

MANUAL DE PARTES

TNT 150i



SISTEMA DE ENCENDIDO
AUTOMÁTICO DE LUCES

Para mayor información del sistema consulte la página web:
<http://www.autecomobility.com/sistemas-de-seguridad/>



SISTEMA ANTIBLOQUEO
DE FRENOS NO INCLUIDO



LUCES DE
CIRCULACIÓN DIURNA

Para mayor información del sistema consulte la página web:
<http://www.autecomobility.com/sistemas-de-seguridad/>

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.



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.

REVISADO ABRIL 2024

Mobil 1

auteco
mobility

GRADO
SAE

15W-50

Full-Sintético

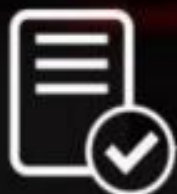
CUMPLE CON LAS
NORMATIVAS

JASO MA 2011

JASO MA2 2011

API SM

API SN



CÓDIGO SAP:

CAJA X 12

21006274

UNIDAD

21006770



PROPIEDADES

BENEFICIOS &

► **Avanzada fórmula completamente sintética**

Ayuda a evitar los depósitos y la acumulación de lodos y así permitir una larga vida útil del motor. Provee una excelente lubricación general y protección contra el desgaste para muchos estilos de conducción.

► **Excepcional estabilidad térmica y ante la oxidación**

Excepcional rendimiento durante el intervalo máximo de cambio de aceite recomendado en el manual del propietario del vehículo.

► **Aditivo antidesgaste extra**

Extra protección para servicio severo.

**ACEITE ORIGINAL
PARA MOTOCICLETAS**

Benelli

MODELOS SUPERIORES A 251CC



TRICARGO



Recomendado
para las motocicletas
con viscosidad **15W-50**



**¡POR DESEMPEÑO,
CALIDAD Y PRECIO!**
ELIGE LLANTAS QUEEN

SCOOTER

MOTOCARRO

STREET

DOBLE
PROPÓSITO

PISTERA

Encuétralos en todos los agentes y concesionarios autorizados por AUTECO del país





MEGA**BAT**
BATTERIES



EL **EQUIPO ORIGINAL**
DE LAS MOTOCICLETAS


auteco
mobility



*Una garantía de respaldo,
calidad y experiencia.*



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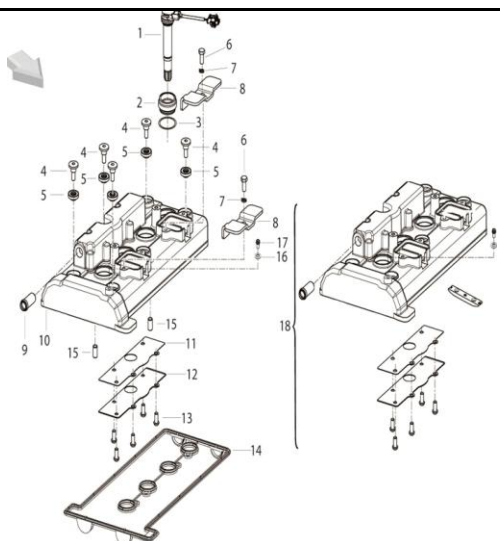


FIG. Nº 1 TAPA CULATA

PAG. Nº 1

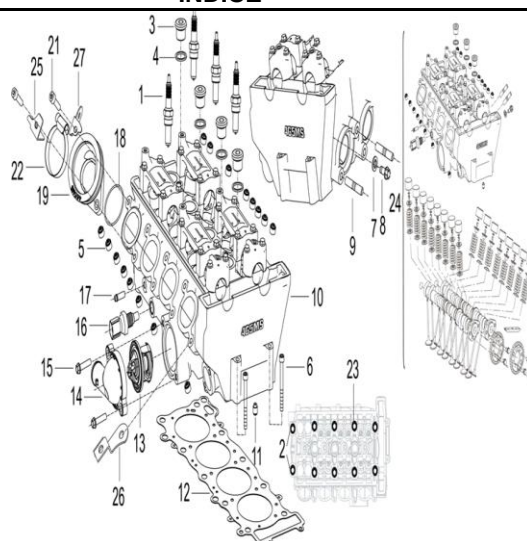


FIG. Nº 2 CULATA

PAG. Nº 2

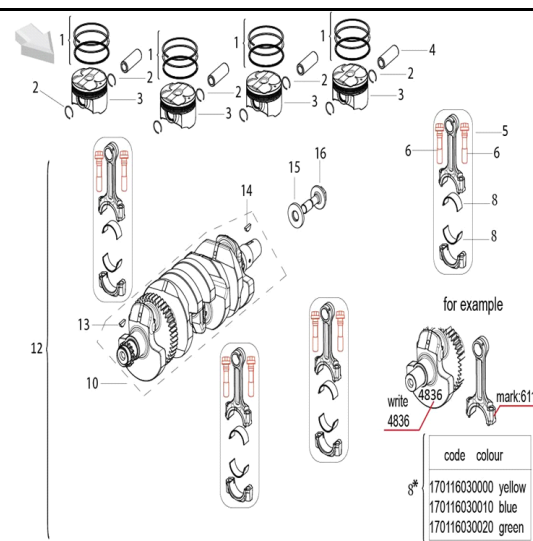


FIG. Nº 3 CIGÜEÑAL - PISTÓN - BIELA

PAG. Nº 3

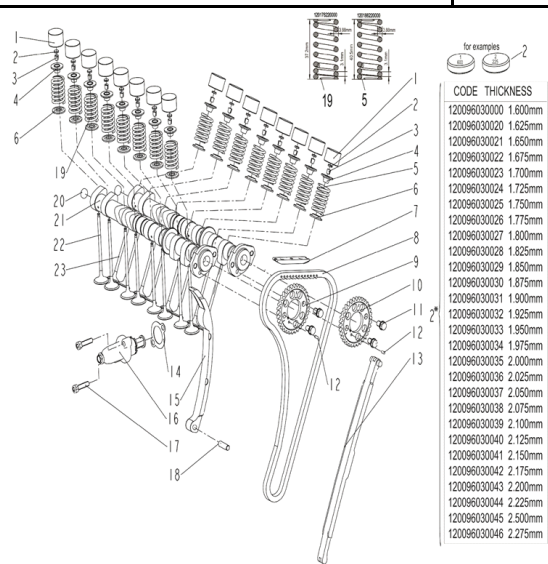


FIG. Nº 4 EJE DE LEVAS-VÁLVULAS

PAG. Nº 4-5

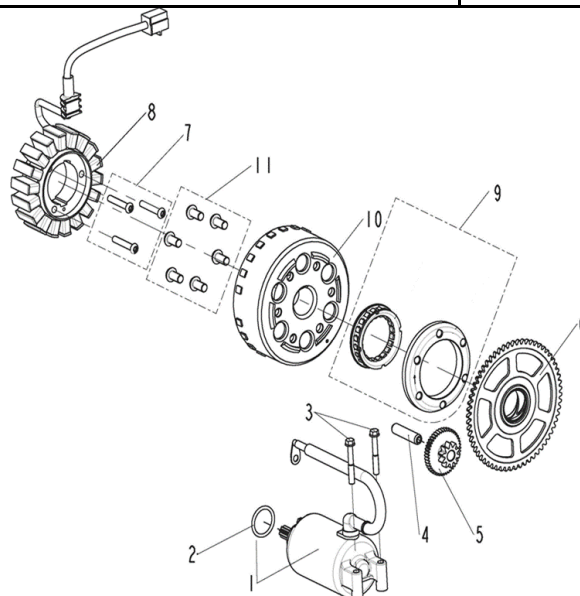


FIG. Nº 5 ARRANQUE ELÉCTRICO

PAG. Nº 6

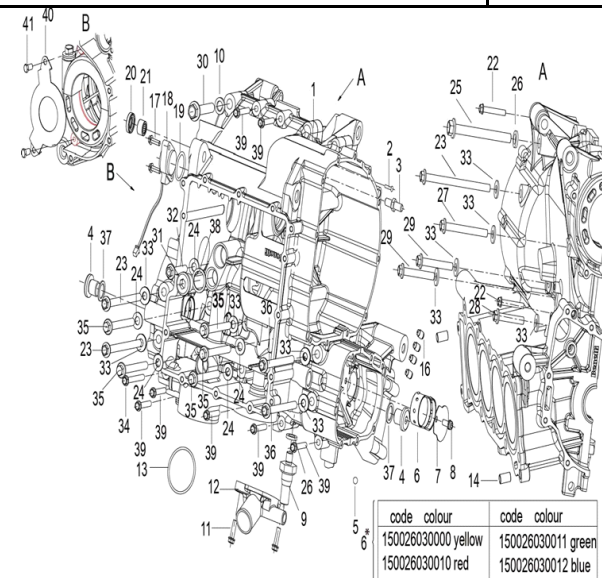
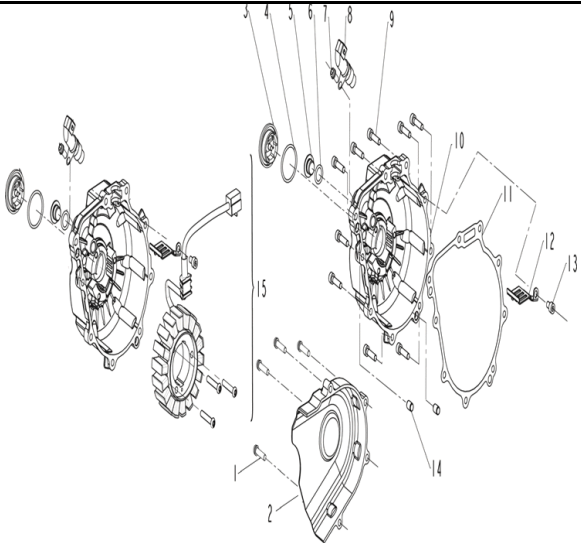
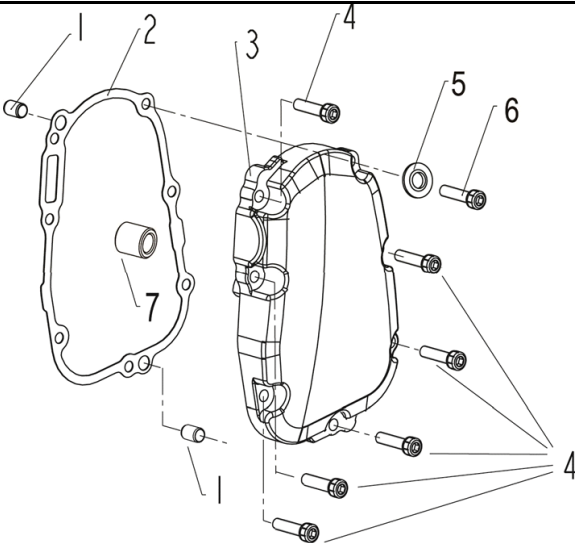
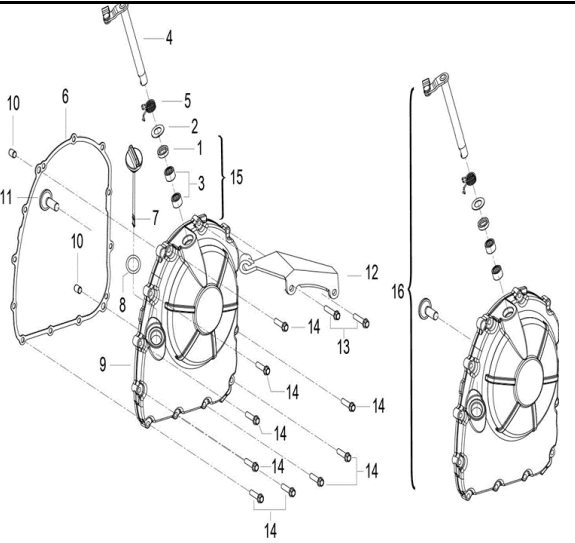
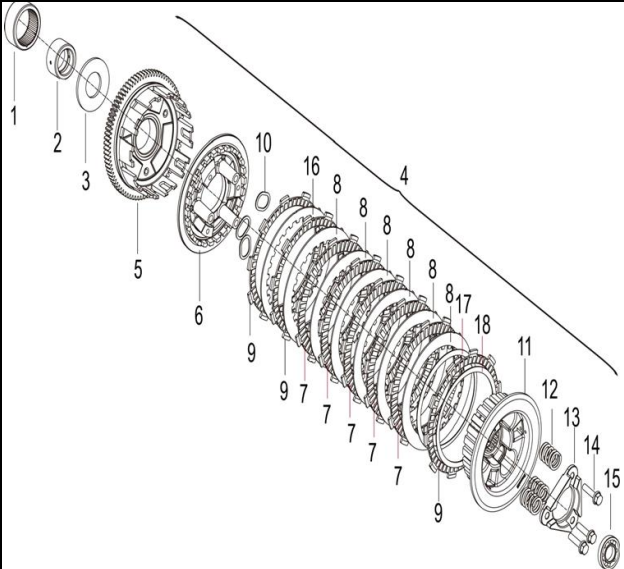
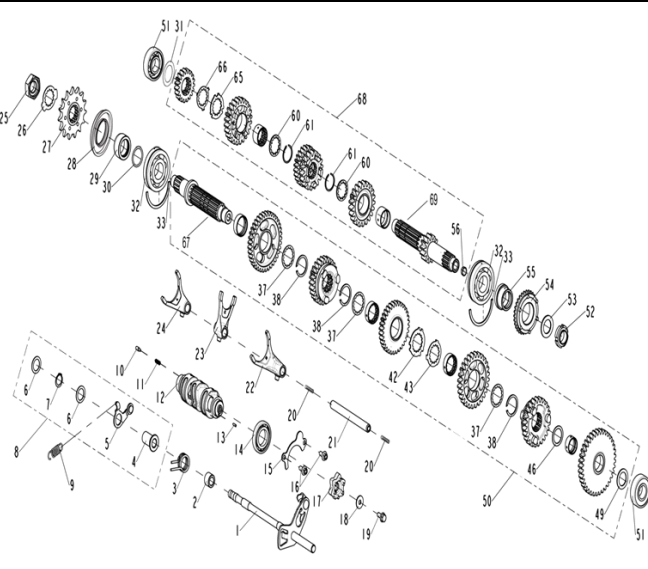
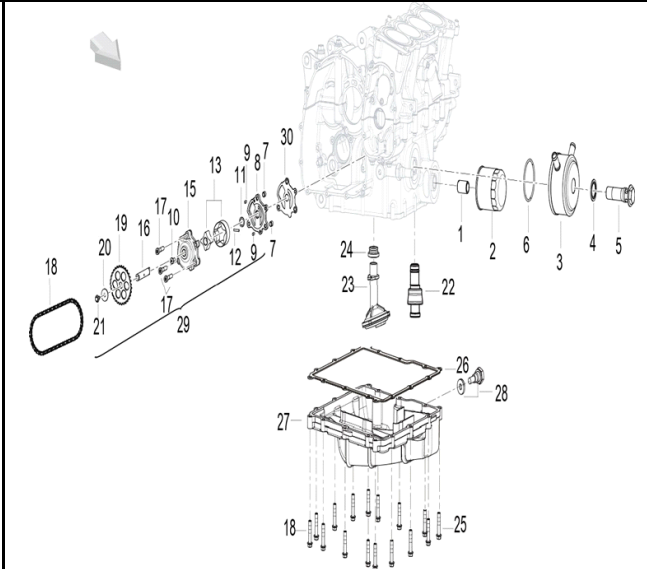


FIG. Nº 6 CARCASA CENTRO MOTOR

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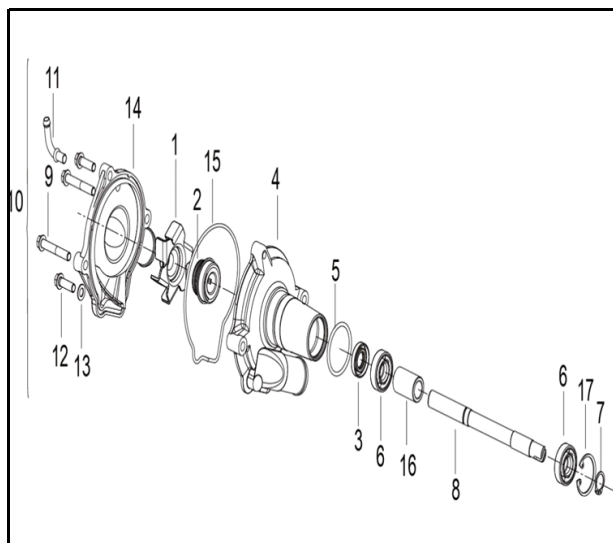


