



CATÁLOGO DE PARTES

NUEVA *Sport*
110 Fi



SISTEMA DE
ENCENDIDO
AUTOMÁTICO
DE LUCES



SISTEMA
ANTI-LOCK
DE FRENSO



SISTEMA
COMBINADO
DE FRENSO

PARA MAYOR INFORMACIÓN DE LOS SISTEMAS, CONSULTE
ANEXO INFORMACIÓN DE SEGURIDAD.

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MOVIÉNDONOS
CONTIGO

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.

COMPRA SIEMPRE

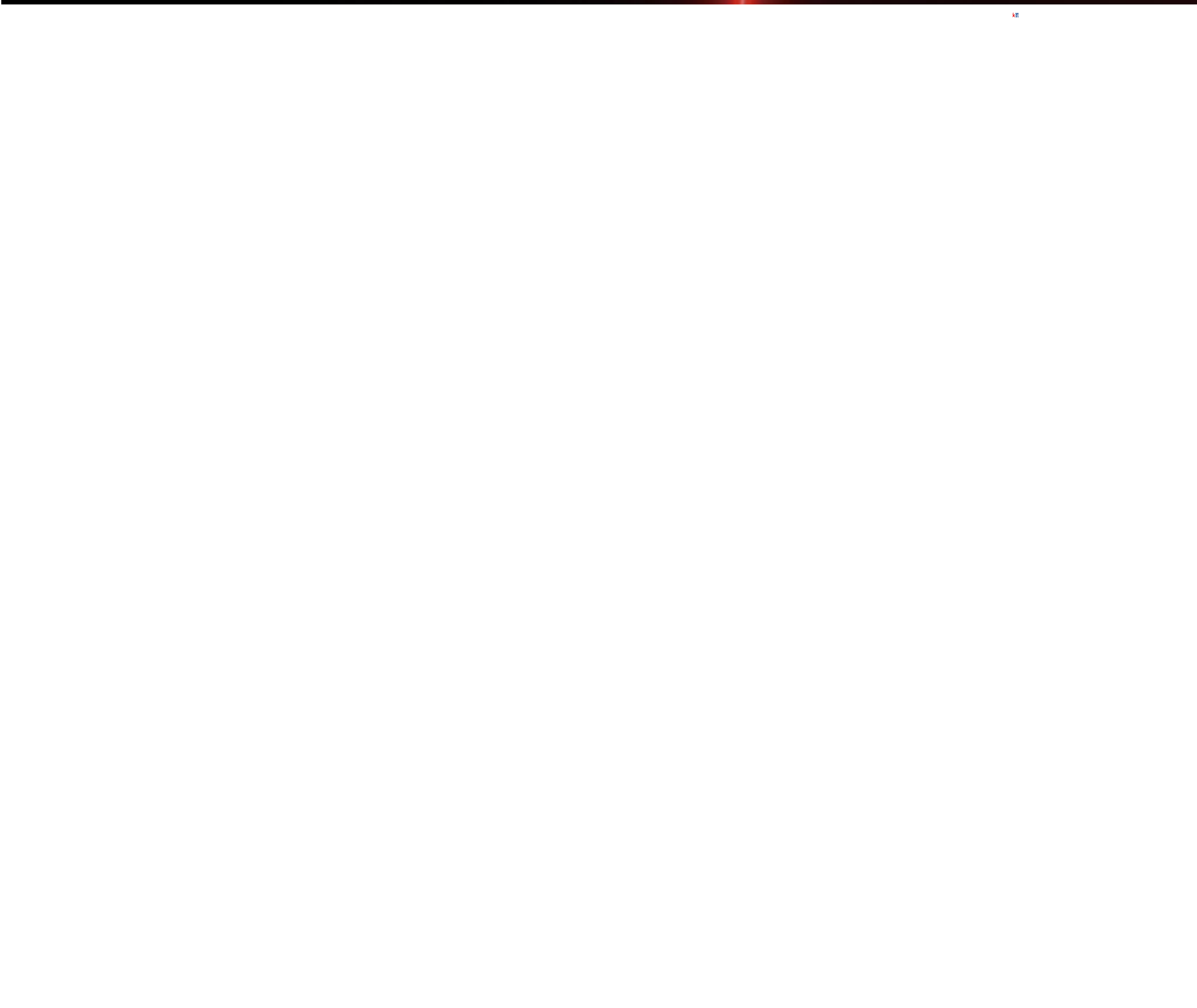
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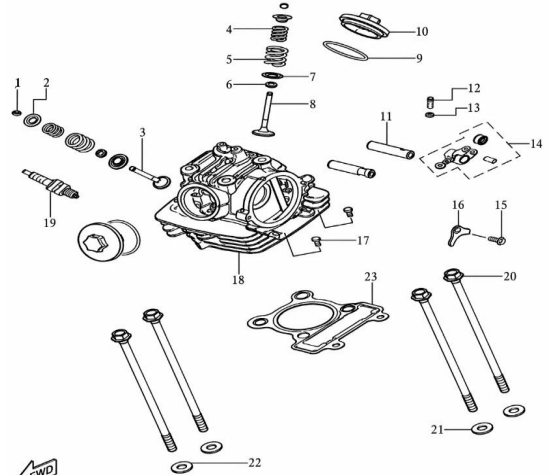
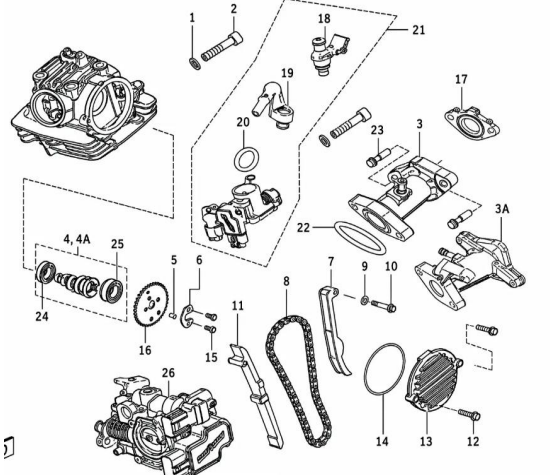
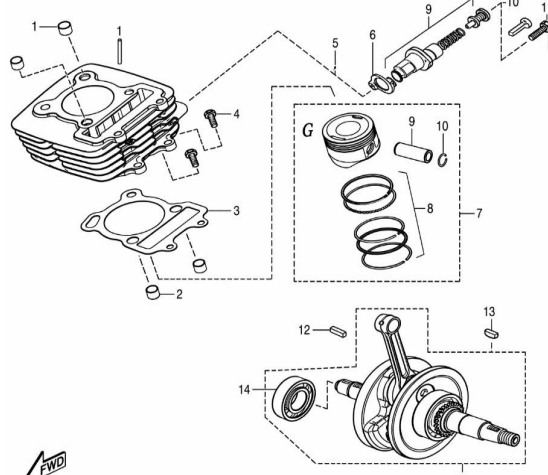
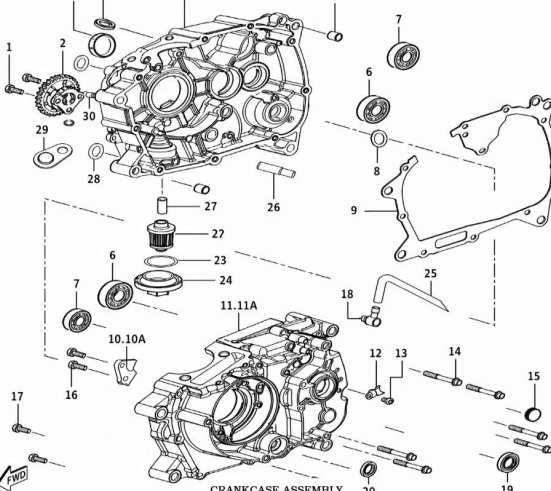
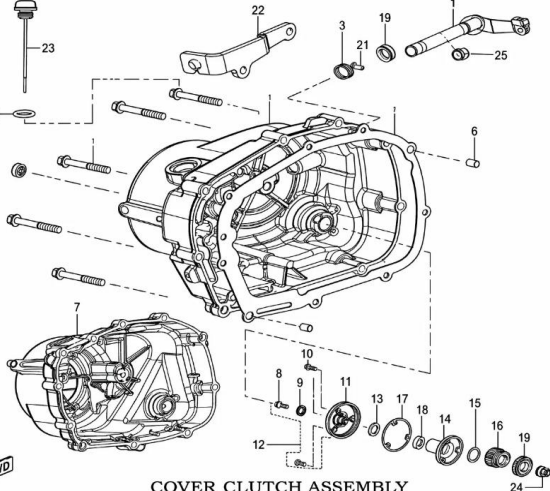
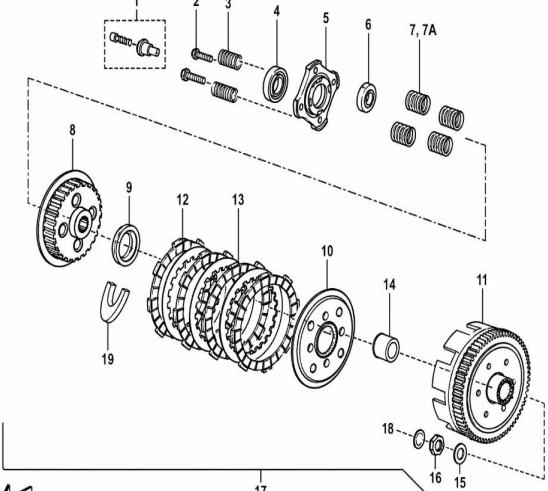


