin.
- 22:** Small black pin.
- 23:** Small black pin.
- 24:** Small black pin.
- 25:** Small black pin.
- 26:** Small black pin.
- 27:** Small black pin.
- 28:** Small black pin.
- 28A:** Small black pin.
- 29:** Small black pin.
- 30:** Small black pin.



This diagram illustrates the assembly of a mechanical component, likely a motor or actuator, with 20 numbered parts. The parts are as follows:

- 1: Main assembly bracket or housing.
- 2: Red motor or actuator unit.
- 3: Large, olive-green, ribbed component, possibly a bellows or a large bush.
- 4: Small, light blue, L-shaped bracket.
- 5: Purple cylindrical component.
- 6: Small, light blue, L-shaped bracket.
- 7: Green, L-shaped component.
- 8: Green, L-shaped component.
- 9: Yellow pin or screw.
- 10: Small, red, L-shaped component.
- 11: Brown, L-shaped component.
- 12: Small, brown, L-shaped component.
- 13: Small, black, circular component.
- 14: Red pin or screw.
- 15: Small, blue, L-shaped component.
- 16: Small, black, circular component.
- 17: Small, red, L-shaped component.
- 18: Small, blue, L-shaped component.
- 19: Small, blue, L-shaped component.
- 20: Small, blue, L-shaped component.

The diagram shows the assembly sequence with dashed lines indicating the placement of parts. A purple cable is connected to the red motor unit (2).

TVS 

FIGURA N° 33: BRAZO OSCILANTE (1/2)