FIG. N° 13 SISTEMA DE REFRIGERACIÓN

PAG. N° 16

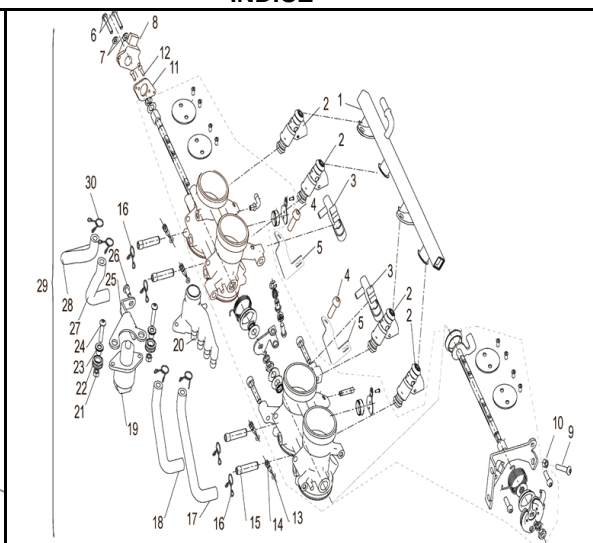


FIG. N° 14 CUERPO DE ACELERACIÓN

PAG. N° 17

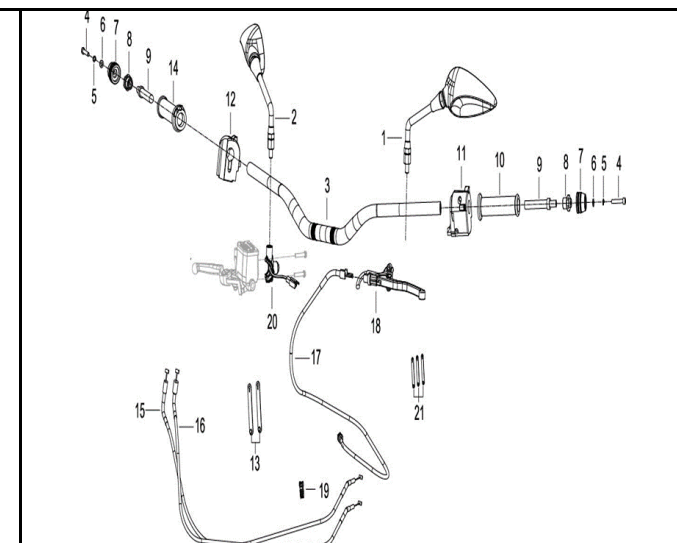


FIG. N° 15 MANUBRIO-COMANDOS-ESPEJOS

PAG. N° 18

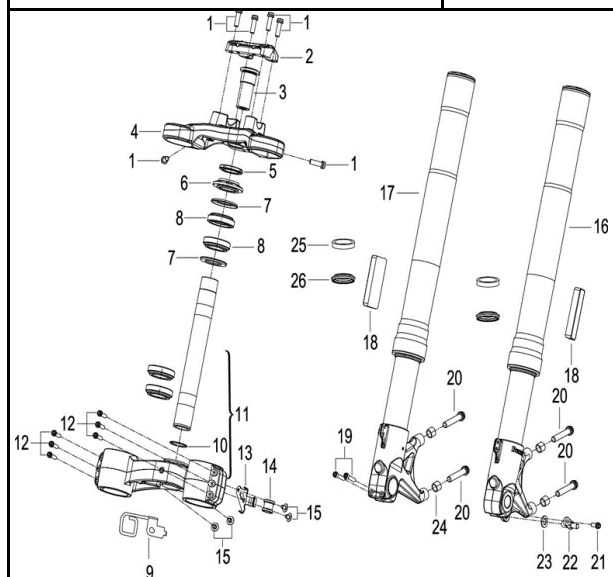


FIG. N° 16 SUSPENSIÓN DELANTERA

PAG. N° 19

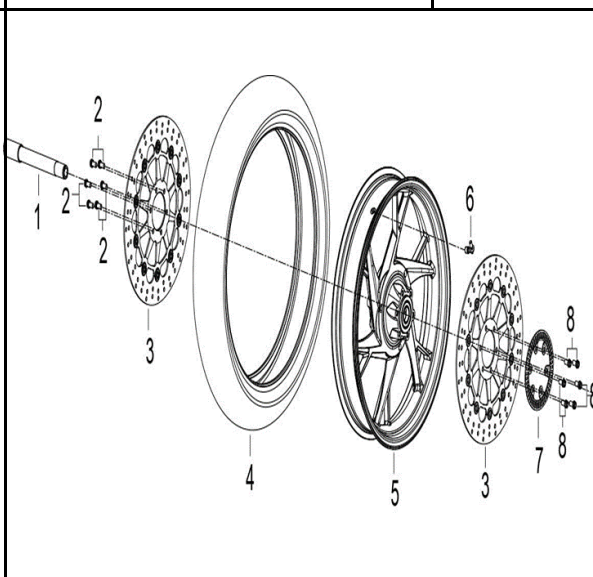


FIG. N° 17 RUEDA DELANTERA

PAG. N° 20

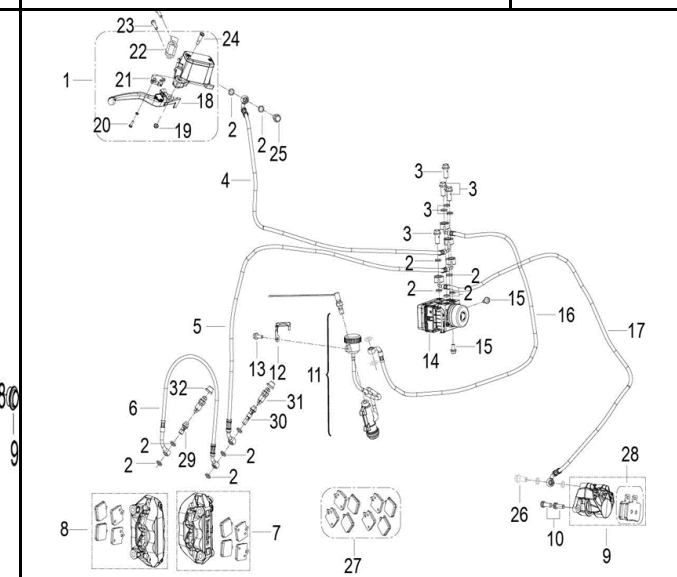
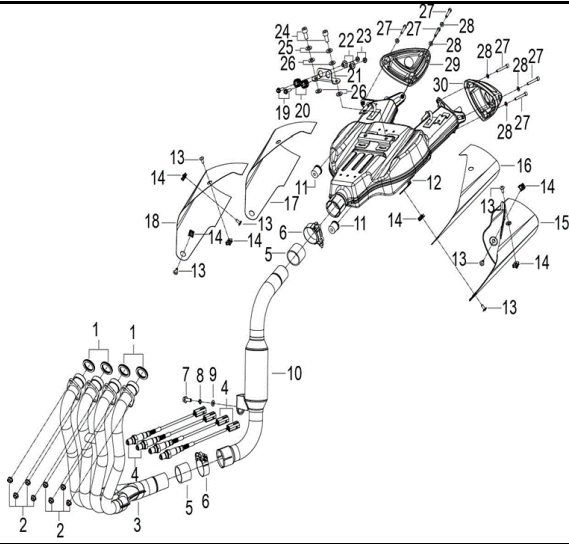
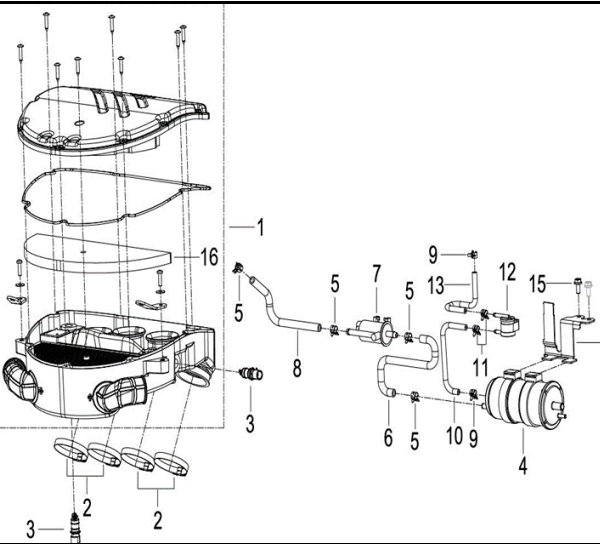
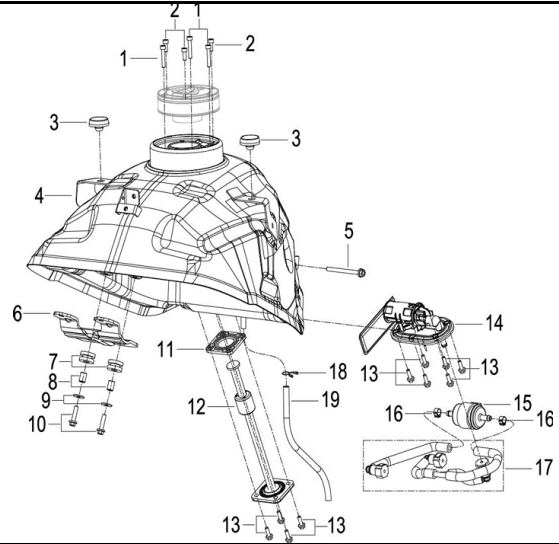
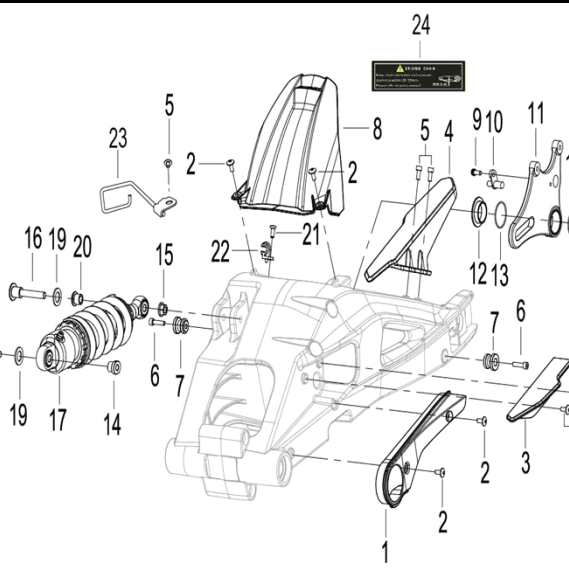
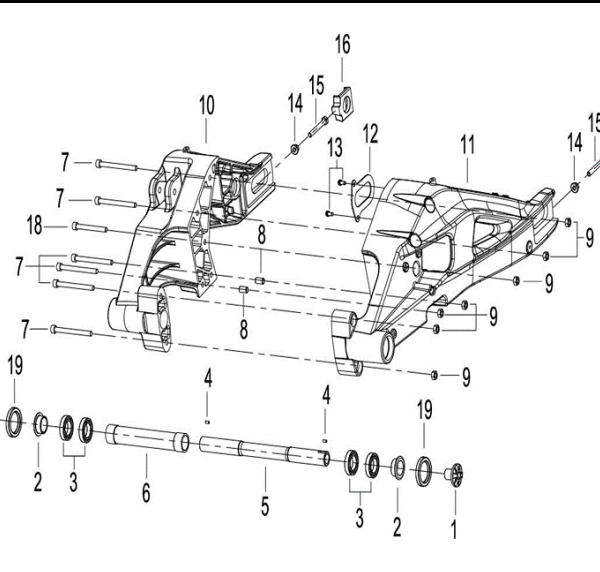
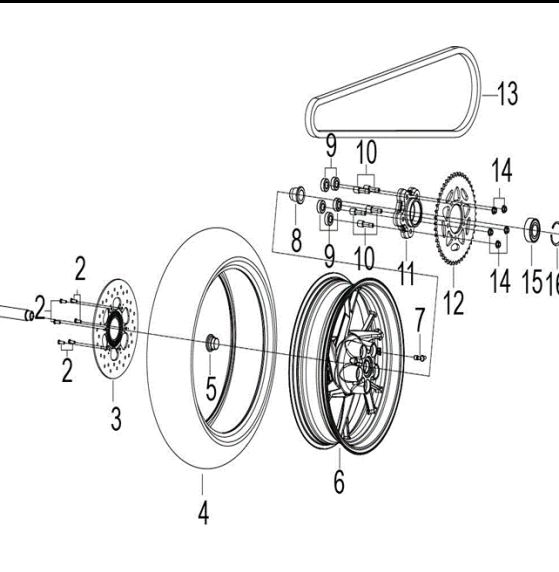


FIG. N° 18 SISTEMA DE FRENOS

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FIG. N° 22 SUSPENSIÓN TRASERA	PAG. N° 26	FIG. N° 23 BRAZO OSCILANTE	PAG. N° 27	FIG. N° 24 RUEDA TRASERA	PAG. N° 28

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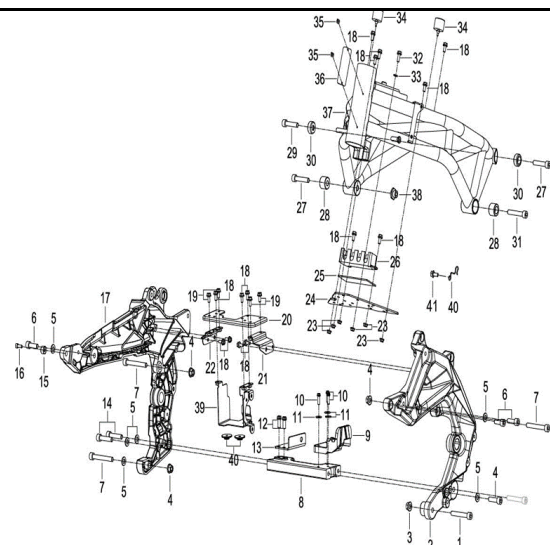