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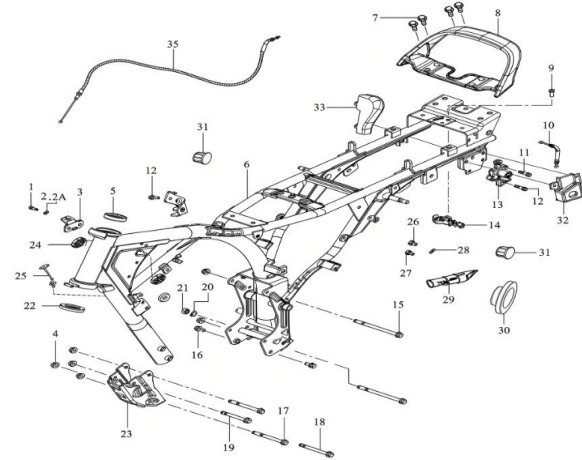


FIGURA N° 13: CHASIS

PÁG. N° 14/15

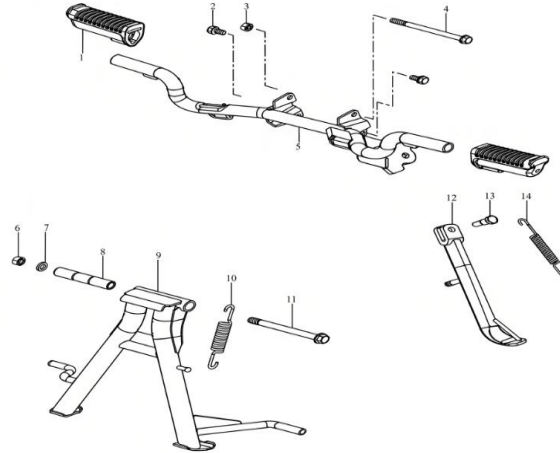


FIGURA N° 14: REPOSAPIE DELANTERO

PÁG. N° 16

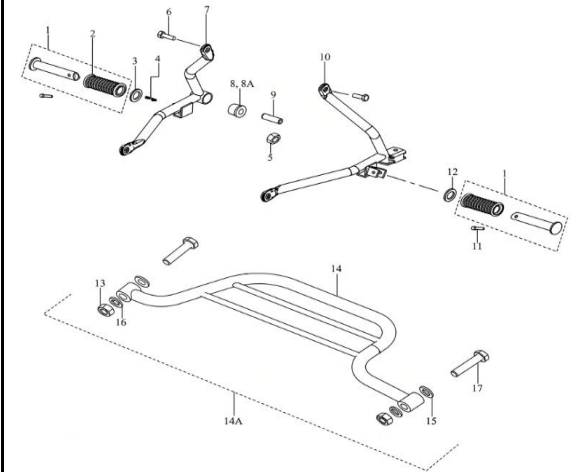


FIGURA N° 15: REPOSAPIE TRASERO

PÁG. N° 17

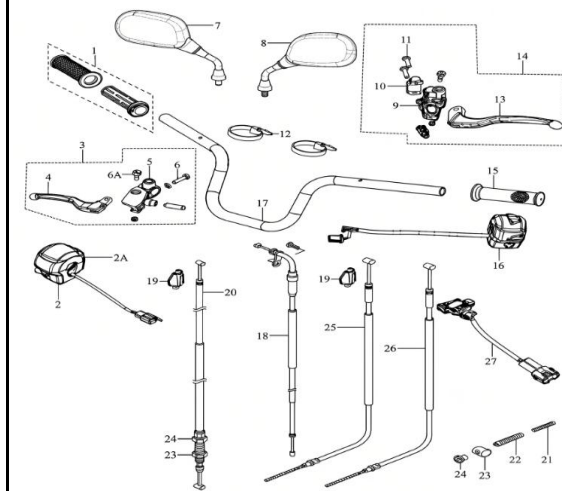