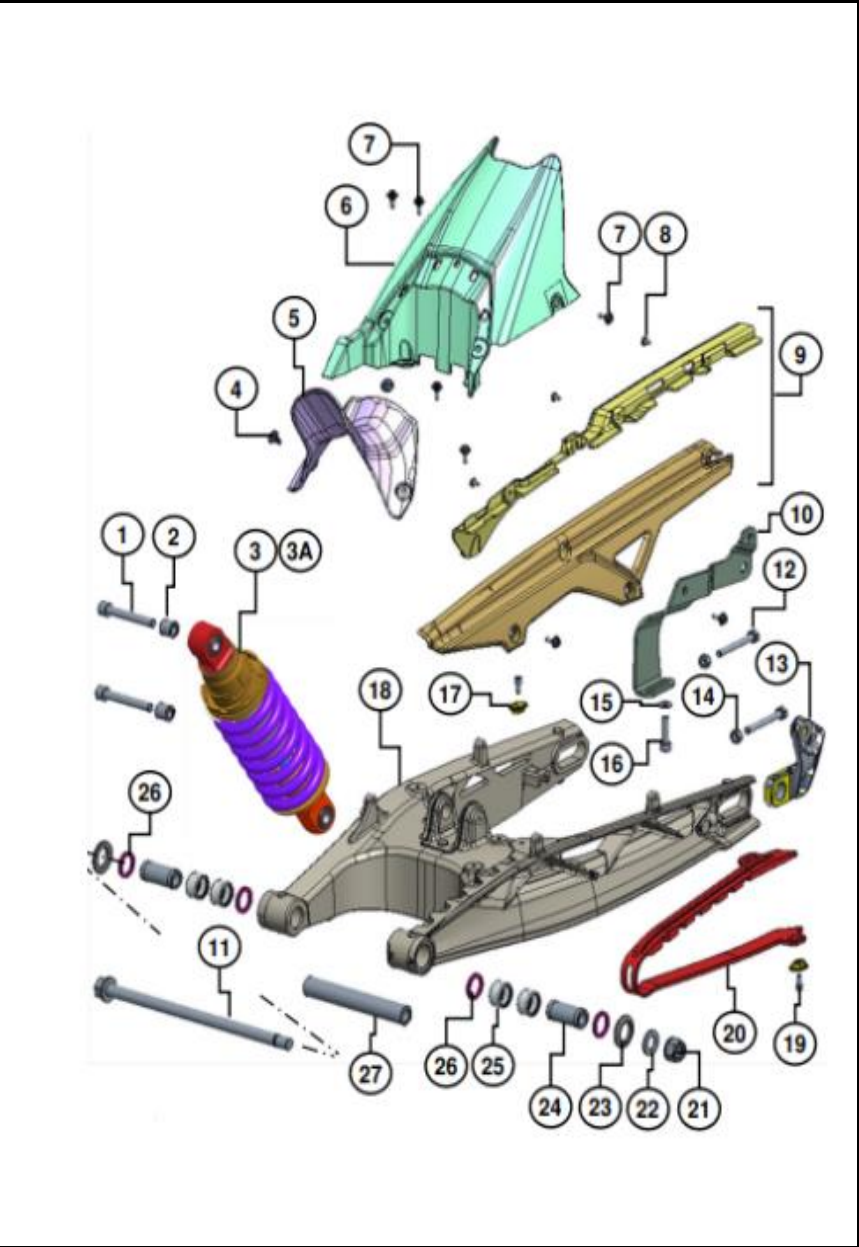


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7201550	TORNILLO CABEZA HEXAGONAL M10 70	2	10080423
2	N7090190	BUJE	2	10080454
3	N7090410	AMORTIGUADOR (FULL)	1	10091129
3A	N7090510	AMORTIGUADOR	1	10090940
4	N7201300	REMACHE PLÁSTICO	2	10080293
5	N7221080	CUBIERTA GUARDAPOLVO	1	10080145
6	N7220960	GUARDABARRO TRASERO INTERNO	1	10080530
7	N7201620	TORNILLO M5 080 14	7	10083352
8	N3200340	TORNILLO EST M4.2X13	3	10081096
9	N7090540	GUARDACADENA	1	10091130
10	N7090560	SOPORTE GUARDACADENA	1	10091131
11	N7090200	EJE M14 X 283	1	10080542
12	N7201730	TORNILLO HEXAGONAL M8X65	2	10083357
13	N7090550	AJUSTADOR CADENA IZQUIERDO	1	10091132
14	N7201760	TORNILLO HEX M8 65 125	2	10082803
15	N7202020	ARANDELA 200 85 16	1	10091133
16	N7201920	TORNILLO HEXAGONAL M8 30	1	10082807
17	N7090150	SOPORTE GUARDACADENA	1	10084250
18	N7090060	BRAZO OSCILANTE	1	10083799
19	N7200700	TORNILLO HEXAGONAL M5 12	2	10082780
20	N7090090	DESIZACADENA	1	10080340
21	N7201820	TUERCA HEXAGONAL M14 1.5	1	10083360
22	N7202140	ARANDELA 280 150 25	1	10082811
23	N7090140	ARANDELA EJE	2	10080241
24	N7090120	BUJE BRAZO OSCILANTE	2	10079554

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

- 1, 2:** Small bolts.
- 3, 3A:** A large purple coil spring.
- 4:** A purple shock absorber.
- 5:** A purple control arm.
- 6, 7:** A green upper control arm.
- 8:** A yellow lower control arm.
- 9:** A yellow steering knuckle.
- 10, 12:** A green brake caliper.
- 11:** A long grey axle shaft.
- 13:** A yellow brake disc.
- 14, 15, 16:** Various small bolts and pins.
- 17:** A small yellow pin.
- 18:** A grey lower control arm.
- 19:** A red brake line.
- 20:** A small yellow pin.
- 21, 22, 23, 24, 25, 26:** Various small bolts and pins.
- 27:** A grey axle tube.



FIGURA N° 34: SISTEMA ELECTRICO (1/2)