FIG. N° 25 PARTES DEL CHASIS

PAG. N° 29-30

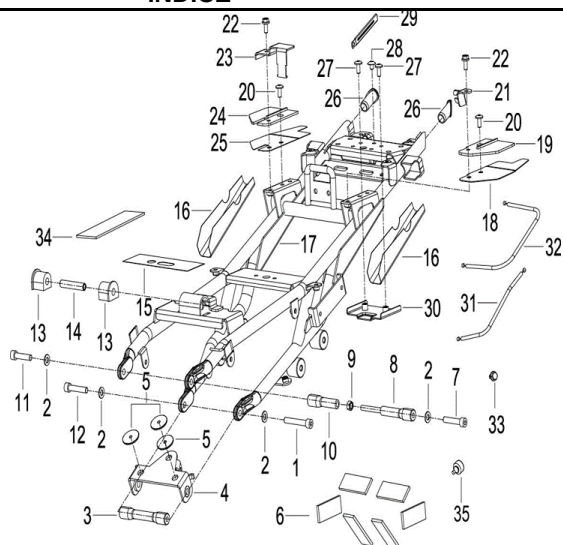


FIG. N° 26 PARTES DEL SUB-CHASIS

PAG. N° 31-32

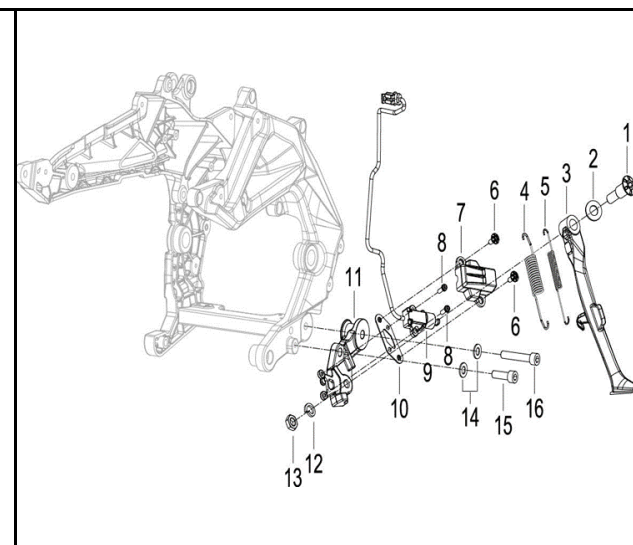


FIG. N° 27 SOPORTE LATERAL

PAG. N° 33

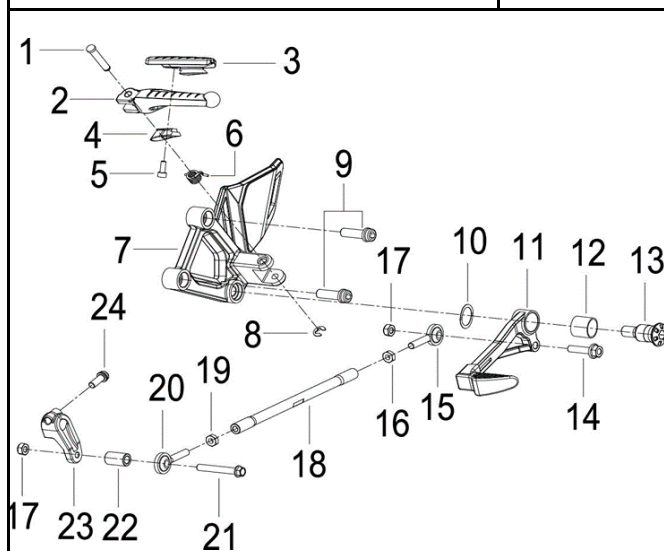


FIG. N° 28 SOPORTES IZQUEIRDOS

PAG. N° 34

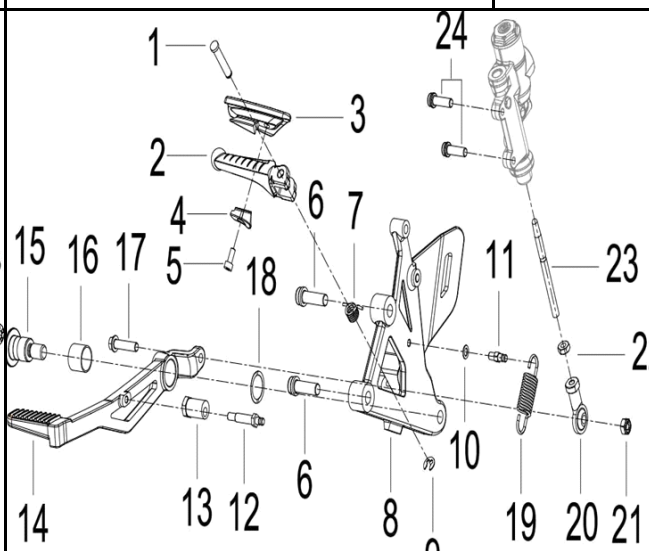


FIG. N° 29 SOPORTES DERECHOS

PAG. N° 35

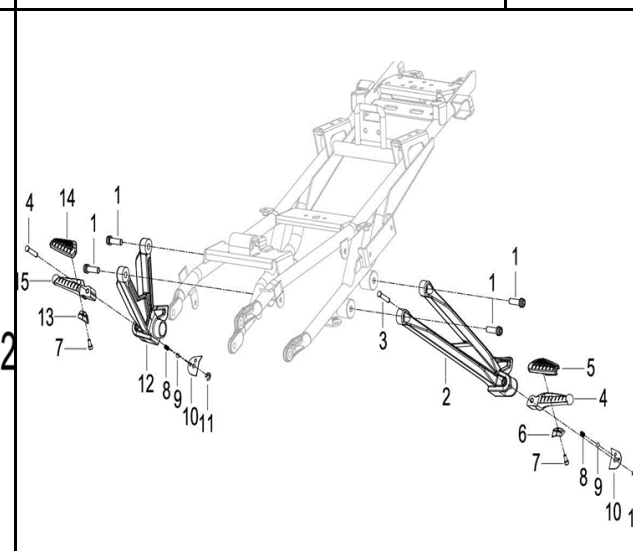


FIG. N° 30 SOPORTES LATERALES TRASEROS

PAG. N° 36

INDICE

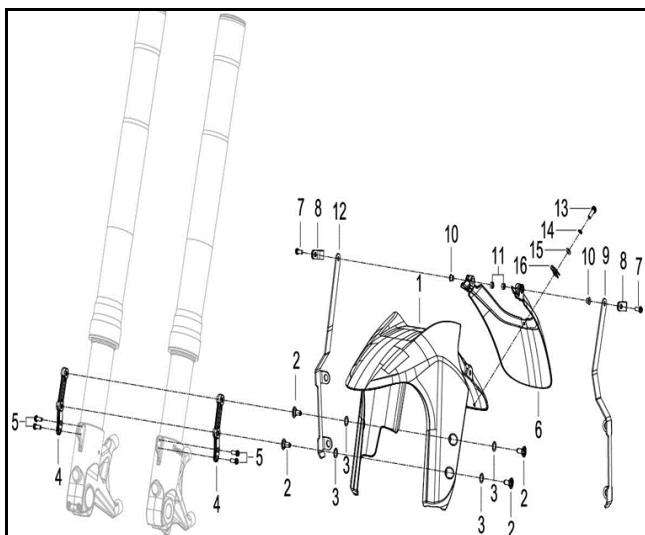


FIG. N° 31 GUARDABARRO DELANTERO

PAG. N° 37

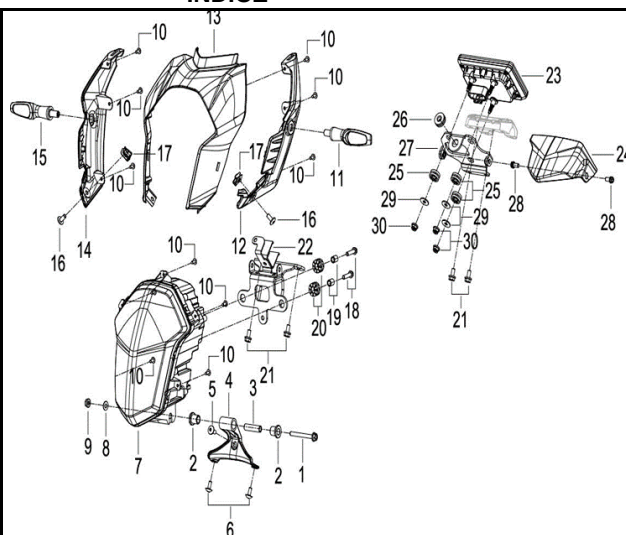


FIG. N° 32 CUBIERTAS

PAG. N° 38

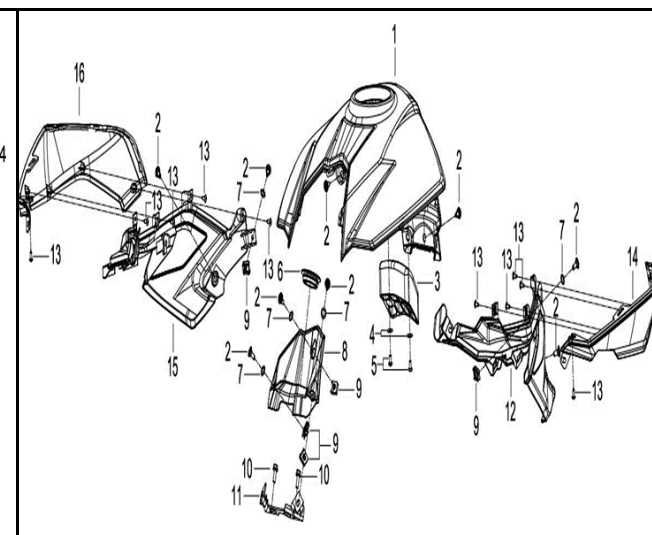


FIG. N° 33 CUBIERTA TANQUE DE COMBUSTIBLE

PAG. N° 39

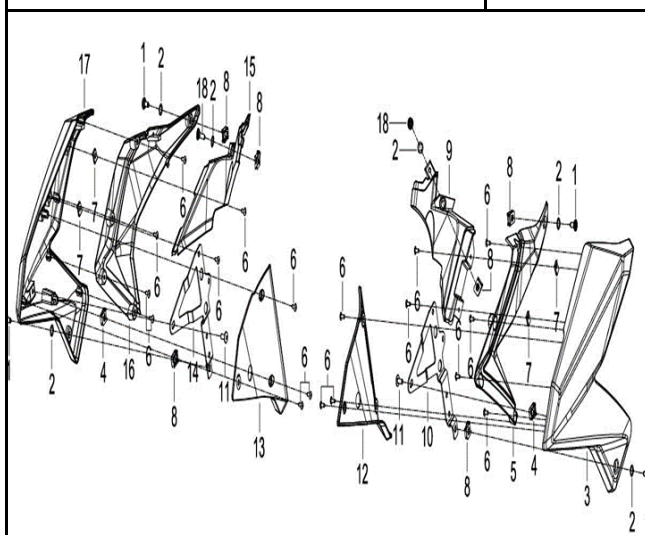


FIG. N° 34 ENFOCADORES DEL TANQUE

PAG. N° 40

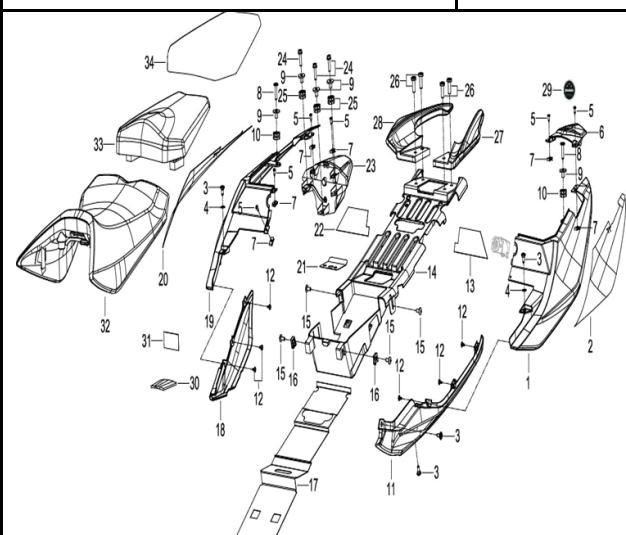


FIG. N° 35 CUBIERTAS LATERALES TRASERAS SILLINES

PAG. N° 41-42

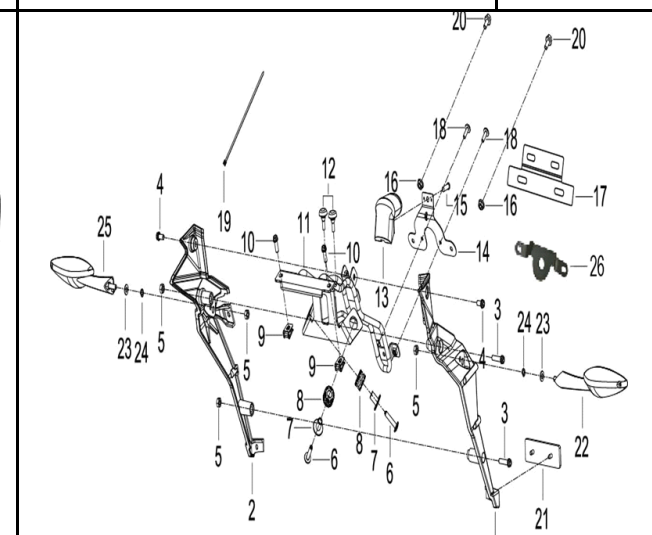


FIG. N° 36 GUARDABARRO TRASERO

PAG. N° 43

INDICE

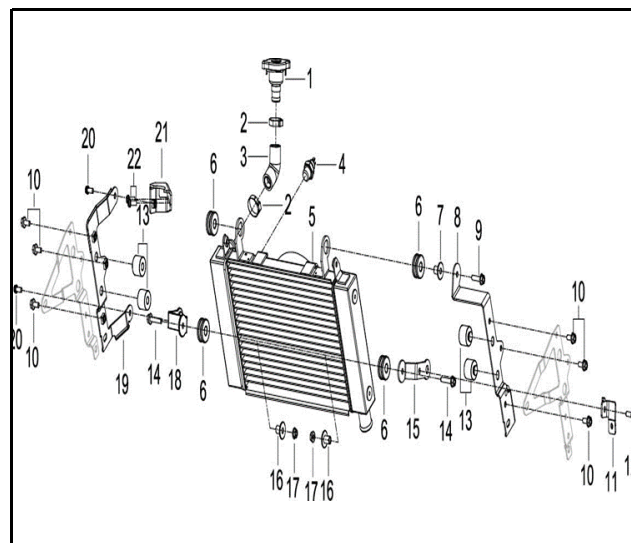


FIGURA N° 37: SISTEMA DE REFRIGERACIÓN

PAG. N° 44

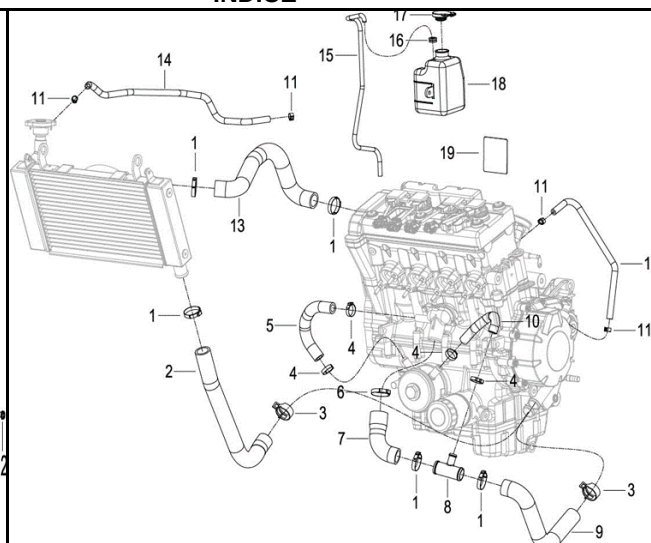


FIGURA N° 38: SISTEMA DE REFRIGERACIÓN

PAG. N° 45

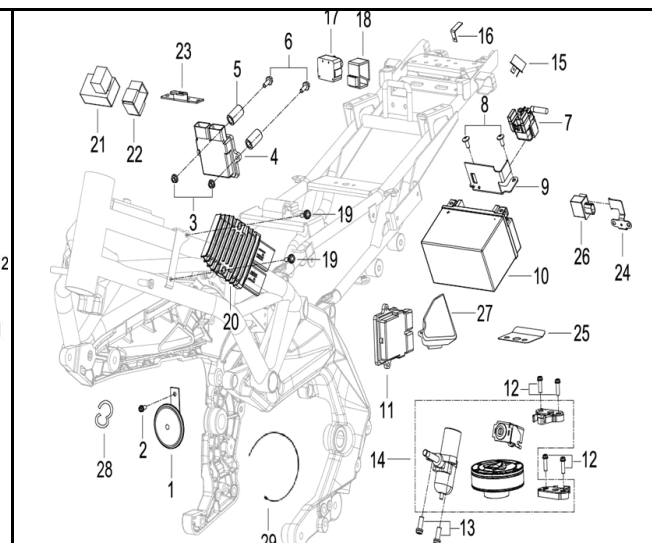


FIGURA N° 39: COMPONENTES ELECTRICOS

PAG. N° 46

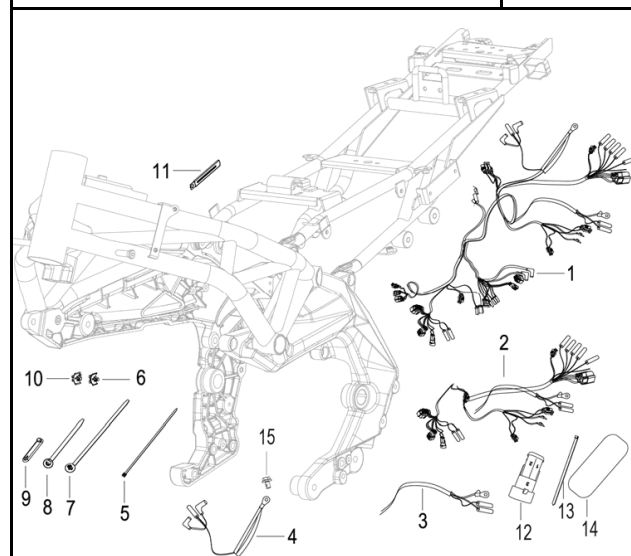


FIGURA N° 40: SISTEMA ELECTRICO

PAG. N° 47

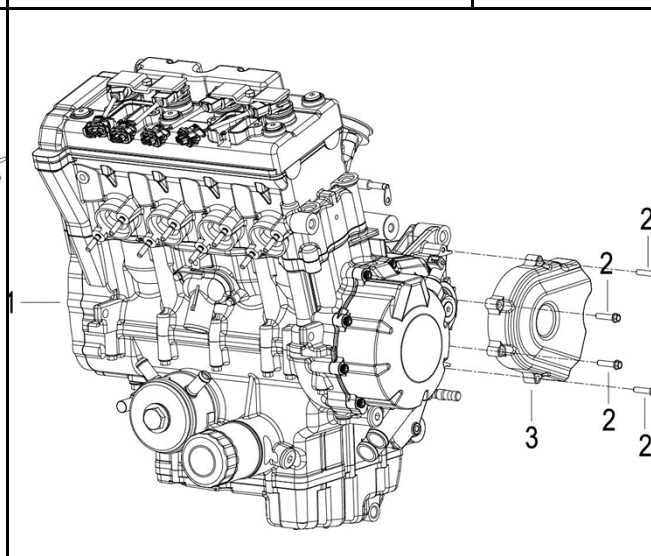


FIGURA N° 41: COMPONENTES DEL MOTOR

PAG. N° 48

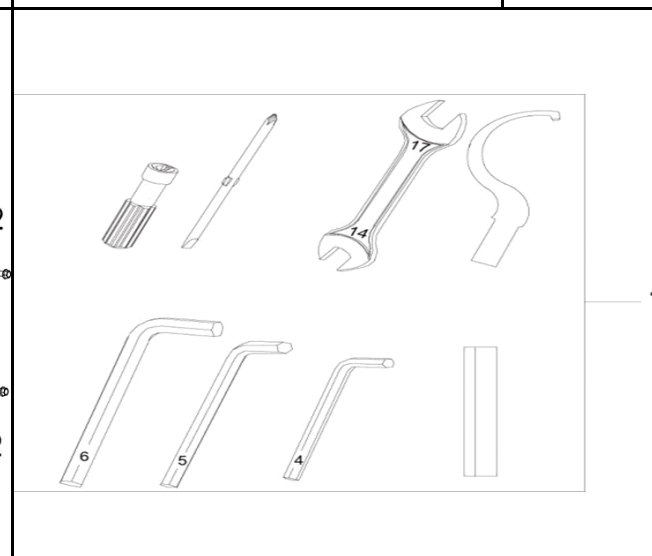


FIGURA N° 42: HERRAMIENTA

PAG. N° 49

1

FIGURA N°2: CULATA

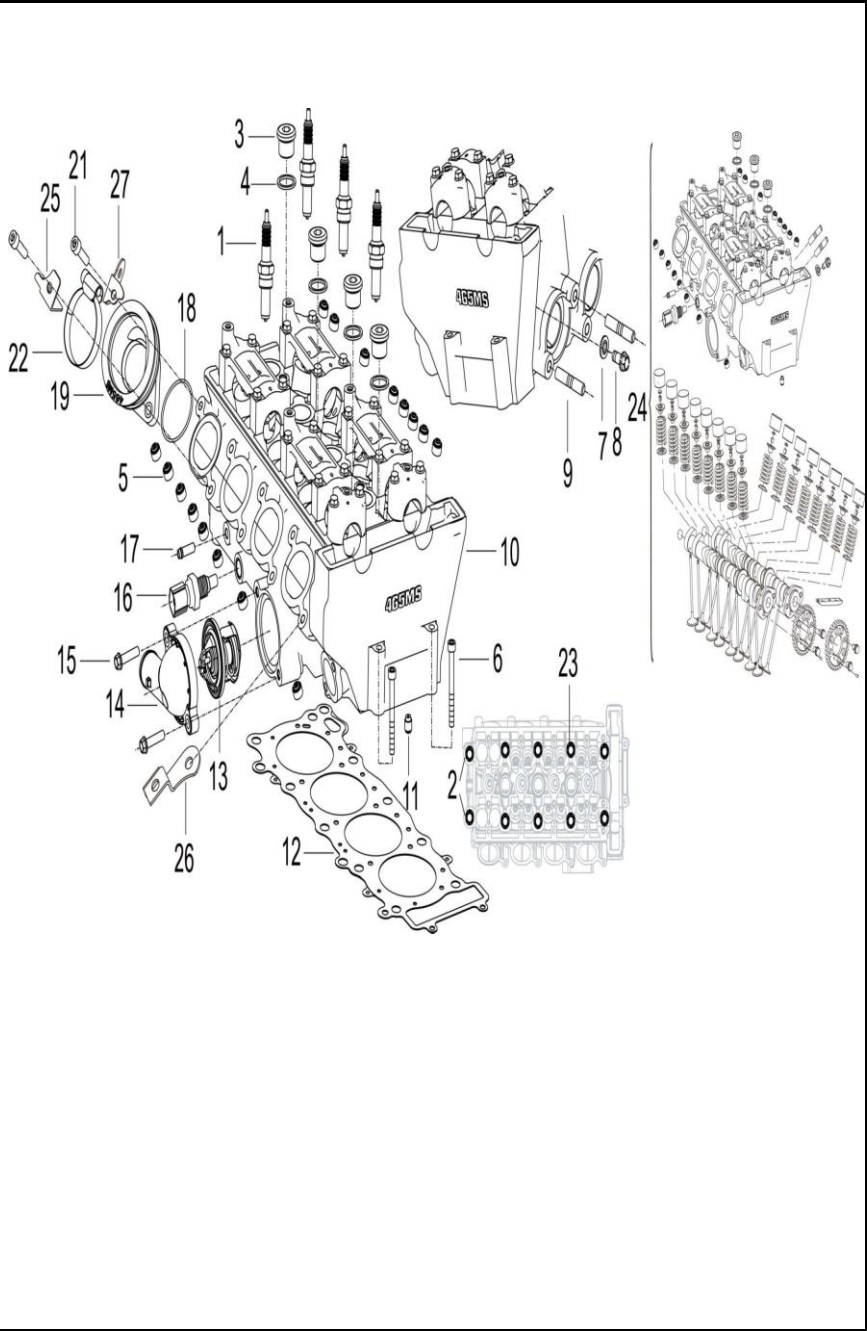


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	299073160000	BUJIA	4	11049473
2	100236030000	TORNILLO	2	11049900
3	150136030100	TORNILLO TAPON M20	3	11049993
4	100126030000	ANILLO RETENEDOR	3	11049898
5	120126030000	RETEN VALVULA	16	11049940
6	B0205060608H	TORNILLO 6X60	2	11065667
7	120133090002	ARANDELA	1	11049941
8	160106030100	TORNILLO 6X12	1	11050027
9	12003505011X	ESPARRAGO 8X36.5	8	11065404
10	109056030010	CULATA	1	11065399
11	120166030100	INYECTOR DE ACEITE	1	11049943
12	100196030000	EMPAQUE CULATA	1	11065392
13	100186030000	TERMOSTATO	1	11065391
14	100306030010	ACOPLE TERMOSTATO	1	11065395
15	160106030120	TORNILLO 6X25	2	11050028
16	100096030000	SENSOR TEMPERATURA AGUA	1	11065389
17	100106030000	CONDUCTO CULATA	1	11049897
18	160056090000	ANILLO RETENEDOR 41X1.78	4	11050021
19	280146030000	CONECTOR CULATA	4	11050177
21	B0205060206H	TORNILLO 6X20	8	11050516
22	280426030000	ABRAZADERA	4	11050188
23	100236030000	TORNILLO	8	11049900
24	100376030000	CULATA COMPLETA	1	11065396
25	110016220020	PLATINA SOPORTE I CONECTOR CULATA	1	11065400
26	110126030000	PLATINA SOPORTE ACOPLE TERMOSTATO	1	11065403
27	280616060000	PLATINA SOPORTE II CONECTOR CULATA	1	11065468

12

1 2 3 4

1 2 3 4

1 2 3 4

1 2 3 4

5 6 8 8

13 14 15 16

10

for example

write 4836

4836

mark: 611

code	colour
170116030000	yellow
170116030010	blue
170116030020	green

8*

3

Diagram illustrating the components of a bicycle rear wheel assembly, showing various parts numbered 1 through 23. The diagram includes a main exploded view and two detailed insets for parts 19 and 5.

for examples

CODE THICKNESS	
120096030000	1.600mm
120096030020	1.625mm
120096030021	1.650mm
120096030022	1.675mm
120096030023	1.700mm
120096030024	1.725mm
120096030025	1.750mm
120096030026	1.775mm
120096030027	1.800mm
120096030028	1.825mm
120096030029	1.850mm
120096030030	1.875mm
120096030031	1.900mm
120096030032	1.925mm
120096030033	1.950mm
120096030034	1.975mm
120096030035	2.000mm
120096030036	2.025mm
120096030037	2.050mm
120096030038	2.075mm
120096030039	2.100mm
120096030040	2.125mm
120096030041	2.150mm
120096030042	2.175mm
120096030043	2.200mm
120096030044	2.225mm
120096030045	2.500mm
120096030046	2.275mm

4

for examples 2

CODE	THICKNESS
120096030000	1.600mm
120096030020	1.625mm
120096030021	1.650mm
120096030022	1.675mm
120096030023	1.700mm
120096030024	1.725mm
120096030025	1.750mm
120096030026	1.775mm
120096030027	1.800mm
120096030028	1.825mm
120096030029	1.850mm
120096030030	1.875mm
120096030031	1.900mm
120096030032	1.925mm
120096030033	1.950mm
120096030034	1.975mm
120096030035	2.000mm
120096030036	2.025mm
120096030037	2.050mm
120096030038	2.075mm
120096030039	2.100mm
120096030040	2.125mm
120096030041	2.150mm
120096030042	2.175mm
120096030043	2.200mm
120096030044	2.225mm
120096030045	2.500mm
120096030046	2.275mm

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

- 1**: The main cylindrical housing or motor body.
- 2**: A circular cover or end plate for the housing.
- 3**: A mounting bracket or arm attached to the side of the housing.
- 4**: A small pin or screw used for assembly.
- 5**: A small gear or impeller component.
- 6**: A large gear or impeller with multiple teeth.
- 7**: A rectangular plate or cover with mounting holes.
- 8**: A cable or hose with a connector.
- 9**: A large rectangular plate or cover, shown with dashed lines indicating its position.
- 10**: A circular component, possibly a seal or a small gear, located between the main housing and the large plate.
- 11**: A rectangular plate or cover, shown with dashed lines indicating its position.