FIGURA N° 16: MANUBRIO

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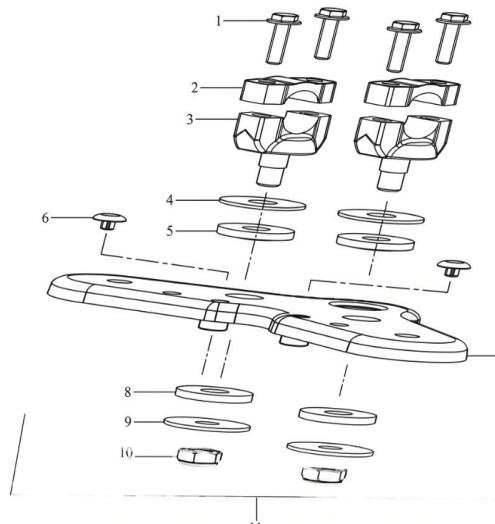


FIGURA N° 17: BASE CABEZA ESPIGA

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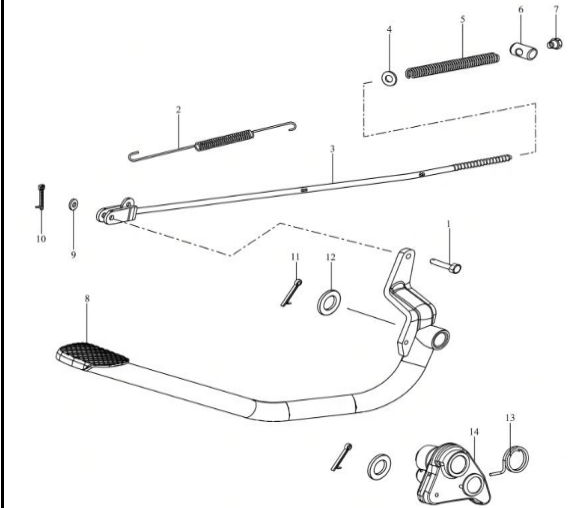


FIGURA N° 18: PEDAL FRENO

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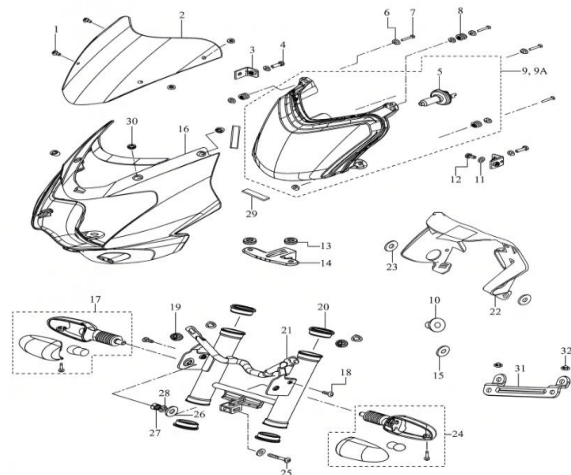