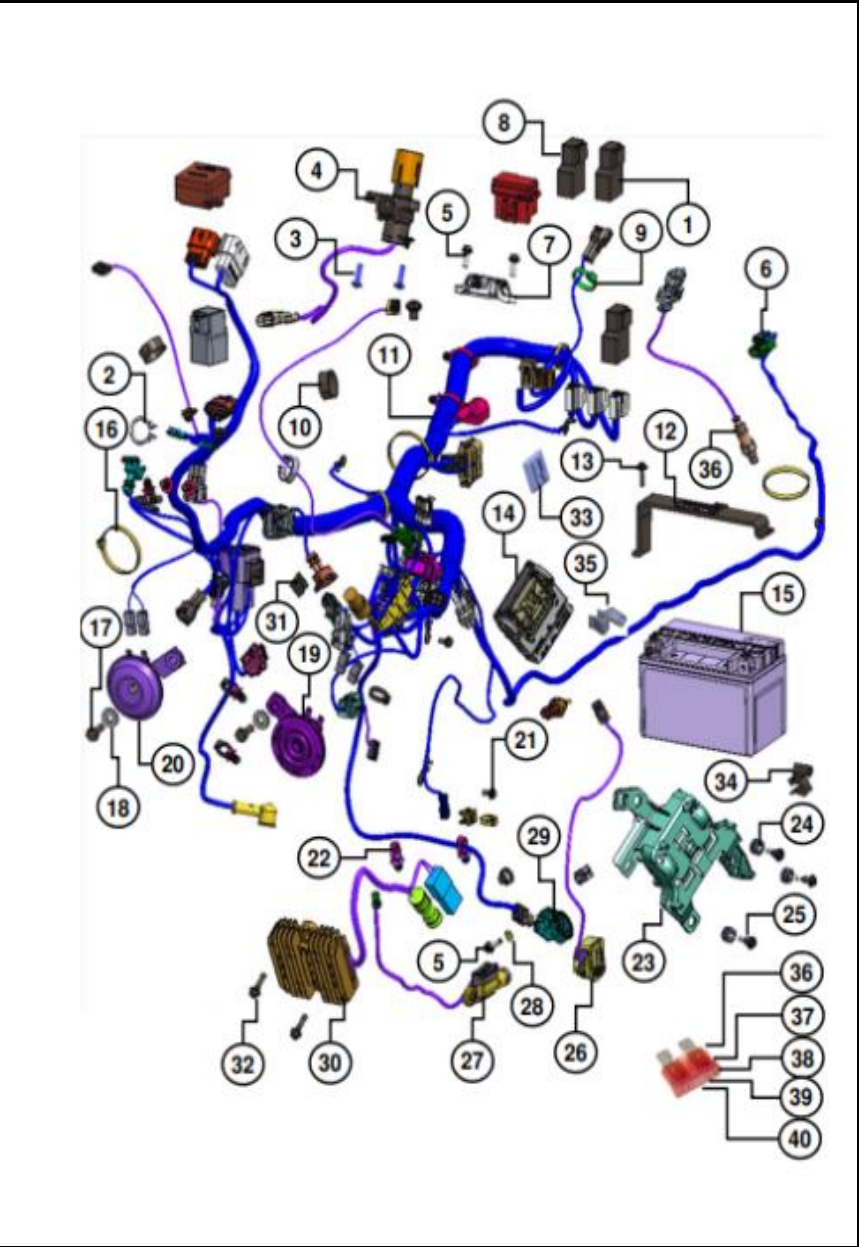


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N7160570	RELÉ CONTROL ARRANQUE	3	10083641
2	N7160960	ABRAZADERA MAZO CABLES	2	10091134
3	M1200790	TORNILLO M6X16	2	10081570
4	N7150410	SWICHE ENCENDIDO	1	10090980
5	N7200880	TORNILLO M6X16	3	10083338
6	N7161270	CABLE LUCES	1	10091135
7	N7160900	UNIDAD MEDICIÓN INERCIAL	1	10091136
8	N7160380	RELAY LUCES	3	10083673
9	N7201470	ABRAZADERA	1	10080103
10	NB160100	ABRAZADERA	2	10083803
11	N7160780	INSTALACION ELECTRICA	1	10090885
12	N7121590	ABRAZADERA BATERÍA	1	10083638
13	NB200060	TORNILLO HEXAGONAL M5 20	1	10082861
14	N7060449	ECU	1	10091137
15	---	BATERÍA CARGADA 80	1	
16	N7160620	ABRAZADERA	56	10080953
17	G5200380	TORNILLO HEXAGONAL M8x20	2	10079627
18	G5200400	ARANDELA 8.5X20X2.0	2	10079628
19	N9160850	PITO IZQUIERDO	1	10080189
20	N9160840	PITO DERECHO	1	10081324
21	N8200060	TORNILLO HEXAGONAL M6x10	2	10079730
22	N7202070	CLIP ORIFICIO 6	19	10080954
23	N7160800	SOPORTE ECU	1	10091138
24	NB220410	ANTIVIBRANTE	3	10083501

This diagram illustrates the components of a vehicle's electrical system, including the battery, alternator, starter motor, and various sensors and switches. The components are numbered 1 through 40 for identification. The battery (15) is shown on the right, connected to the main power lines. The alternator (17) and starter motor (18) are on the left. The diagram shows the complex wiring harness (blue and purple lines) that connects these major components to the rest of the vehicle's electrical system, including the engine control unit (ECU) (14), various sensors (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40), and the instrument cluster (16). The diagram is a technical illustration used for parts identification and assembly.