6

FIGURA N°6: CARCASA CENTRO MOTOR

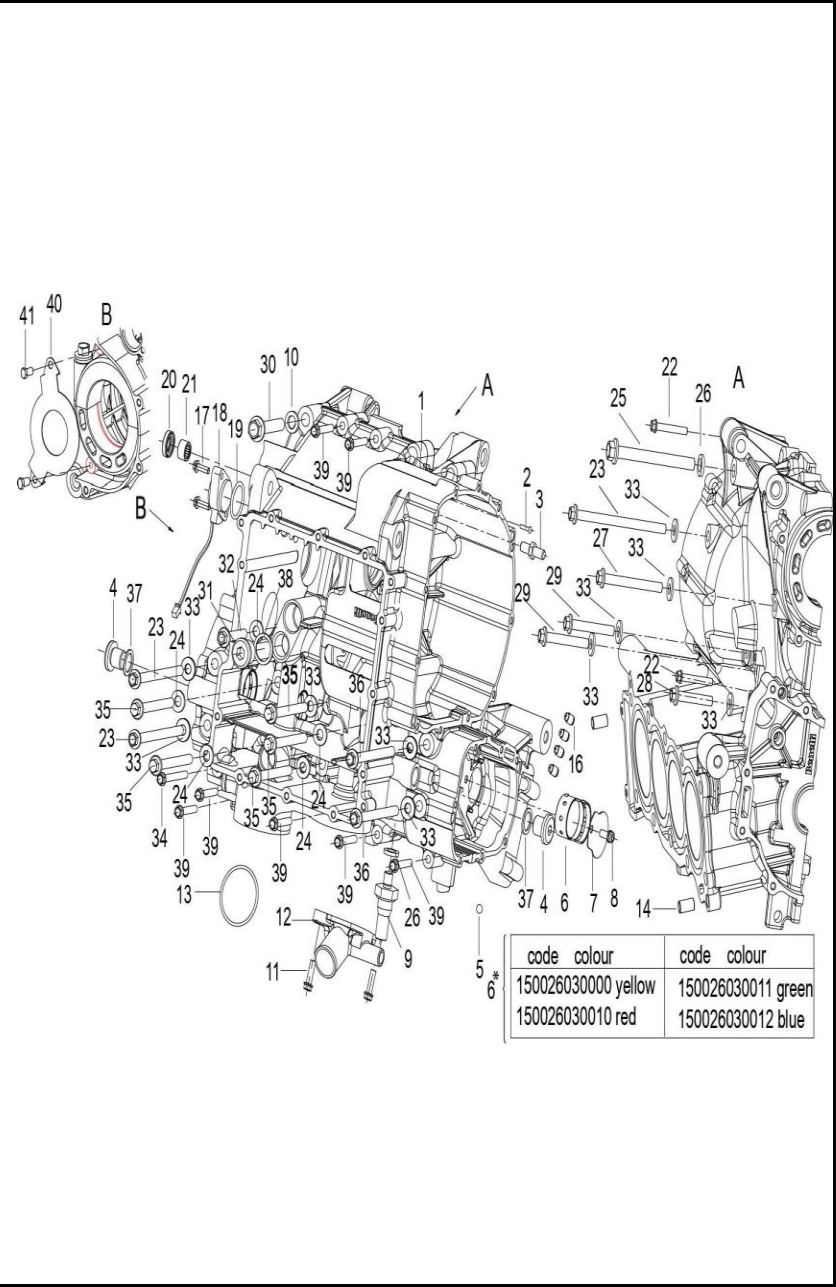


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	150146030020	CARCASA MOTOR	1	11065414
2	150126030100	REMACHE 3X13	1	11049319
3	150116030100	EJE AJUSTE POSICION	1	11049990
4	150086030100	TORNILLO TAPON M13	3	11049987
5	B06010240000	BALIN	1	11065679
6	150026030000	CASQUETE CARCASA AMARILLO	10	11051782
6	150026030010	CASQUETE CARCASA ROJO	10	11051783
6	150026030011	CASQUETE CARCASA VERDE	10	11051784
6	150026030012	CASQUETE CARCASA AZUL	10	11051785
7	150096030000	PLATINA DE AJUSTE	1	11065411
8	B0205060128H	TORNILLO 6X12	1	11050515
9	240026090000	SWICHE PRESION DE ACEITE	1	11050125
10	240056090000	ARANDELA DE SELLADO 11X18X3	1	11050126
11	270156030010	TORNILLO 6X20	2	11050158
12	150356030010	ACOPLE ENTRADA AGUA	1	11065417
13	150066030000	ANILLO RETENEDOR 46X2.4	1	11049985
14	150056030000	PIN GUIA	2	11049983
16	120166030100	INYECTOR DE ACEITE	4	11049943
17	150316030180	TORNILLO	2	11050015
18	150196030020	SENSOR DE CAMBIOS	1	11050004
19	B190102580B0	ANILLO RETENEDOR	1	11050581
20	150025040000	RETEN	1	11049979
21	B1212K121002	RODAMIENTO AGUJAS 12X16X10	1	11049842
22	150316030150	TORNILLO 6X40	2	11050013
23	150316030130	TORNILLO 8X115	3	11050011

The diagram shows an exploded view of a Kubota tractor engine assembly. Key components are labeled with numbers: 1 (Engine Block), 2 (Flywheel), 3 (Flywheel Nut), 4 (Flywheel Key), 6 (Flywheel Shim), 7 (Flywheel Bolt), 8 (Flywheel Washer), 9 (Piston Pin), 10 (Piston Pin Nut), 11 (Piston Pin Seal), 12 (Piston Pin Seal O-ring), 13 (Piston Pin Seal O-ring), 14 (Piston Pin Seal O-ring), 16 (Piston Pin Seal O-ring), 17 (Piston Pin Seal O-ring), 18 (Piston Pin Seal O-ring), 19 (Piston Pin Seal O-ring), 20 (Piston Pin Seal O-ring), 21 (Piston Pin Seal O-ring), 22 (Piston Pin Seal O-ring), 23 (Piston Pin Seal O-ring), 24 (Piston Pin Seal O-ring), 25 (Piston Pin Seal O-ring), 26 (Piston Pin Seal O-ring), 27 (Piston Pin Seal O-ring), 28 (Piston Pin Seal O-ring), 29 (Piston Pin Seal O-ring), 30 (Piston Pin Seal O-ring), 31 (Piston Pin Seal O-ring), 32 (Piston Pin Seal O-ring), 33 (Piston Pin Seal O-ring), 34 (Piston Pin Seal O-ring), 35 (Piston Pin Seal O-ring), 36 (Piston Pin Seal O-ring), 37 (Piston Pin Seal O-ring), 38 (Piston Pin Seal O-ring), 39 (Piston Pin Seal O-ring), 40 (Piston Pin Seal O-ring), 41 (Piston Pin Seal O-ring). The diagram also includes a table with color codes for the parts.

code	colour	code	colour
150026030000	yellow	150026030011	green
150026030010	red	150026030012	blue

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

- 1:** A small screw or pin.
- 2:** A large, curved outer housing or cover plate.
- 3:** A circular flange or gasket.
- 4:** A small ring or washer.
- 5:** A small circular component, possibly a seal or O-ring.
- 6:** A small pin or screw.
- 7:** A small pin or screw.
- 8:** A small pin or screw.
- 9:** A complex internal assembly, possibly a pump head or motor core.
- 10:** A small pin or screw.
- 11:** A large, flat, rectangular plate or gasket.
- 12:** A small pin or screw.
- 13:** A small pin or screw.
- 14:** A small pin or screw.
- 15:** A large, curved outer housing or cover plate, similar to part 2 but with different internal features.

The diagram shows the relative positions and assembly sequence of these components, with dashed lines indicating the alignment and fit of the parts.

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This exploded view diagram illustrates the assembly of a motorcycle engine cover. The components are identified by the following numbers:

- 1**: Screws used for securing the cover to the engine block.
- 2**: The main engine cover plate.
- 3**: The engine block.
- 4**: Screws used for securing the cover to the side of the engine block.
- 5**: A circular gasket or seal.
- 6**: A screw used for securing the gasket.
- 7**: A central bolt or screw passing through the cover plate.

10

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

- 1, 2, 3, 5:** Various small fasteners and spacers.
- 4:** A long axle or shaft component.
- 6:** A large, irregularly shaped outer rim or fender.
- 7:** A small circular component, possibly a seal or washer.
- 8:** A small circular component, possibly a seal or washer.
- 9:** A large, circular hub or disc with radial spokes.
- 10:** Small circular components, possibly seals or washers, located at the rim of the hub.
- 11:** A small circular component, possibly a seal or washer.
- 12:** A small, L-shaped bracket or support.
- 13:** A small circular component, possibly a seal or washer.
- 14:** Multiple small circular components, possibly seals or washers, located around the perimeter of the hub.
- 15:** A bracket grouping parts 1, 2, 3, and 5.
- 16:** A bracket grouping the entire assembly from part 4 down to the hub (part 9).

11

This diagram shows an exploded view of a mechanical assembly, likely a gearbox or a similar rotating component. The parts are numbered 1 through 15. The assembly consists of a series of gears (5, 6, 9, 16, 17, 18) mounted on shafts (4, 11). The gears are connected in a sequence, with some having multiple teeth (e.g., 5, 6, 9, 16, 17, 18). The shafts are supported by bearings (1, 2, 3, 10, 12, 13, 14, 15) and other components (7, 8, 10, 11, 12, 13, 14, 15). The diagram is a technical drawing showing the relative positions and assembly sequence of the parts.

FIGURA N°11: SISTEMA DE TRANSMISIÓN

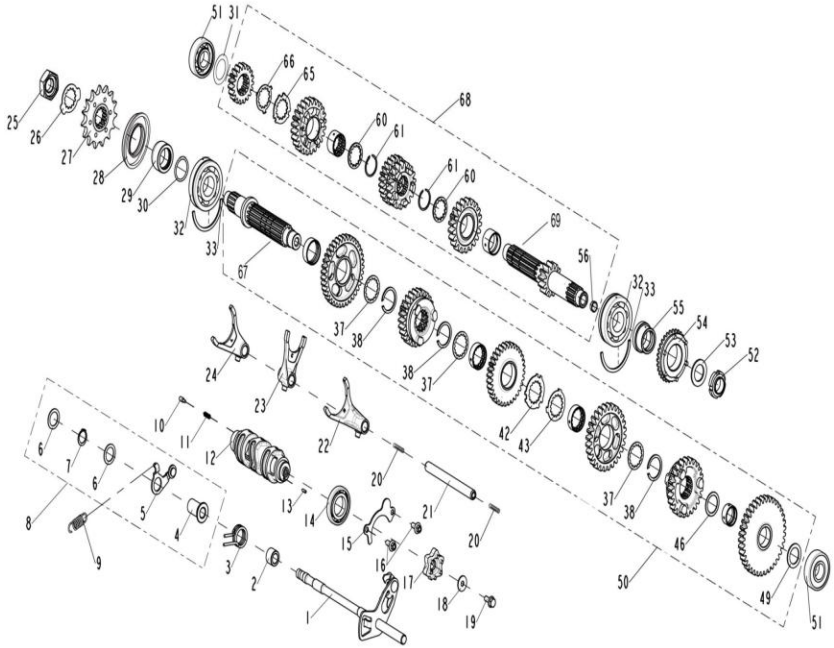


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	219376030000	EJE CAMBIOS	1	11065447
2	210046030000	BUJE EJE CAMBIOS	1	11050084
3	210056030000	RESORTE EJE CAMBIOS	1	11050085
4	210396030000	ACOPLE RESORTE EJE CAMBIOS	1	11050110
5	210416030010	LEVA EJE SELECTOR CAMBIOS	1	11049408
6	210406030000	ARANDELA	2	11050111
7	B08010001701	PIN DE SEGURIDAD 17 MM.	1	11050558
8	210386030010	SET MONTAJE EJE CAMBIOS	1	11065442
9	210026030000	RESORTE LEVA EJE SELECTOR CAMBIOS	1	11049390
10	210323090000	EMPUJADOR EJE SELECTOR CAMBIOS	1	11049404
11	210313090000	RESORTE EJE SELECTOR CAMBIOS	1	11049403
12	219056030000	EJE SELECTOR CAMBIOS	1	11050115
13	210356030000	PIN EJE SELECTOR CAMBIOS	1	11049405
14	B12016600501	RODAMIENTO BOLAS 16005	1	11050573
15	210036030000	PLATINA SOPORTE	1	11050083
16	B0109060146H	TORNILLO 6X14	2	11050497
17	210366030000	ESTRELLA EJE SELECTOR CAMBIOS	1	11050108
18	210376030000	ARANDELA	1	11050109
19	B0107060156H	TORNILLO 6X15	1	11049749
20	210016030000	RESORTE EJE HORQUILLA CAMBIOS	2	11050082
21	219086030000	EJE HORQUILLA CAMBIOS	1	11050117
22	219126030000	HORQUILLA CAMBIOS DERECHA	1	11050120
23	219116030000	HORQUILLA CAMBIOS CENTRAL	1	11050119
24	219106030000	HORQUILLA CAMBIOS IZQUIERDA	1	11050118
25	210196030000	TUERCA M18	1	11050095
26	210306030000	PLATINA PINON SALIDA	1	11050104

FIGURA N°11: SISTEMA DE TRANSMISIÓN

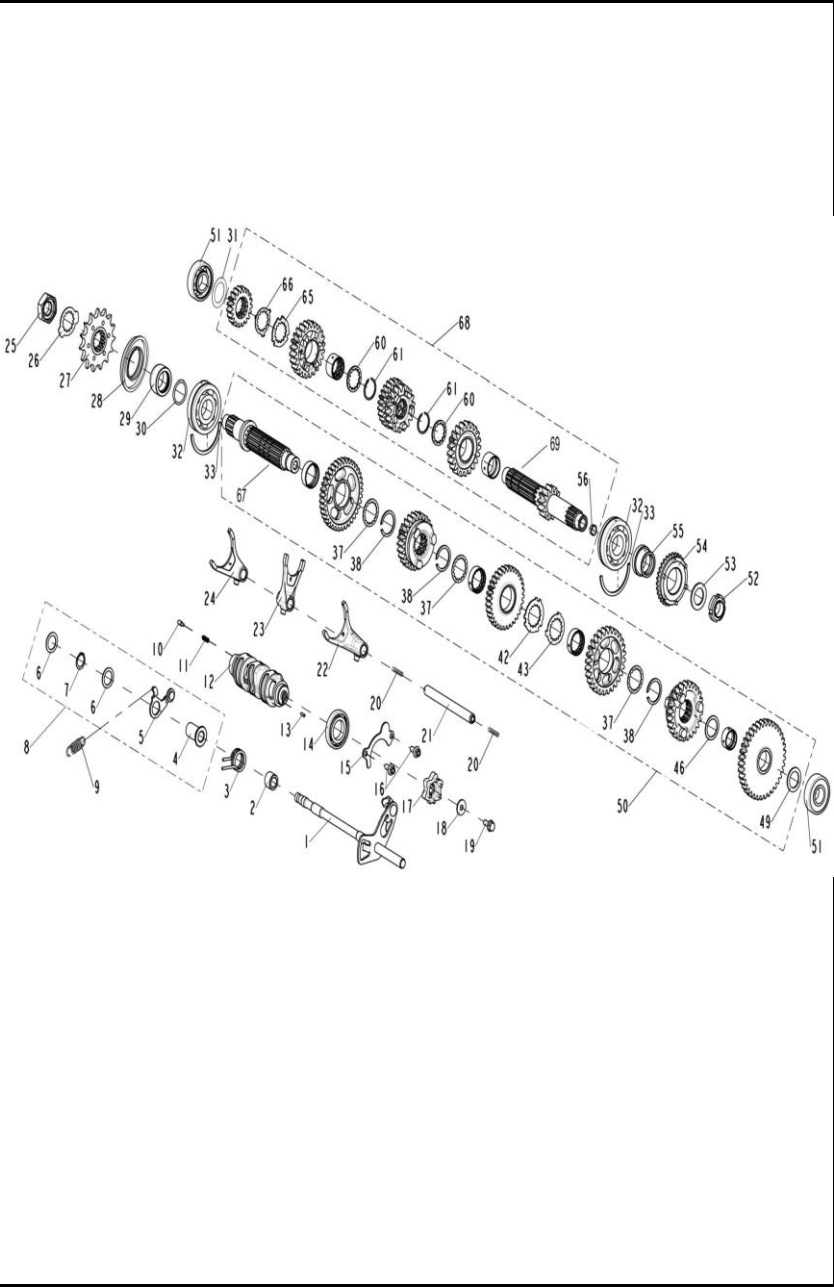


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
27	219296030000	PINON DE SALIDA	1	11050123
28	210216030010	RETEN	1	11050097
29	210206030000	BUJE	1	11050096
30	210316030000	ANILLO RETENEDOR 25X2.5	1	11050105
31	210566030010	ARANDELA	1	11050112
32	210136030010	RODAMIENTO BOLAS	2	11050090
33	210186030000	PIN DE SEGURIDAD	2	11050094
37	210236030000	ARANDELA	3	11050098
38	210246030000	PIN DE SEGURIDAD 28 MM.	3	11050099
42	210266030000	ARANDELA	1	11050100
43	210276030000	ARANDELA	1	11050101
46	210326030000	ARANDELA 22X30X1	1	11050106
49	210296030000	ARANDELA	1	11050102
50	219216030000	EJE SALIDA COMPLETO	1	11050122
51	B12016020406	RODAMIENTO BOLAS 6204Z	2	11050569
52	210166030101	TUERCA	1	11050093
53	210156030001	ARANDELA	1	11050092
54	269116030000	PINON BOMBA ACEITE	1	11050149
55	210146030000	BUJE PINON BOMBA ACEITE	1	11065441
56	210556030000	UNION EJE CLUTCH	1	11065443
60	210096030000	ARANDELA	2	11050088
61	210106060000	PIN DE SEGURIDAD 24 MM.	2	11050089
65	210076030000	ARANDELA	1	11050087
66	210066030000	ARANDELA	1	11050086
67	219146030001	EJE SALIDA (SOLO)	1	11065445
68	219136030001	EJE CLUTCH COMPLETO	1	11065444
69	219226030000	EJE CLUTCH (SOLO)	1	11065446