FIGURA N° 19: FAROLA

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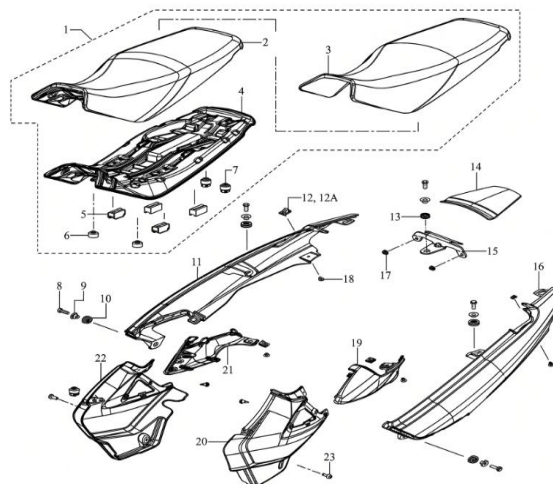


FIGURA N° 20: SILLÍN / CUBIERTAS

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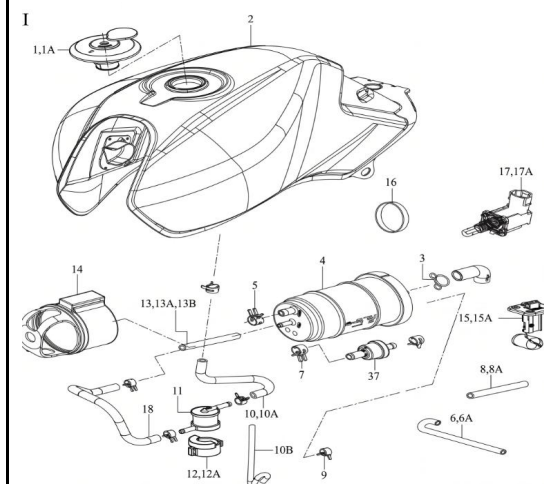


FIGURA N° 21: TANQUE DE GASOLINA

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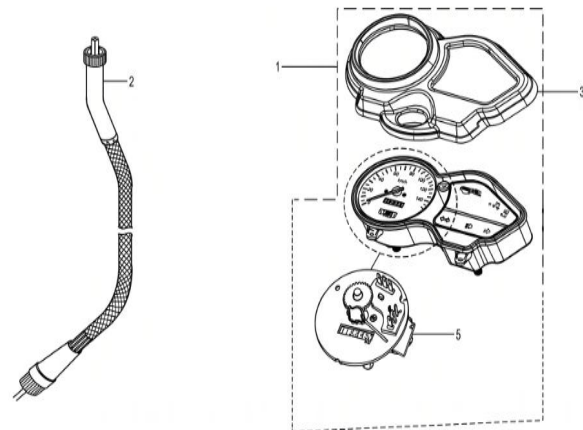