A diagram of a hand tool kit. A bracket at the top points to a circled number 1. Below it, various tools are shown, each with a line pointing to a circled number:

- 2: A blue folding workbench.
- 3: A wooden handle.
- 4: A purple screwdriver.
- 5: A pink adjustable wrench.
- 6: A yellow L-shaped bracket or support.
- 7: A yellow hexagonal bolt or screw.
- 8: An orange adjustable wrench.
- 9: A green rectangular block or support.



SHIMS

ITEM	REFERENCIA	DESCRIPCION	CANT	#	MEDIDA	CONTENIDO DEL KIT
1	N7011890	ARANDELA AJUSTE 2.04	4	1	2,04	N7011890
				2	2,06	N7011900
				3	2,08	N7011910
				4	2,1	N7011920
				5	2,12	N7011930
				6	2,14	N7011940
				7	2,16	N7011950
				8	2,18	N7011960
				9	2,2	N7011970
				10	2,22	N7011980
				11	2,24	N7011990
				12	2,26	N7012000
				13	2,28	N7012010
				14	2,3	N7011500
				15	2,32	N7012020
				16	2,34	N7012030
				17	2,36	N7012040
				18	2,38	N7012050
				19	2,4	N7012060
				20	2,42	N7012070
				21	2,44	N7012080
				22	2,46	N7012090
				23	2,48	N7012100
				24	2,5	N7012110
				25	2,52	N7012120
				26	2,54	N7012130

CASQUETES

ITEM	REF.	DESCRIPCIÓN	CONTENIDO DEL KIT
1	N7020290	CASQUETES CIGÜEÑAL	ROJO (N7020290)
	N7020300		MORADO (N7020300)
	N7020310		AZUL (N7020310)
2	N7020170	CASQUETES EJE BALANCEADOR	VERDE (NB020080)
			CAFÉ (NB020030)
3	N7020180	RODAMIENTO PRINCIPAL CIGÜEÑAL	NB020090 (AMARILLO)
			NB020040 (AMARILLO)
4	N7020190	RODAMIENTO PRINCIPAL CIGÜEÑAL	NB020100 (CAFÉ)
			NB020050 (CAFÉ)

FICHA TÉCNICA APACHE RTR 310

UNIDAD	
CARACTERISTICA	
Motor	4 tiempos, monocilíndrico
Cilindrada	312.2 cc
Potencia Máxima	33.5 HP @ 9700 rpm
Torque Máximo	27.3 Nm @ 7700 rpm
Transmisión	Mecánica de 6 velocidades
Sistema de Alimentación	Inyección electrónica
Refrigeración	Líquida
Diámetro x Carrera	80 x 62.1 mm
FRENOS	
Freno Delantero	Disco (300 mm), anclaje radial de 4 émbolos
Freno Trasero	Disco (240 mm), pinza flotante de 1 émbolo
SUSPENSION	
Suspensión Delantera	Horquilla telescópica Invertida, recorrido de 140 mm
Suspensión Trasera	Monoamortiguador, ajustable en precarga, recorrido de 120 mm
CAPACIDAD DEL TANQUE	
Lleno	11 l (2.9 gal)
Combustible	Extra
LLANTAS	
Llanta Delantera	110/70 R17
Llanta Trasera	150/60 R17
Rines	Aspas de aleación
SISTEMA ELECTRICO	
Sistema de Ignición	ECU
DRL / AHO	SI
Slipper Clutch	SI
ABS	SI
DIMENSIONES	
Largo Total	2001 mm
Altura Total	1135 mm
Ancho Total	786 mm
Distancia Entre Ejes	1365 mm
Altura Al piso	180 mm