FIGURA N°12: CARTER DEL MOTOR

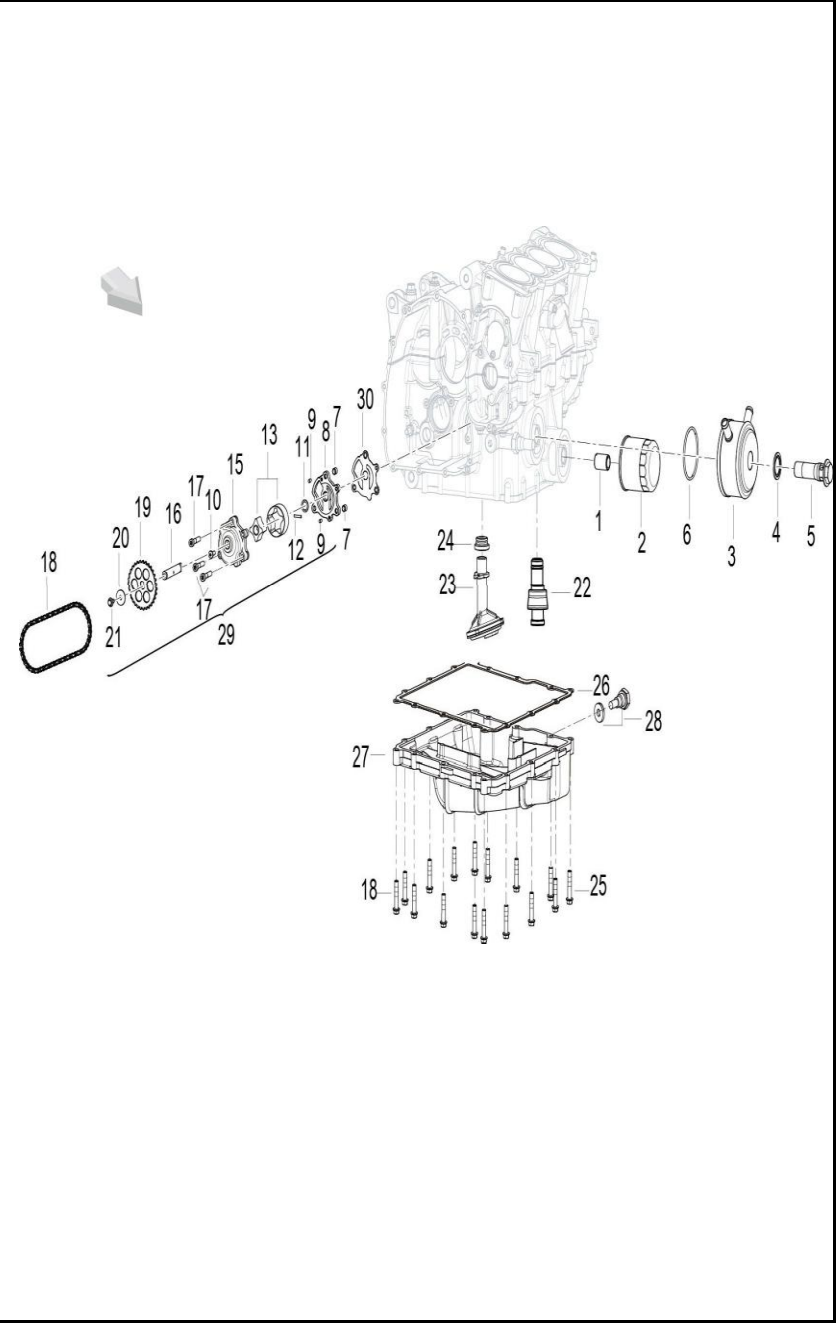


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	160106110000	CONECTOR FILTRO ACEITE	1	11050030
2	260146090010	FILTRO DE ACEITE	1	11050138
3	279236030001	ACOPLE FILTRO DE ACEITE	1	11065464
4	270036030000	ANILLO RETENEDOR	1	11065459
5	270046030100	TORNILLO 20X1.5X70	1	11065460
6	270056030000	ANILLO RETENEDOR	1	11050154
7	200086030000	PIN GUIA 8X8	2	11049375
8	269106030000	ACOPLE CUERPO BOMBA ACEITE	1	11065458
9	B091403008A1	PIN BOMBA DE ACEITE	2	11065359
10	B02000501623	TORNILLO 6X16	1	11065666
11	260086030000	ARANDELA	1	11050135
12	B090103016B0	PIN PASADOR	1	11050563
13	260066030000	ROTOR BOMBA DE ACEITE	1	11065451
15	269096030000	CUERPO BOMBA DE ACEITE	1	11065457
16	269086030000	PASADOR BOMBA DE ACEITE	1	11065456
17	B0107060406H	TORNILLO 6X40	3	11049754
18	269056030000	CADENILLA BOMBA DE ACEITE	1	11050145
19	260116030000	PIÑON BOMBA DE ACEITE	1	11065452
20	260106030000	ARANDELA 5X20X1.5	1	11050136
21	B01070501063	TORNILLO 5X10	1	11050491
22	260126030010	VALVULA DE REDUCCION	1	11050137
23	260186030000	FILTRO CENTRIFUGO	1	11065453
24	260036030000	SELLO FILTRO CENTRIFUGO DE ACEITE	1	11050133
25	160106030130	TORNILLO 6X30	16	11050029
26	260026030000	EMPAQUE CARTER ACEITE	1	11065450
27	170056030010	CARTER ACEITE	1	11065427
28	260346030010	TORNILLO DRENAJE ACEITE	1	11050139
29	269016030001	BOMBA DE ACEITE COMPLETA	1	11065455
30	260236030000	EMPAQUE BOMBA DE ACEITE	1	11065454

This diagram shows an exploded view of a mechanical assembly, likely a pump or motor component. The parts are numbered 1 through 17. The assembly consists of a main housing (14) with a central shaft (8) passing through it. The shaft is supported by bearings (3, 6) and a seal (5). A fan or impeller (15) is mounted on the shaft. The housing has a flange (11) with mounting holes (9, 12, 13). A bracket (1) is attached to the housing. A cover (4) is shown partially assembled over the housing. A long shaft (8) extends from the housing, with a nut (6) and a washer (17) at the end. A small component (7) is also shown at the end of the shaft.

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FIGURA N°14: CUERPO DE ACELERACIÓN

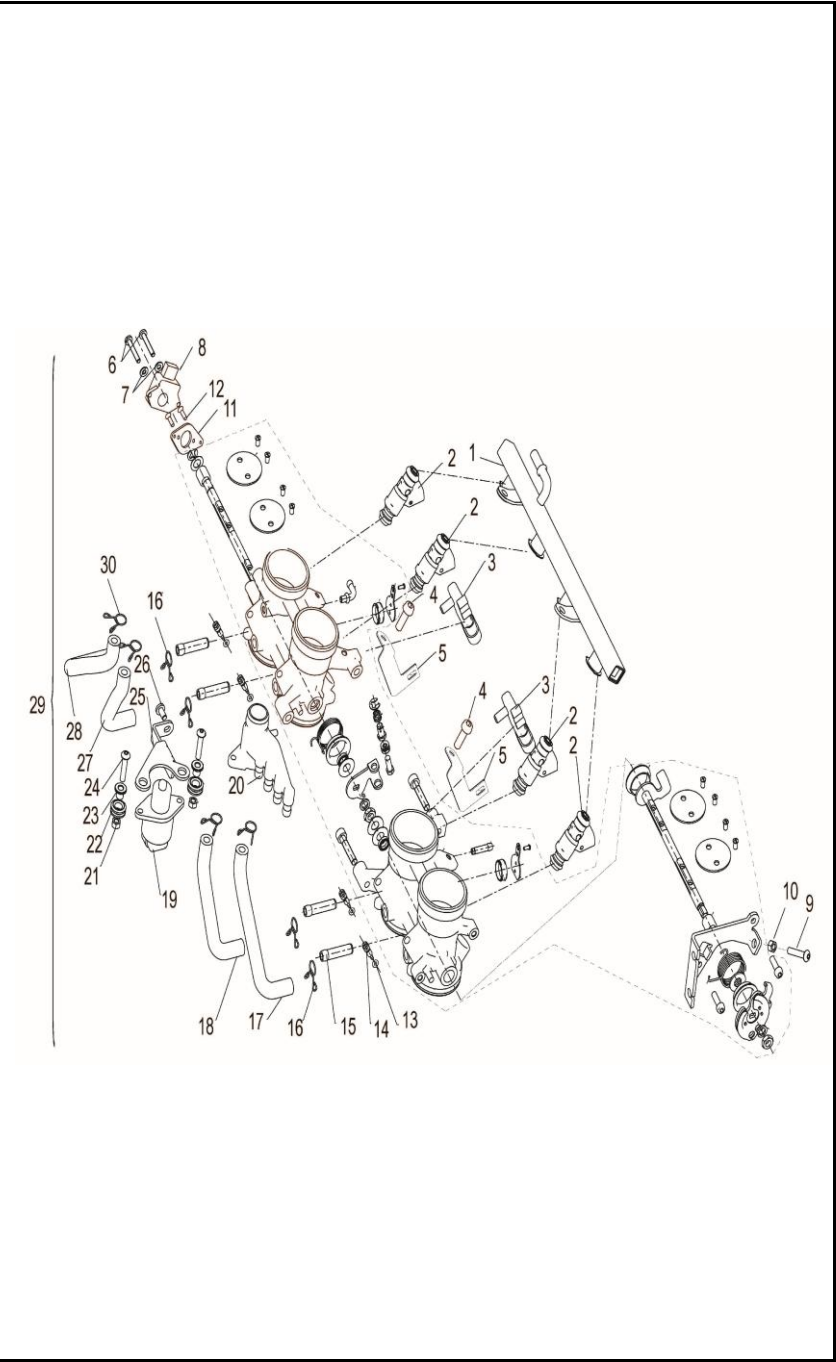


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	280086030000	CONDUCTO DE GASOLINA	1	11065465
2	289036030000	INYECTOR GASOLINA	4	11051866
3	280106220000	SENSOR PRESION AIRE	2	11049465
4	B02040501629	TORNILLO	2	11050513
5	280406030000	SOPORTE SENSOR PRESION AIRE	2	11065466
6	B13080401029	TORNILLO 4X10	2	11050574
7	65705S010000	ARANDELA 4.3X9X0.8	2	11052457
8	280756030010	SENSOR POSICION ACELERADOR	1	11050196
9	B02000502529	TORNILLO 5X25	1	11050507
10	B04000500059	TUERCA	1	11050537
11	280116130000	BAQUELA SENSOR POSICION ACELERADOR	1	11050176
12	B02010401225	TORNILLO 4X12	1	11050509
13	280416090000	ANILLO RETENEDOR	4	11050187
14	280406090000	TORNILLO AJUSTE MEZCLA	4	11050186
15	280716030000	CONDUCTO DE PRESION	4	11050195
16	06103N140000	ABRAZADERA 13 MM.	4	11049864
17	280636030000	MANGUERA CUERPO DE INYECCION	1	11065470
18	280626030000	MANGUERA CUERPO DE INYECCION	1	11065469
19	280476030000	VALVULA CONTROL DE AIRE	1	11051860
20	280646030000	CUERPO DE DISTRIBUCCION	1	11051864
21	B04000500059	TUERCA	2	11050537
22	57039S010000	CAUCHO	2	11050385
23	49004S010000	BUJE	2	11051905
24	B02000502529	TORNILLO 5X25	2	11050507
25	280396030000	PLATINA SOPORTE	1	11050185
26	B02000501029	TORNILLO 5X10	1	11050505
27	280616030000	MANGUERA CUERPO DE INYECCION	1	11051863
28	280606030000	MANGUERA CUERPO DE INYECCION	1	11051862
29	289006030080	CUERPO DE INYECCION COMPLETO	1	11065471
30	B00010130007	ABRAZADERA 13 MM.	4	11065661

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

- 1**: Main lighting housing with a lens.
- 2**: A small connector or plug.
- 3**: A long, flexible, corrugated protective sleeve.
- 4**: A small screw or pin.
- 5**: A small washer or spacer.
- 6**: A small nut or washer.
- 7**: A small O-ring or seal.
- 8**: A small nut or washer.
- 9**: A small pin or screw.
- 10**: A cylindrical mounting bracket or housing.
- 11**: A small connector or plug.
- 12**: A small connector or plug.
- 13**: A small O-ring or seal.
- 14**: A small pin or screw.
- 15**: A long, flexible cable with multiple conductors.
- 16**: A small connector or plug.
- 17**: A long, flexible cable with multiple conductors.
- 18**: A small connector or plug.
- 19**: A small connector or plug.
- 20**: A small connector or plug.
- 21**: A small O-ring or seal.

The diagram shows the assembly sequence, with parts 4, 5, 6, 7, 8, and 9 shown in an exploded view at the top left. Part 1 is shown in an exploded view at the top right. Part 3 is shown in an exploded view in the center. Part 10 is shown in an exploded view at the bottom right. Part 11 is shown in an exploded view at the bottom left. Part 12 is shown in an exploded view at the bottom center. Part 13 is shown in an exploded view at the bottom left. Part 14 is shown in an exploded view at the bottom center. Part 15 is shown in an exploded view at the bottom left. Part 16 is shown in an exploded view at the bottom center. Part 17 is shown in an exploded view at the bottom center. Part 18 is shown in an exploded view at the bottom right. Part 19 is shown in an exploded view at the bottom center. Part 20 is shown in an exploded view at the bottom center. Part 21 is shown in an exploded view at the bottom right.

FIGURA N°16: SUSPENSIÓN DELANTERA

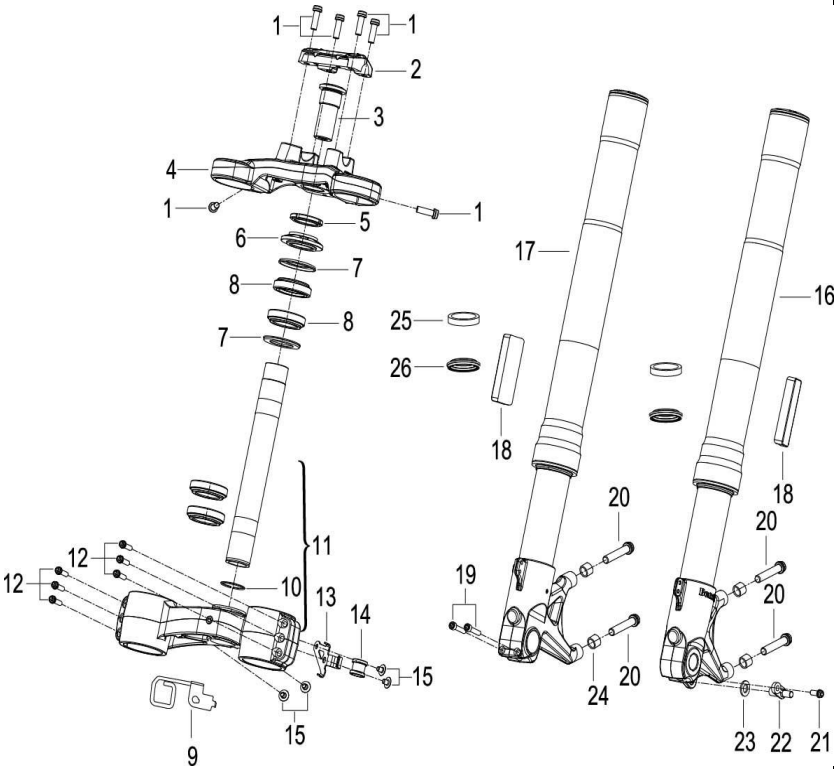


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	B0281080256H	TORNILLO 8X1.25X25	6	11050531
2	43014P320000	SOPORTE SUPERIOR MANUBRIO	1	11065487
3	43049P250000	CAUCHO SUPERIOR CABEZA ESPIGA	1	11050243
4	43011P250001	CABEZA ESPIGA	1	11065486
5	43008S010010	TUERCA CABEZA ESPIGA	1	11050238
6	43009S010000	TUERCA ESPIGA CENTRAL	1	11065485
7	43005S010000	GUARDAPOLVO	2	11050236
8	43130S010000	RODAMIENTO DIRECCION	2	11050246
9	45350P250000	GUIA MANGUERA FRENO DELANTERO	1	11065494
10	43103S010000	ANILLO RETENEDOR	1	11050245
11	43100P250002	ESPIGA CENTRAL	1	11065488
12	B02810602562	TORNILLO 6X25	6	11049793
13	43151P250001	GUIA MANGUERA FRENO TRASERO IZQUIERDA	1	11050247
14	45353S050000	CONDUCTO GUIA MANGUERA FRENO	1	11050286
15	B02830600862	TORNILLO 6X8	4	11049794
16	43200P250000	TUBO TELESCOPICO IZQUIERDO COMPLETO	1	11065489
17	43300P300030	TUBO TELESCOPICO DERECHO COMPLETO	1	11065490
18	86200P250000	REFLECTIVO FRONTAL LATERAL	2	11050468
19	B02810603062	TORNILLO 6X30	2	11050527
20	08029S020010	TORNILLO 10X1.25X55	4	11049882
21	B02810601462	TORNILLO 6X14	1	11051678
22	45710P250000	SENSOR VELOCIDAD RUEDA DELANTERA	1	11050292
23	43283P100010	ARANDELA 11.5X6X0.4	1	11065356
24	130015090000	PIN GUIA	4	11049972
25	43260P250000	RETEN TUBO TELESCOPICO	2	11050256
26	43290P250000	GUARDAPOLVO TUBO TELESCOPICO	2	11050257

This exploded view diagram illustrates the assembly of a wheel. The components are numbered as follows: 1. Axle; 2. Axle pin; 3. Disc; 4. Tire; 5. Wheel rim; 6. Hub; 7. Disc; 8. Disc pin; 9. Disc pin. The diagram shows the relative positions and assembly sequence of these parts.

20

This exploded view diagram illustrates the components of a vehicle's fuel system. The main assembly includes a fuel tank (1) with a fuel pump (14) and fuel filter (11) mounted on top. Fuel lines (4, 5, 16, 17) connect the pump to the fuel injectors (3) and the fuel filter. The fuel filter is shown with its housing (13) and filter element (12). The fuel injectors are shown with their nozzles (3) and electrical connectors (2). The fuel tank is shown with its mounting brackets (18, 19, 20, 21, 22, 23) and fuel lines (24, 25). The fuel filter is shown with its mounting brackets (11, 12, 13, 30, 31, 32) and fuel lines (2, 29, 30, 31, 32). The fuel injectors are shown with their mounting brackets (2, 15, 16, 17) and fuel lines (2, 15, 16, 17). The fuel tank is shown with its mounting brackets (18, 19, 20, 21, 22, 23) and fuel lines (24, 25). The fuel filter is shown with its mounting brackets (11, 12, 13, 30, 31, 32) and fuel lines (2, 29, 30, 31, 32). The fuel injectors are shown with their mounting brackets (2, 15, 16, 17) and fuel lines (2, 15, 16, 17).

21

This diagram illustrates the assembly of a vehicle's fuel system. The main components and their assembly sequence are as follows:

- Fuel Tank (1):** The central component, shown in an exploded view with its internal structure and mounting points.
- Fuel Pump (3):** Located at the top right, it is the primary source of fuel pressure.
- Fuel Filter (11):** A cylindrical component that filters the fuel before it reaches the injectors.
- Fuel Lines (2, 4, 5, 16, 17):** Various hoses and pipes that transport fuel from the pump and filter to the injectors.
- Fuel Injectors (12, 13, 30, 31):** Components that spray fuel into the combustion chamber.
- Fuel Nozzles (20, 21, 22, 23):** Small components that attach to the end of the fuel lines.
- Fuel Tank Mounting (24, 25):** Components that secure the fuel tank to the vehicle's frame.
- Fuel Tank Cap (26):** The cap for the fuel tank, shown at the bottom right.
- Fuel Tank Mounting (27, 28):** Components that secure the fuel tank to the vehicle's frame.
- Fuel Tank Mounting (29, 32):** Components that secure the fuel tank to the vehicle's frame.

The diagram uses numbered callouts to identify each part and its assembly sequence. The fuel tank (1) is the central component, and the fuel pump (3) is the primary source of fuel pressure. The fuel filter (11) filters the fuel before it reaches the injectors. The fuel lines (2, 4, 5, 16, 17) transport fuel from the pump and filter to the injectors. The fuel injectors (12, 13, 30, 31) spray fuel into the combustion chamber. The fuel nozzles (20, 21, 22, 23) attach to the end of the fuel lines. The fuel tank mounting (24, 25) secures the fuel tank to the vehicle's frame. The fuel tank cap (26) is the cap for the fuel tank. The fuel tank mounting (27, 28) secures the fuel tank to the vehicle's frame. The fuel tank mounting (29, 32) secures the fuel tank to the vehicle's frame.

FIGURA N°19: SILENCIADOR

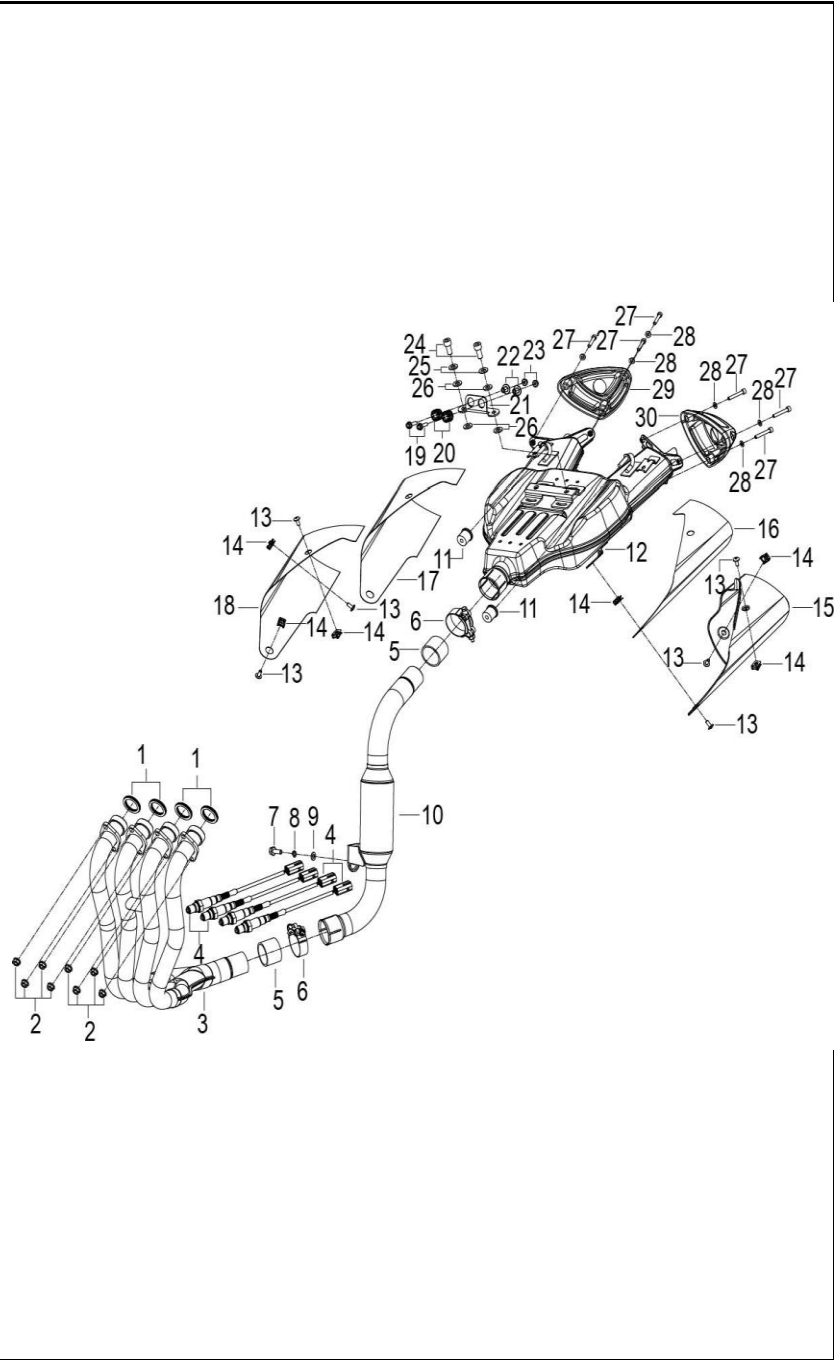


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	47800P250000	EMPAQUE SILENCIADOR	4	11049552
2	B0407080005H	TUERCA M8	8	11050540
3	47500P320010	EXTENSION TUBO ESCAPE	1	11065506
4	280586030020	SENSOR DE OXIGENO	4	11052087
5	47035P250000	EMPAQUE TUBO ESCAPE	2	11050295
6	48830P290000	ABRAZADERA	2	11050303
7	B0109080206K	TORNILLO 8X20	1	11051330
8	B0700000080H	ARANDELA DE PRESION 8 MM.	1	11050551
9	B0703000080H	ARANDELA 8 MM.	1	11050555
10	48500P320010	TUBO ESCAPE	1	11065510
11	47028P250000	ANTIVIBRANTE	2	11065503
12	47200P320000	SILENCIADOR	1	11065505
13	B02830601262	TORNILLO 6X12	6	11051679
14	65625J560100	TUERCA DE AJUSTE M6	6	11049694
15	48023P25BG00	PROTECTOR IZQUIERDO SILENCIADOR	1	11065507
16	47025P250000	PROTECTOR TERMICO IZQUIERDO	1	11065502
17	48025P250000	PROTECTOR TERMICO DERECHO	1	11065509
18	47023P25BG00	PROTECTOR DRECHO SILENCIADOR	1	11065500
19	B01820602562	TORNILLO 6X25	2	11051666
20	65821S010000	ANTIVIBRANTE	2	11050450
21	47031P250000	PLATINA SOPORTE SILENCIADOR	1	11065504
22	14003S040000	BUJE	2	11065410
23	B04800600052	TUERCA M6	2	11050543
24	B02051002262	TORNILLO 10X22	2	11050520
25	B0703000100H	ARANDELA 10 MM.	2	11049820
26	47016P250000	ANTIVIBRANTE	4	11065499
27	B0205060406A	TORNILLO 6X40	6	11051668
28	B0703000060A	ARANDELA 6 MM.	6	11051684
29	48024P25C801	CUBIERTA DERECHA SILENCIADOR	1	11065508
30	47024P25C801	CUBIERTA IZQUIERDA SILENCIADOR	1	11065501

This exploded view diagram illustrates the assembly of a boat's transom. The components are numbered as follows:

- 1**: Transom plate
- 2**: Transom hinge pin
- 3**: Transom hinge bush
- 4**: Transom hinge bracket
- 5**: Transom hinge pin
- 6**: Transom hinge bush
- 7**: Transom hinge pin
- 8**: Transom hinge pin
- 9**: Transom hinge pin
- 10**: Transom hinge pin
- 11**: Transom hinge pin
- 12**: Transom hinge pin
- 13**: Transom hinge pin
- 14**: Transom hinge pin
- 15**: Transom hinge pin
- 16**: Transom hinge pin

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

- 1**: Two ventilation tubes at the top of the helmet shell.
- 2**: Two small caps or filters for the ventilation tubes.
- 3**: Two large circular caps for the side vents.
- 4**: The main upper shell of the helmet.
- 5**: A long screw for securing the side cap.
- 6**: A chin strap attachment bracket.
- 7**: A small plastic piece for the chin strap.
- 8**: A small plastic piece for the chin strap.
- 9**: A small plastic piece for the chin strap.
- 10**: A small plastic piece for the chin strap.
- 11**: A square mounting plate for the chin strap.
- 12**: A long, thin strap or cable.
- 13**: Four small screws for mounting the chin strap plate.
- 14**: A circular component, likely a speaker or microphone.
- 15**: A small circular component, likely a speaker or microphone.
- 16**: A small circular component, likely a speaker or microphone.
- 17**: A small circular component, likely a speaker or microphone.
- 18**: A small circular component, likely a speaker or microphone.
- 19**: A long, thin strap or cable.

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FIGURA N°22: SUSPENSIÓN TRASERA

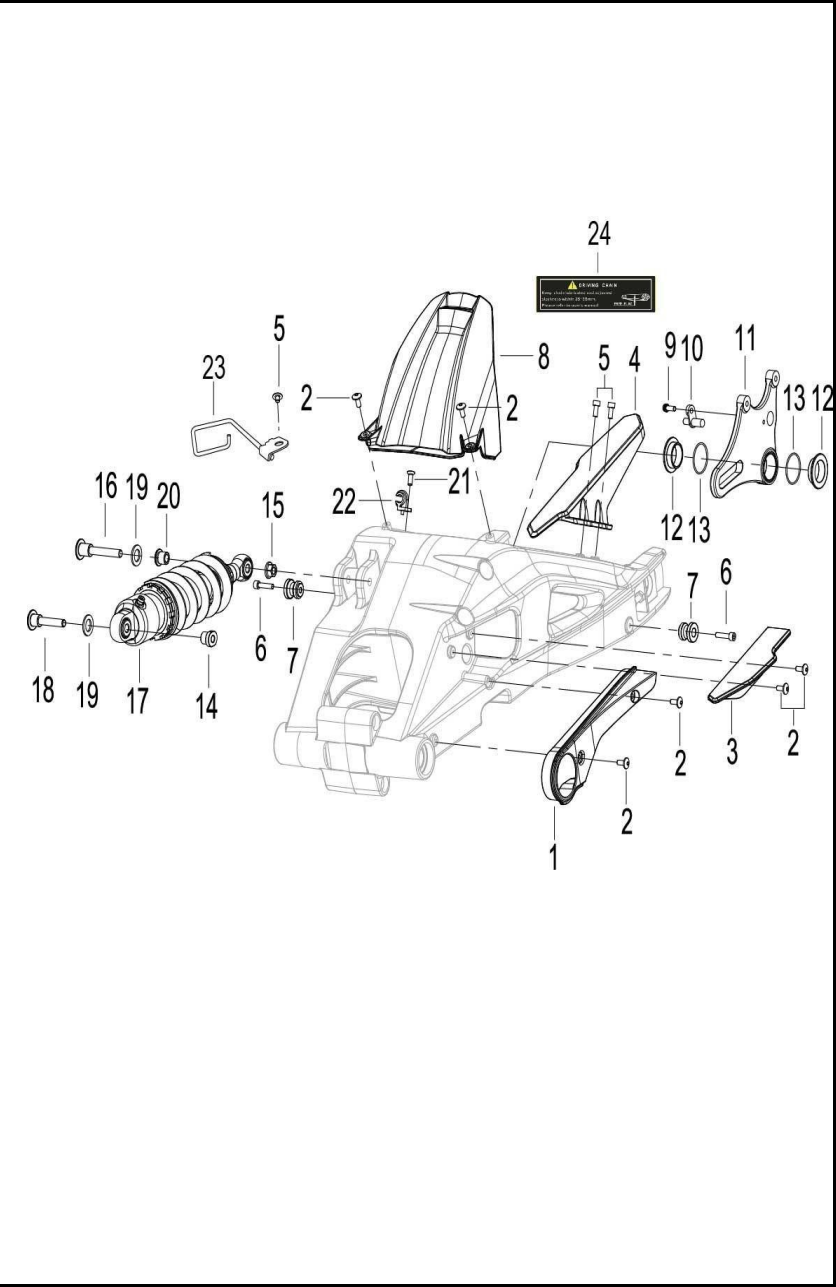


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	53004P260000	PROTECTOR CADENA	1	11065530
2	B0283060146H	TORNILLO 6X14	8	11049795
3	60101P260000	EXTENSION GUARDACADENA	1	11065585
4	60102P260001	GUARDACADENA	1	11065586
5	B02830600862	TORNILLO 6X8	3	11049794
6	B02810602562	TORNILLO 6X25	2	11049793
7	53021P250000	CAUCHO BRAZO OSCILANTE	2	11049592
8	65761P250000	GUARDABARRO TRASERO INTERNO	1	11065635
9	B02810601662	TORNILLO 6X1X16	1	11050526
10	55710P250000	SENSOR VELOCIDAD RUEDA TRASERA	1	11050377
11	55401P250002	SOPORTE CALIPER TRASERO	1	11065546
12	54017P250002	BUJE SOPORTE CALIPER TRASERO	2	11065539
13	B190103650A0	ANILLO RETENEDOR 36.5X1.8	2	11064478
14	57027P250010	BUJE MONOSHOCK	1	11065552
15	B04821012552	TUERCA M10	1	11050546
16	63015P250200	EJE PASADOR MONOSHOCK 10X71	1	11065593
17	63800P250000	MONOSHOCK ROJO	1	11065594
17	63800P250020	MONOSHOCK NEGRO	1	11065595
18	63012P250200	EJE PASADOR MONOSHOCK 10X1.25X59	1	11065591
19	63013P250000	ARANDELA 16X27X2	2	11065592
20	53013P250010	BUJE MONOSHOCK	1	11065532
21	B0201060122H	TORNILLO 6X12	1	11049776
22	40022N050002	ABRAZADERA	1	11057915
23	55040P250001	GUIA MANGUERA FRENO TRASERO	1	11065540

This technical diagram illustrates the assembly of a vehicle chassis, showing the relationship between various components. The main frame consists of two side rails (10 and 11) connected by crossmembers (12 and 13). The front end features a steering knuckle assembly (14, 15, 16) and a shock absorber (17). The rear end includes a shock absorber (14, 15) and a steering knuckle assembly (16, 17). The chassis is supported by a series of springs (1, 2, 3) and a central shaft (4, 5, 6). The diagram uses dashed lines to indicate the assembly sequence and alignment of the parts.

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

- 1**: Axle
- 2**: Two sets of axle nuts
- 3**: Disc brake rotor
- 4**: Tire
- 5**: Hub
- 6**: Wheel rim
- 7**: Spoke
- 8**: Lockring
- 9**: Two sets of lockwashers
- 10**: Two sets of locknuts
- 11**: Flange
- 12**: Gear
- 13**: Bell
- 14**: Two sets of axle nuts
- 15**: Bell bracket
- 16**: Bell nut
- 17**: Bell pin
- 18**: Bell pin

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FIGURA N°25: PARTES DEL CHASIS

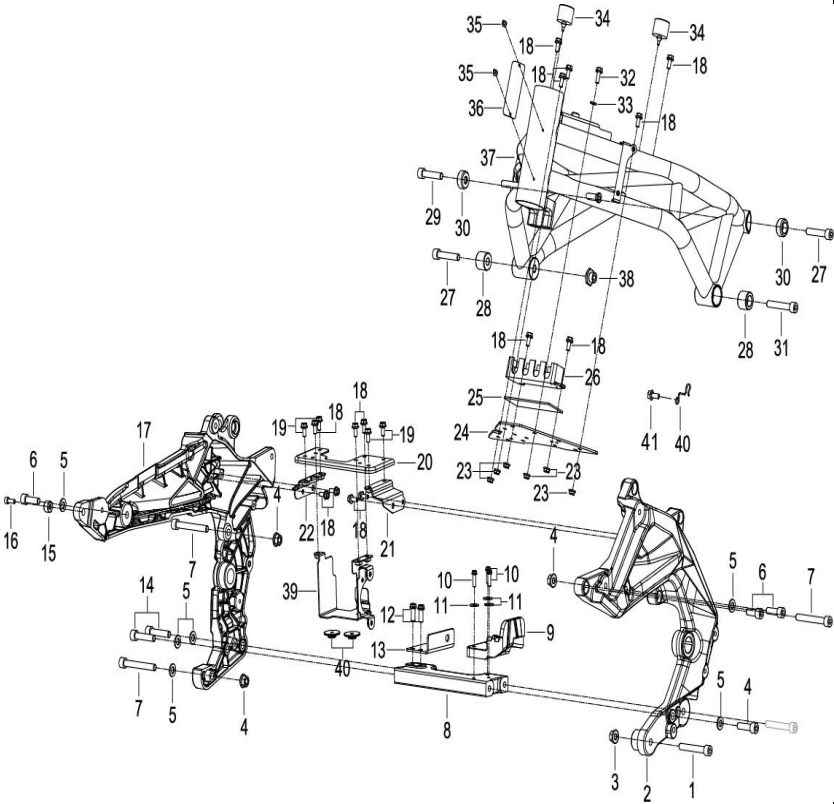


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	B0205100656H	TORNILLO 10X65	1	11065675
2	57211P260001	MARCO CHASIS IZQUIERDO NEGRO MATE	1	11065565
3	B0417100004H	TUERCA M10	4	11051681
4	B02051003562	TORNILLO 10X35	1	11065670
5	B0703000100H	ARANDELA 10 MM.	6	11049820
6	B0205100306H	TORNILLO 10X30	3	11050636
7	B02051007562	TORNILLO 10X75	3	11065676
8	57406P250000	PLACA DE REFUERZO	1	11065568
9	60150P250000	GUARDAPOLVO	1	11065587
10	B02810602562	TORNILLO 6X25	3	11049793
11	B0702000060H	ARANDELA 6 MM.	3	11049818
12	B02810802062	TORNILLO 8X1.25X20	2	11050530
13	58081P250000	SOPORTE SILENCIADOR	1	11065571
14	B02051004562	TORNILLO 10X45	2	11065671
15	57028P250000	TAPON MARCO CHASIS DERECHO	1	11065553
16	B02810602062	TORNILLO 6X1X20	1	11049792
17	57212P260001	MARCO CHASIS DERECHO NEGRO MATE	1	11065566
18	B01820601462	TORNILLO 6X14	14	11051749
19	B01820601062	TORNILLO 6X10	4	11065664
20	57140P250000	PLACA SOPORTE	1	11065562
21	57150P250000	PLATINA SOPORTE IZQUIERDA	1	11065563
22	57160P250000	PLATINA SOPORTE DERECHA	1	11065564
23	B04810600052	TUERCA M6	6	11050544
24	59430P250000	PLATINA AJUSTE GUIA CABLES	1	11065582
25	02142P250000	SOPORTE GUIA CABLES	1	11065362

This technical drawing is an exploded view of a mechanical assembly, likely a hydraulic excavator arm. It shows the main components and their sub-assemblies with numbered callouts (1 through 41) indicating specific parts. The assembly includes a main body, a boom, a dipper, and various hydraulic cylinders and pins. The diagram is oriented horizontally, with the main body on the left and the dipper on the right. The exploded view shows the relative positions and assembly sequence of the parts.

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FIGURA N°26: PARTES DEL SUB-CHASIS

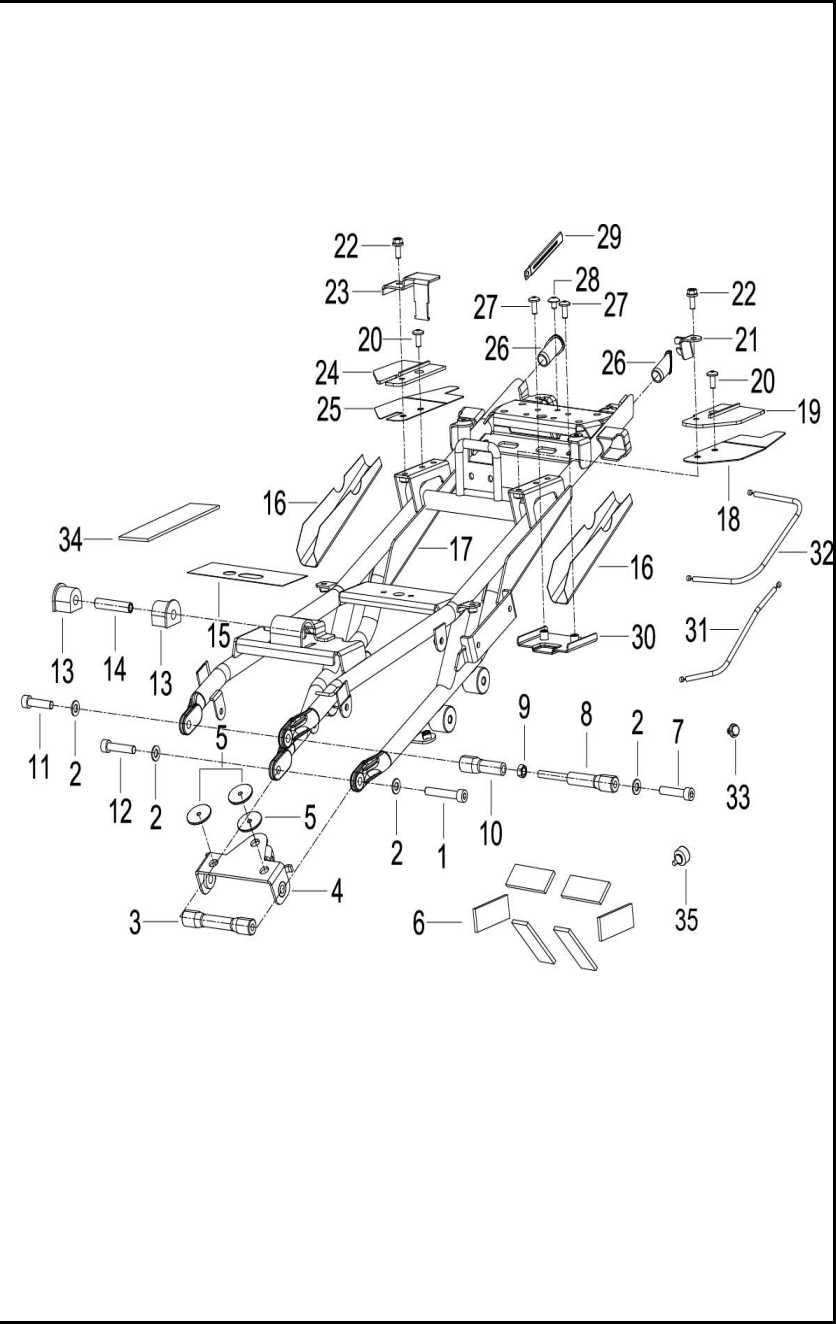


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	08009P250000	TORNILLO 10X1.25X60	1	11065378
2	B0703000080H	ARANDELA 8 MM.	4	11050555
3	57038P250001	PASADOR 10X1.25	1	11065559
4	58750P250010	SOPORTE BATERIA	1	11065578
5	58821P250000	ANTIVIBRANTE	3	11064986
6	58752P250000	ADHESIVO	6	11049650
7	08008P250000	TORNILLO 10X1.25X50	1	11065377
8	57036P250001	PASADOR CHASIS I	1	11065557
9	08051P250000	TUERCA M8	1	11065379
10	57037P250001	PASADOR CHASIS II	1	11065558
11	08007P250000	TORNILLO 10X1.25X45	1	11065376
12	08006P250000	TORNILLO 10X1.25X40	1	11065375
13	50006P250001	CAUCHO CHASIS	2	11064980
14	50221P250010	BUJE	1	11064981
15	57031P250000	PROTECTOR TERMICO I	1	11065554
16	57032P250000	PROTECTOR TERMICO II	2	11065555
18	65615P250000	PROTECTOR TERMICO IZQUIERDO	1	11065618
19	65605P250000	PLACA DE REFUERZO IZQUIERDA	1	11065613
20	B0201060162H	TORNILLO 6X16	2	11050511
21	58851P250200	PLATINA SOPORTE SEGURO SILLIN	1	11065579
22	B01820601462	TORNILLO 6X14	2	11051749
23	57471P250100	PLATINA SOPORTE	1	11065570
24	65609P250000	PLACA DE REFUERZO DERECHA	1	11065617
25	65616P250000	PROTECTOR TERMICO DERECHO	1	11065619

This diagram illustrates the assembly of a mechanical component, likely a hinge or bracket, using 35 numbered parts. The main structure consists of a central frame (17) with two large, curved end plates (16). The assembly includes various mounting brackets (23, 24, 25, 26, 27, 28, 29), pins (20, 21, 22), and a central pivot mechanism (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15). The diagram shows the relative positions of these parts, with dashed lines indicating the assembly path. The parts are numbered as follows: 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.

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This diagram illustrates the assembly of a hydraulic excavator arm. The main body of the arm is shown on the left. To its right, various components are shown in an exploded view, with dashed lines indicating their assembly points. The components are numbered as follows:

- 1: Hydraulic cylinder
- 2: Piston rod
- 3: Piston rod seal
- 4: Piston rod seal
- 5: Piston rod seal
- 6: Piston rod seal
- 7: Piston rod seal
- 8: Piston rod seal
- 9: Piston rod seal
- 10: Piston rod seal
- 11: Piston rod seal
- 12: Piston rod seal
- 13: Piston rod seal
- 14: Piston rod seal
- 15: Piston rod seal
- 16: Piston rod seal

[illegible]

FIGURA N°28: SOPORTES IZQUEIRDOS

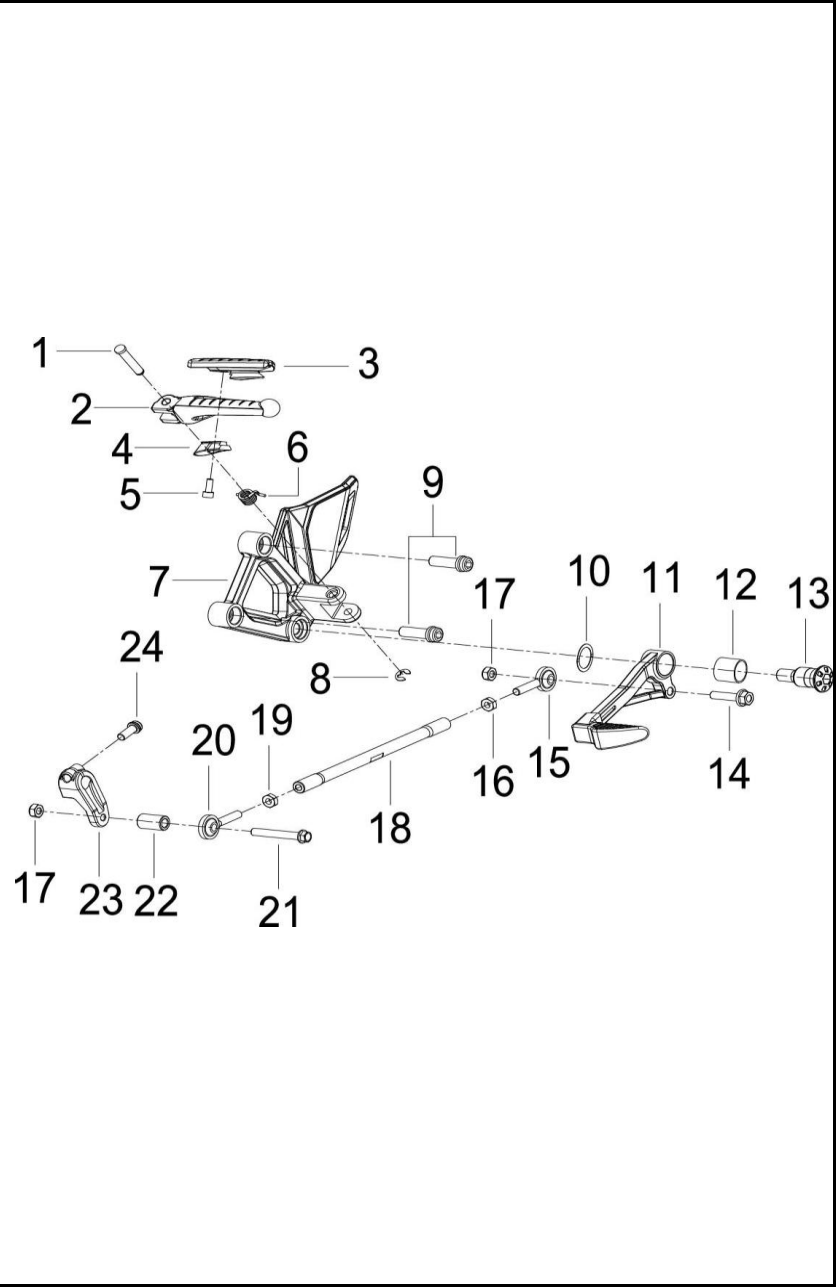


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	58217S010001	PIN PASADOR REPOSAPIE PASAJERO	1	11052166
2	52532P910010	REPOSAPIE CONDUCTOR IZQUIERDO	1	11051932
3	08352S020000	CAUCHO REPOSAPIE PASAJERO IZQUIERDO	1	11049251
4	58205S020000	TOPE REPOSAPIE PASAJERO IZQUIERDO	1	11049630
5	B0280040100A	TORNILLO 4X10	1	11049789
6	58222S010010	RESORTE REPOSAPIE CONDUCTOR	1	11051955
7	58245P250011	SOPORTE REPOSAPIE CONDUCTOR IZQUIERDO	1	11065572
8	B0882000050A	PIN DE SEGURIDAD 5 MM.	1	11049826
9	B0281080256H	TORNILLO 8X1.25X25	2	11050531
10	58216S010000	ARANDELA	1	11051527
11	08380P250012	PEDAL CAMBIOS	1	11065387
12	58511S010000	BUJE PEDAL FRENO	1	11051542
13	08373P250101	TORNILLO 10X1.25X36	1	11065385
14	B01820602562	TORNILLO 6X25	1	11051666
15	40706S040000	TERMINAL EJE PEDAL CAMBIOS	1	11049496
16	08051S040010	TUERCA M6	1	11049247
17	B04810600052	TUERCA M6	2	11050544
18	08371P250011	EJE POSICIONADOR CAMBIOS	1	11064972
19	B04800600052	TUERCA M6	1	11050543
20	08375S010000	TERMINAL EJE PEDAL CAMBIOS	1	11049255
21	B0109060426H	TORNILLO 6X42	1	11065663
22	08376P250010	BUJE	1	11065386
23	08381P910010	SOPORTE PEDAL CAMBIOS	1	11049890
24	B02810601662	TORNILLO 6X1X16	1	11050526

FIGURA N°29: SOPORTES DERECHOS

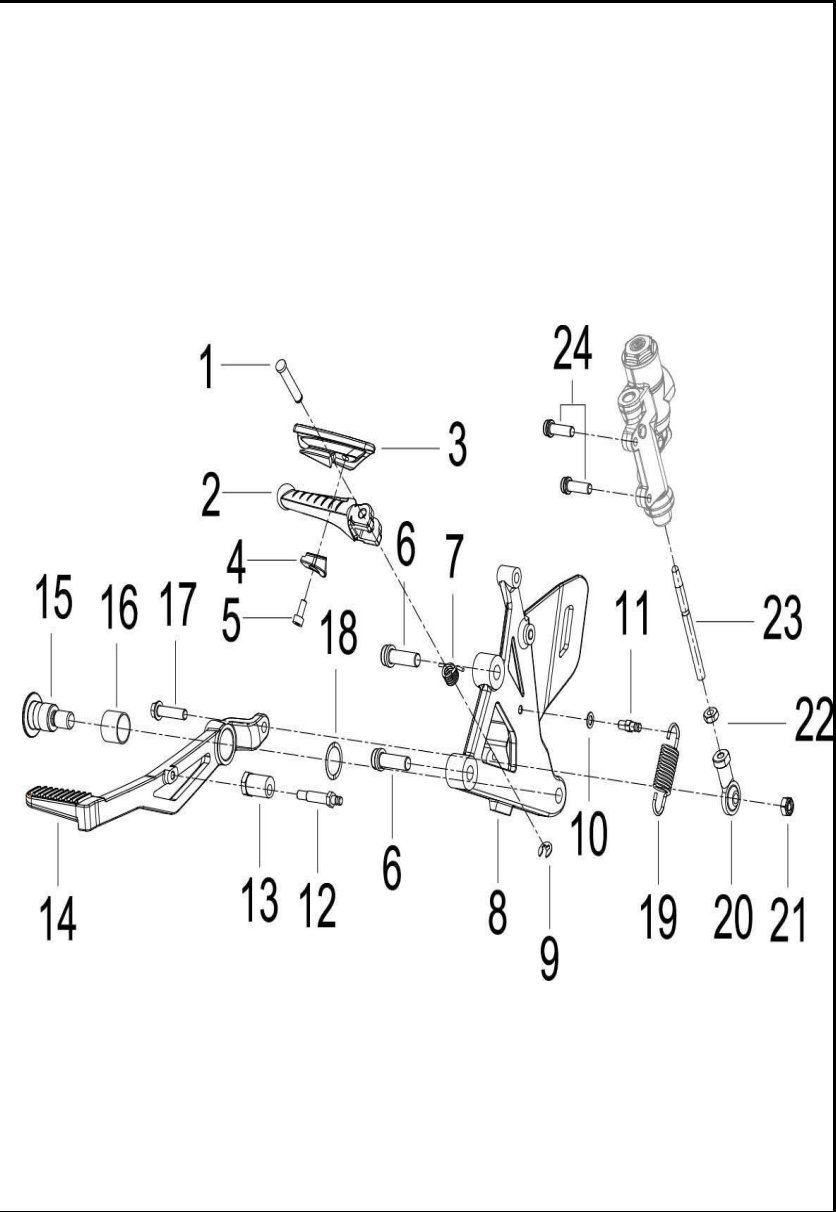


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	58217S010001	PIN PASADOR REPOSAPIE PASAJERO	1	11052166
2	52552P910010	REPOSAPIE CONDUCTOR DERECHO	1	11051933
3	08372S020000	CAUCHO REPOSAPIE PASAJERO DERECHO	1	11049254
4	58405S020000	TOPE REPOSAPIE PASAJERO DERECHO	1	11049642
5	B0280040100A	TORNILLO 4X10	1	11049789
6	B0281080256H	TORNILLO 8X1.25X25	2	11050531
7	58222S010010	RESORTE REPOSAPIE CONDUCTOR	1	11051955
8	58246P250003	SOPORTE REPOSAPIE CONDUCTOR DERECHO	1	11065573
9	B0882000050A	PIN DE SEGURIDAD 5 MM.	1	11049826
10	B07800000502	ARANDELA 5.3X10X1	1	11064990
11	40273P250000	PASADOR SUPERIOR	1	11050223
12	40717P250001	PASADOR INFERIOR	1	11050235
13	40705P250000	EMPUJADOR PEDAL FRENO	1	11050233
14	40712P250011	PEDAL FRENO	1	11052097
15	40706P250001	TORNILLO PEDAL FRENO	1	11051444
16	58511S010000	BUJE PEDAL FRENO	1	11051542
17	B01820602562	TORNILLO 6X25	1	11051666
18	58216S010000	ARANDELA	1	11051527
19	40702P250000	RESORTE PEDAL FRENO	1	11065484
20	40283S010000	TERMINAL EMPUJADOR	1	11049489
21	B04810600052	TUERCA M6	1	11050544
22	B04020600018	TUERCA M6	1	11057930
23	55061P250006	EMPUJADOR BOMBA FRENO TRASERO	1	11065541
24	B02810602062	TORNILLO 6X1X20	2	11049792

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This diagram illustrates the assembly of a motorcycle seat. The main components shown are the seat base (1), the seat cushion (2), the seat backrest (3), and the seat cover (4). The assembly is shown in an exploded view, with various fasteners and hardware indicated by numbered callouts (5 through 16). The diagram shows the seat being installed onto a motorcycle frame, with the seat base (1) being secured to the frame using bolts (5) and washers (6). The seat cushion (2) is then placed on top of the seat base, and the seat backrest (3) is attached to the rear of the seat base. The seat cover (4) is then placed over the seat cushion and backrest, and secured with straps (7) and buckles (8). The diagram also shows the seat being installed onto a motorcycle frame, with the seat base (1) being secured to the frame using bolts (5) and washers (6). The seat cushion (2) is then placed on top of the seat base, and the seat backrest (3) is attached to the rear of the seat base. The seat cover (4) is then placed over the seat cushion and backrest, and secured with straps (7) and buckles (8).

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FIGURA N°32: CUBIERTAS

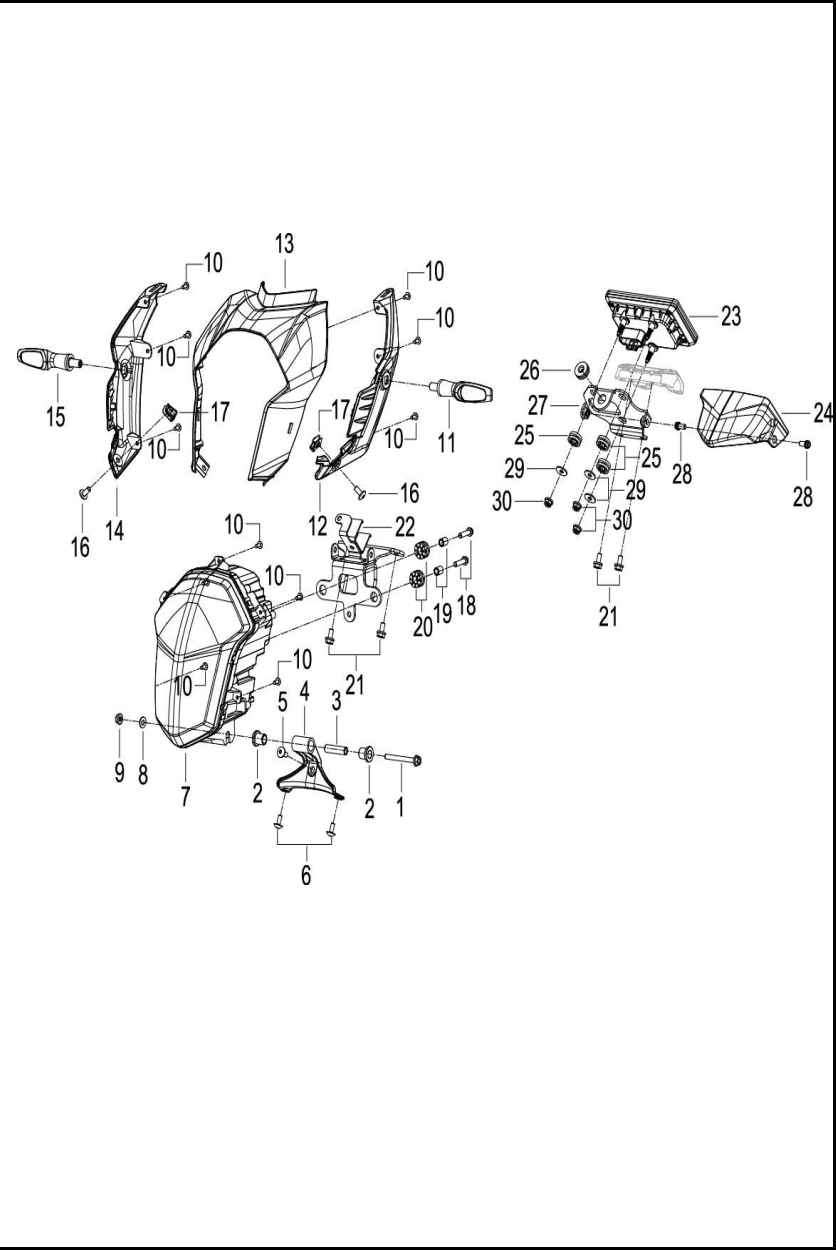


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	B0109060606K	TORNILLO 6X60	1	11049767
2	08524P250000	BUJE	2	11049259
3	08523P250010	PASADOR COMPLEMENTO FAROLA	1	11049258
4	08521P250000	SOPORTE INFERIOR FAROLA	1	11049893
5	B0283060146H	TORNILLO 6X14	1	11049795
6	B02810501262	TORNILLO 5X0.8X12	2	11049216
7	80000P320000	FAROLA	1	11065643
8	B0702000060H	ARANDELA 6 MM.	1	11049818
9	B04810600052	TUERCA M6	1	11050544
10	B0507420130H	TORNILLO 4.2X13	9	11049812
11	81100N350000	DIRECCIONAL DELANTERA IZQUIERDA	1	11064491
12	65521P320000	CARENAJE INTERNO FAROLA IZQUIERDO	1	11065608
14	65531P320000	CARENAJE INTERNO FAROLA DERECHO	1	11065609
15	81300N350000	DIRECCIONAL DELANTERA DERECHA	1	11064492
16	B02830601262	TORNILLO 6X12	2	11051679
17	65625J560100	TUERCA DE AJUSTE M6	2	11049694
18	B02810602062	TORNILLO 6X1X20	2	11049792
19	65913J820100	BUJE	2	11051294
20	65618J820000	ANTIVIBRANTE	2	11051277
21	B01820601462	TORNILLO 6X14	4	11051749
22	08330P320000	SOPORTE FAROLA	1	11065383
23	70000P320001	VELOCIMETRO	1	11065640
24	65214P320000	CUBIERTA VELOCIMETRO	1	11065598
25	70168P320000	ANTIVIBRANTE	3	11065641
26	65618J000000	ANTIVIBRANTE	1	11050442
27	65490P320000	SOPORTE VELOCIMETRO	1	11065607

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

- 1**: Main seat shell (cushion).
- 2**: Screws used for mounting the seat shell and backrest.
- 3**: Small rear fender or trim piece.
- 4**: Small rectangular plate or spacer.
- 5**: Small rectangular plate or spacer.
- 6**: Small cylindrical component, likely a bush or spacer.
- 7**: Screws used for mounting the backrest and rear fender.
- 8**: Rear fender or trim piece.
- 9**: Screws used for mounting the rear fender.
- 10**: Screws used for mounting the rear fender.
- 11**: Small bracket or support piece.
- 12**: Rear fender or trim piece.
- 13**: Screws used for mounting the backrest and rear fender.
- 14**: Rear fender or trim piece.
- 15**: Backrest or support structure.
- 16**: Backrest or support structure.

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This exploded view diagram illustrates the assembly of a vehicle seat. The components are numbered as follows: 1. Side panel, 2. Side panel trim, 3. Seat base, 4. Seat base trim, 5. Seat base trim, 6. Side panel trim, 7. Side panel trim, 8. Side panel trim, 9. Side panel trim, 10. Side panel trim, 11. Side panel trim, 12. Side panel trim, 13. Side panel trim, 14. Side panel trim, 15. Side panel trim, 16. Side panel trim, 17. Side panel trim, 18. Side panel trim. The diagram shows the relationship between these parts and their assembly points.

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FIGURA N°35: CUBIERTAS LATERALES TRASERAS - SILLINES

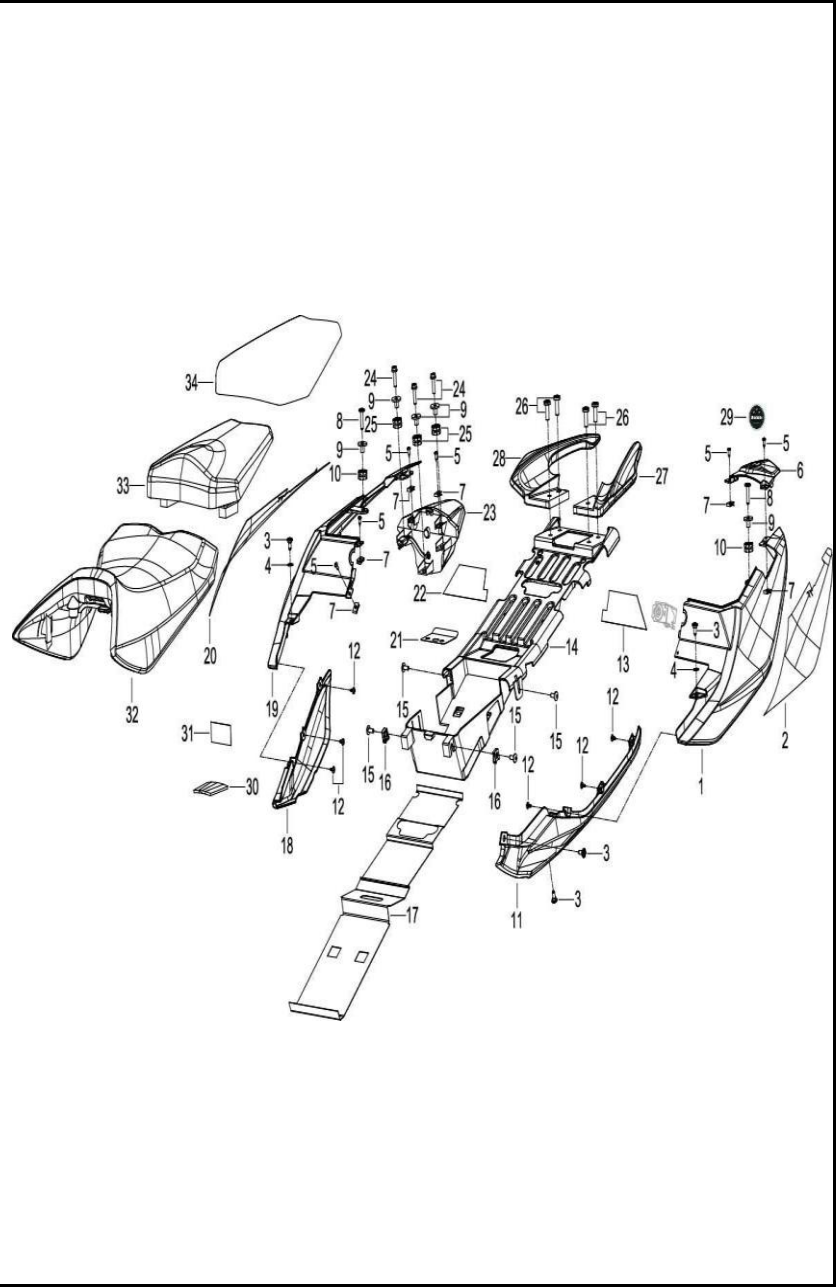


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
2	65636P250000	PROTECTOR TERMICO CUBIERTA SILLIN IZQ.	1	11065620
3	B0284060150A	TORNILLO 6X15.2	4	11049796
4	47936S010000	ANTIVIBRANTE	2	11049553
5	B0507420130H	TORNILLO 4.2X13	6	11049812
6	65606P25BW00	CUBIERTA STOP	1	11065614
7	65801T850100	TUERCA DE AJUSTE M4.2	6	11065637
8	B0284060300A	TORNILLO 6X30	2	11050536
9	82018H010100	BUJE	5	11064988
10	82024H010002	ANTIVIBRANTE	2	
11	65603P250000	COMPLEMENTO IZQUIERDO CUBIERTA SILLIN	1	11065611
12	B0500420952A	TORNILLO 4.2X9.5	6	11051349
13	65607P250000	PROTECTOR IZQUIERDO CAJA BATERIA	1	11065615
14	65416P250000	CAJA BATERIA	1	11065604
15	B0283060146H	TORNILLO 6X14	4	11049795
16	65625J560100	TUERCA DE AJUSTE M6	2	11049694
17	65427P250000	PROTECTOR TERMICO CAJA BATERIA	1	11065606
18	65604P250000	COMPLEMENTO DERECHO CUBIERTA SILLIN	1	11065612
20	65637P250000	PROTECTOR TERMICO CUBIERTA SILLIN DER.	1	11065621
21	65426P250000	PROTECTOR TERMICO BATERIA	1	11065605
22	65608P250000	PROTECTOR DERECHO CAJA BATERIA	1	11065616
23	82000P250000	STOP	1	11065646
24	B01820602562	TORNILLO 6X25	3	11051666
25	82024H010002	ANTIVIBRANTE	3	
26	52018J800000	TORNILLO 8X25	4	11049587
27	52010P25BG01	AGARRADERA PASAJERO IZQUIERDA	1	11065528
28	52020P25BG01	AGARRADERA PASAJERO DERECHA	1	11065529

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

- 1**: Main helmet shell (left side)
- 2**: Main helmet shell (right side)
- 3**: Various small fasteners and pins
- 4**: Chin strap attachment points
- 5**: Chin strap padding
- 6**: Chin strap buckle
- 7**: Chin strap webbing
- 8**: Chin strap adjustment mechanism
- 9**: Chin strap padding
- 10**: Chin strap attachment points
- 11**: Chin strap webbing
- 12**: Chin strap padding
- 13**: Chin strap attachment points
- 14**: Chin strap webbing
- 15**: Chin strap padding
- 16**: Chin strap attachment points
- 17**: Chin strap webbing
- 18**: Chin strap padding
- 19**: Chin strap attachment points
- 20**: Chin strap webbing
- 21**: Chin strap padding
- 22**: Chin strap attachment points
- 23**: Chin strap webbing
- 24**: Chin strap padding
- 25**: Chin strap attachment points
- 26**: Chin strap webbing
- 27**: Chin strap padding
- 28**: Chin strap attachment points
- 29**: Chin strap webbing
- 30**: Chin strap padding
- 31**: Chin strap attachment points
- 32**: Chin strap webbing
- 33**: Chin strap padding
- 34**: Chin strap attachment points

[illegible]

FIGURA N°36: GUARDABARRO TRASERO

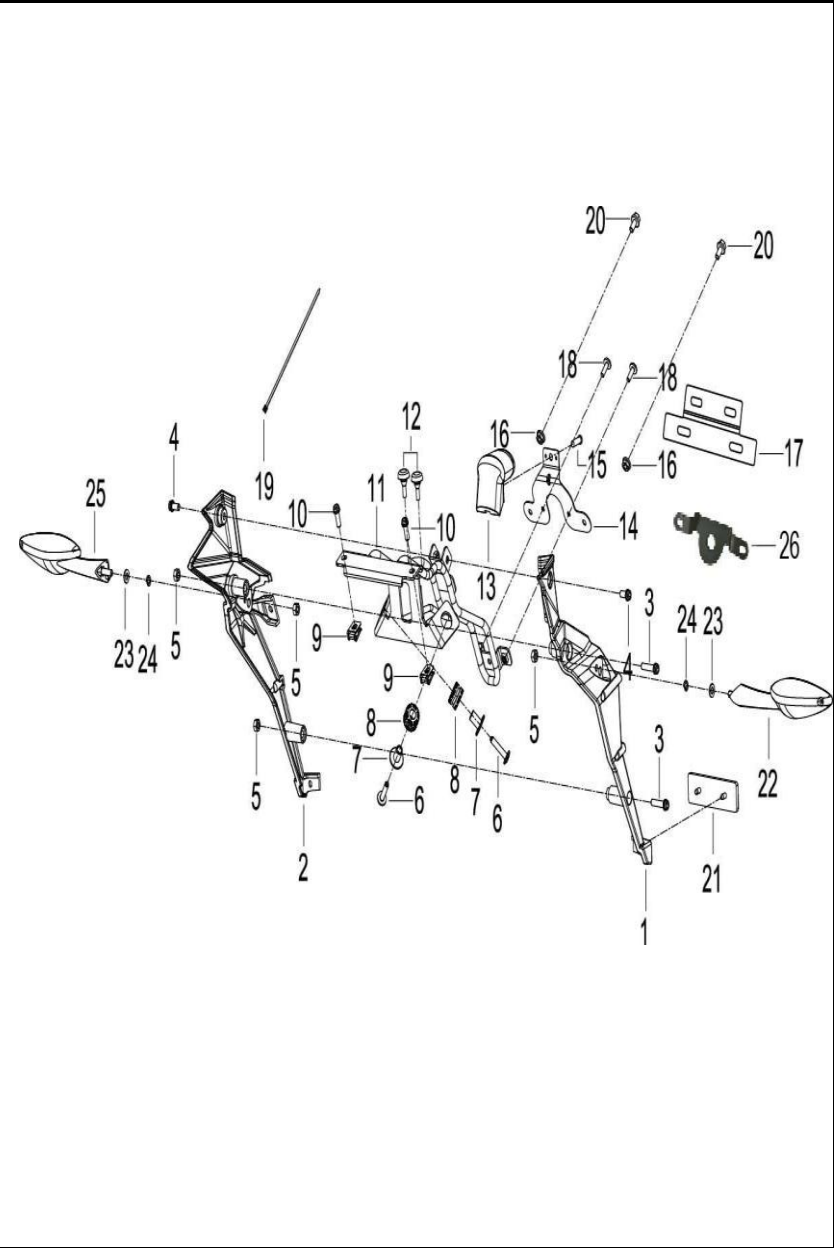


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	65701P250000	GUARDABARRO TRASERO IZQUIERDO	1	11065633
2	65709P250000	GUARDABARRO TRASERO DERECHO	1	11065634
3	B02810602562	TORNILLO 6X25	2	11049793
4	B02810601262	TORNILLO 6X12	2	11050525
5	B04800600052	TUERCA M6	4	11050543
6	B0284060300A	TORNILLO 6X30	2	11050536
7	59452P250000	BUJE	2	11050421
8	65821S010000	ANTIVIBRANTE	2	11050450
9	65625J560100	TUERCA DE AJUSTE M6	2	11049694
10	B02810601662	TORNILLO 6X1X16	2	11050526
11	65770P250000	SOPORTE GUARDABARRO TRASERO	1	11065636
12	58302B450000	TAPON	2	11065574
13	82900B470000	LUZ PLACA	1	11052014
14	08202S010000	SOPORTE LUZ PLACA	1	11065380
15	B0500420952A	TORNILLO 4.2X9.5	1	11051349
16	B0407060005H	TUERCA M6	2	11049804
17	08252K660001	SOPORTE PORTA PLACA	1	11065382
18	08012P160000	TORNILLO 5X16	2	11049236
19	40098B450000	ABRAZADERA 3X150	1	11049486
20	B0109060126H	TORNILLO 6X12	2	11049762
21	86500B720001	REFLECTIVO TRASERO	1	11050469
22	81500P320000	DIRECCIONAL TRASERA IZQUIERDA	1	11065644
23	B07801250603	ARANDELA 6.4X12.5X1.6	2	11065680
24	B0700000060H	ARANDELA DE PRESION 6 MM.	2	11049816
25	81700P320000	DIRECCIONAL TRASERA DERECHA	1	11065645
26	08215P250000	EXTENSION SOPORTE PORTA PLACA	1	11065381

This exploded view diagram illustrates the assembly of a mechanical component, likely a radiator or heat exchanger. The central part is a rectangular core with horizontal fins. Various components are shown in their relative positions, indicated by dashed lines. The parts are numbered as follows:

- 1: Top cap or plug.
- 2: Small cylindrical component below the cap.
- 3: Small cylindrical component below the cap.
- 4: Small cylindrical component below the cap.
- 5: Small cylindrical component below the cap.
- 6: Multiple small cylindrical components, likely O-rings or seals, located at various points of assembly.
- 7: Small cylindrical component.
- 8: Small cylindrical component.
- 9: Small cylindrical component.
- 10: Multiple small cylindrical components, likely O-rings or seals, located at various points of assembly.
- 11: Small cylindrical component.
- 12: Small cylindrical component.
- 13: Small cylindrical component.
- 14: Small cylindrical component.
- 15: Small cylindrical component.
- 16: Small cylindrical component.
- 17: Small cylindrical component.
- 18: Small cylindrical component.
- 19: Small cylindrical component.
- 20: Multiple small cylindrical components, likely O-rings or seals, located at various points of assembly.
- 21: Small cylindrical component.
- 22: Small cylindrical component.

[illegible]

This technical diagram illustrates the assembly of a vehicle's engine and cooling system. The components are numbered as follows:

- 1**: O-rings and seals used at various connection points.
- 2**: A large flexible hose connecting the radiator to the engine.
- 3**: A hose clamp used to secure the hose connections.
- 4**: Small O-rings for the water pump and thermostat housing.
- 5**: A curved hose for the water pump outlet.
- 6**: A bolt for the thermostat housing.
- 7**: A hose for the lower radiator connection.
- 8**: A hose clamp for the lower radiator connection.
- 9**: A hose for the lower radiator connection.
- 10**: The thermostat housing.
- 11**: Hose clamps for the upper radiator and engine connections.
- 12**: A hose for the engine coolant outlet.
- 13**: A hose for the upper radiator connection.
- 14**: A long hose for the upper radiator connection.
- 15**: A hose for the engine coolant inlet.
- 16**: A cap for the coolant reservoir.
- 17**: A dipstick for the coolant reservoir.
- 18**: A coolant reservoir tank.
- 19**: A rectangular gasket or plate for the engine block.

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FIGURA N°39: COMPONENTES ELECTRICOS

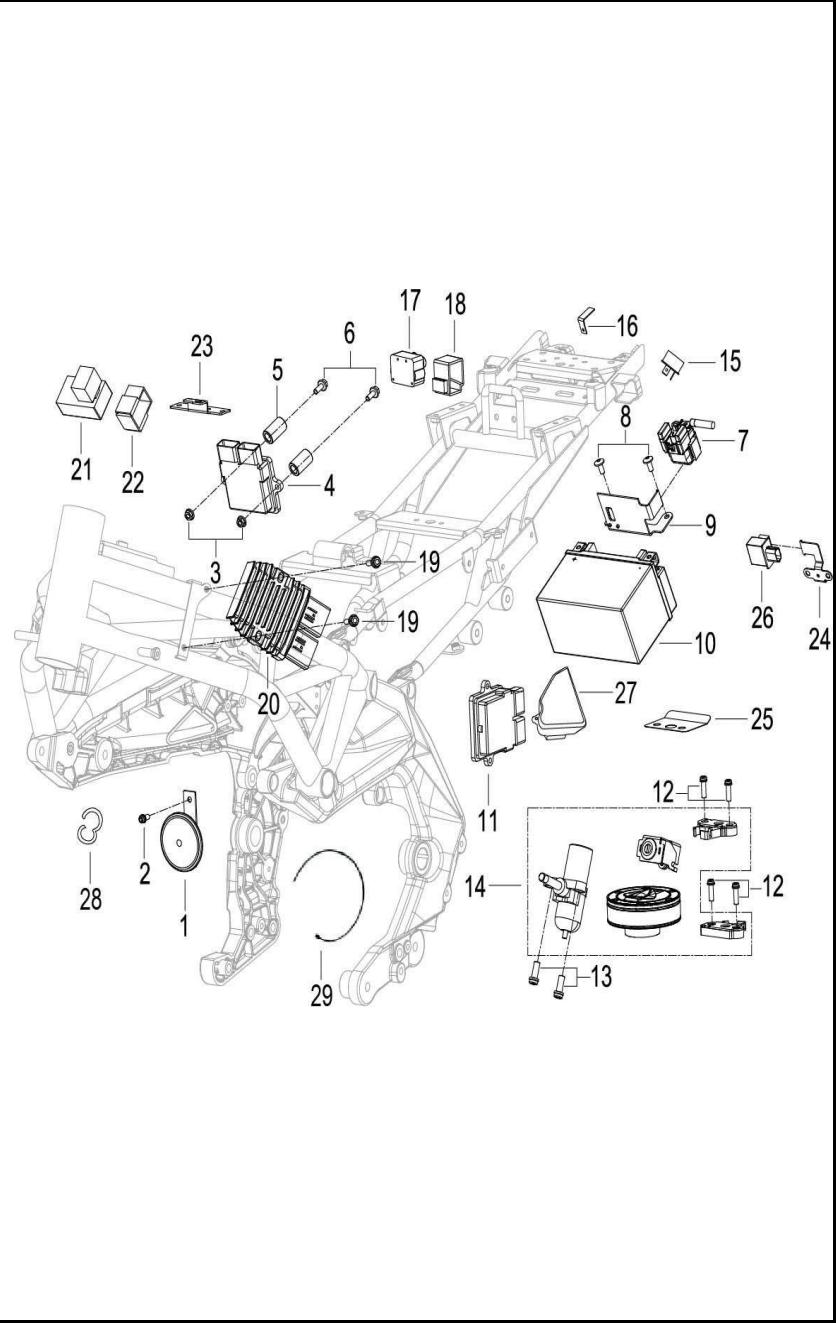


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	95100P250000	PITO	1	11065653
2	B02810601262	TORNILLO 6X12	1	11050525
3	B04810600052	TUERCA M6	2	11050544
4	96C00P250403	E.C.U (I)	1	11065657
5	08376P250010	BUJE	1	11065386
6	B0107060406H	TORNILLO 6X40	2	11049754
7	94000S010000	RELAY ARRANQUE	1	11050485
8	B0283060146H	TORNILLO 6X14	2	11049795
9	58820P250000	SOPORTE CAJA BATERIA	1	11050418
11	96C00P250503	E.C.U (II)	1	11065658
12	B02810602062	TORNILLO 6X1X20	4	11049792
13	B0226080206H	TORNILLO 8X20	2	11049787
14	88000P25000A	SWICHE ENCENDIDO COMPLETO	1	11065647
15	96700K060000	DIODO DE ARRANQUE	1	11049742
16	57088P250000	PLATINA SOPORTE CAJA FUSIBLES	1	11064477
17	91210N300000	SENSOR ROLL OVER	1	11050477
18	98901S010000	CAUCHO SENSOR ROLL OVER	1	11052024
19	B0109060306H	TORNILLO 6X30	2	11051658
20	299066060000	REGULADOR	1	11050210
21	97670P410000	MODULO DE CORRIENTE	1	11065660
22	08335P320000	CAUCHO MODULO DE CORRIENTE	1	11065384
23	57044P250000	PLATINA SOPORTE	1	11065560
24	57437P320000	SOPORTE FLASHER	1	11065569
25	65426P250000	PROTECTOR TERMICO BATERIA	1	11065605
26	96400T960000	FLASHER	1	11065655
27	96C21P250000	PROTECTOR E.C.U (II)	1	11065659
28	50920S070000	GUIA	7	11050335
29	92360P320002	CABLE SWICHE FRENO DELANTERO	1	11065651

This diagram illustrates the assembly of a vehicle chassis, likely for a specialized vehicle such as a truck or heavy-duty car. The main chassis structure is shown in the center, with various components numbered 1 through 15. The components include:

- 1**: A complex wiring harness with multiple connectors.
- 2**: A smaller wiring harness or sensor assembly.
- 3**: A cable with a connector.
- 4**: A cable with a connector, similar to 3 but with a different terminal.
- 5**: A long, thin rod or pin.
- 6**: A small, rectangular component, possibly a sensor or actuator.
- 7**: A small, cylindrical component.
- 8**: A small, cylindrical component.
- 9**: A small, cylindrical component.
- 10**: A small, rectangular component, similar to 6.
- 11**: A small, rectangular component, similar to 6.
- 12**: A small, rectangular component, similar to 6.
- 13**: A small, rectangular component, similar to 6.
- 14**: A small, rectangular component, similar to 6.
- 15**: A small, cylindrical component.

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