FIGURA N° 22: VELOCÍMETRO

PÁG. N° 26

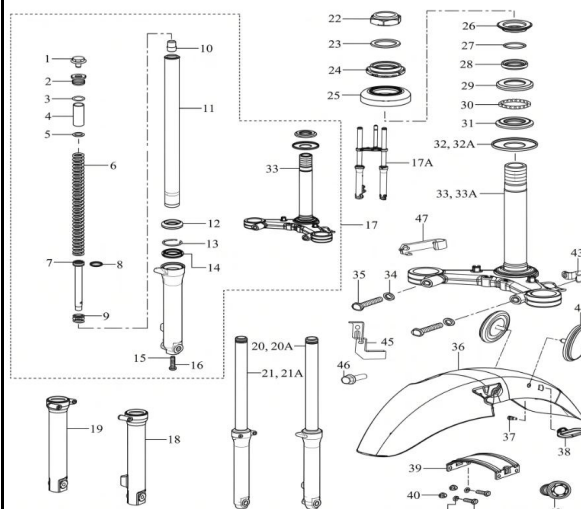


FIGURA N° 23: SUSPENSIÓN DELANTERA

PÁG. N° 27/28

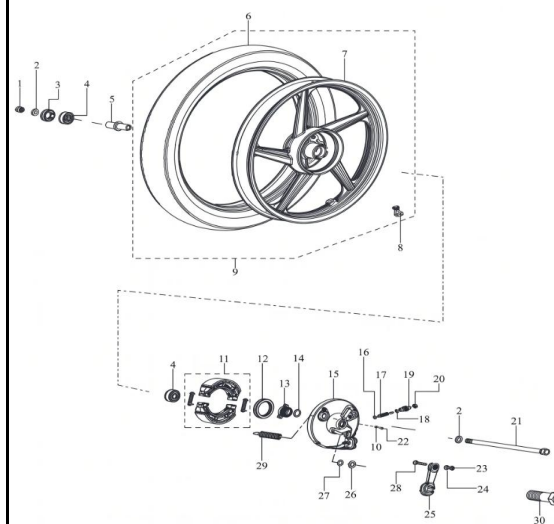
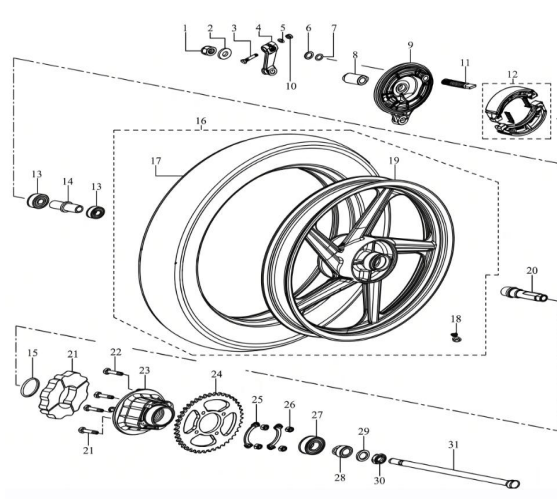
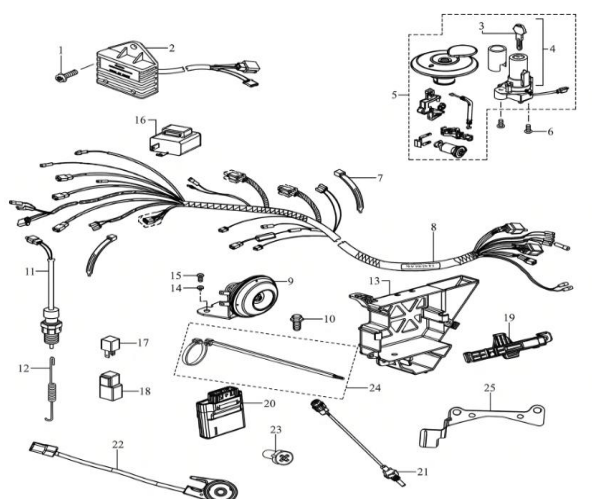
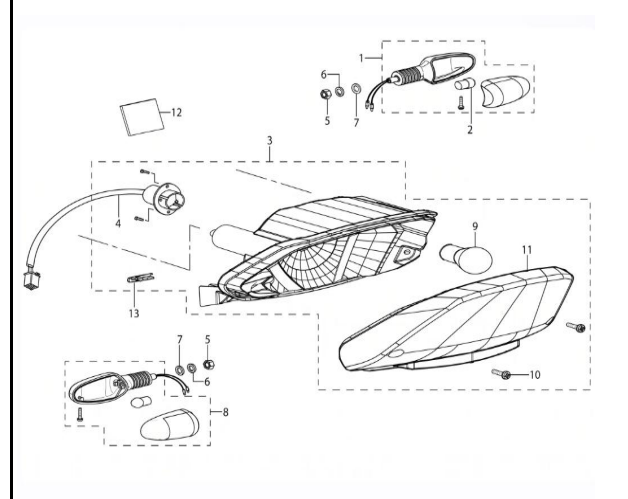
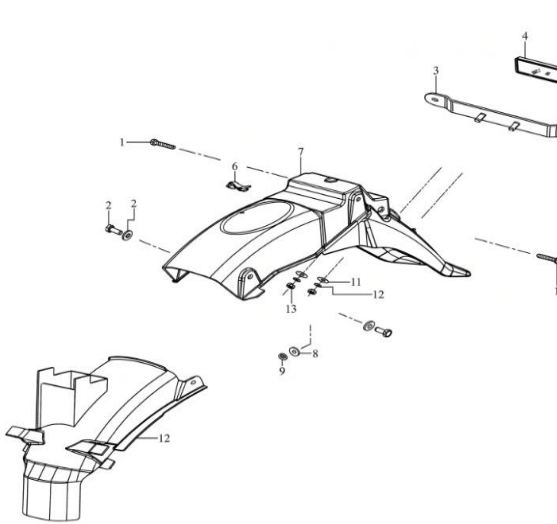
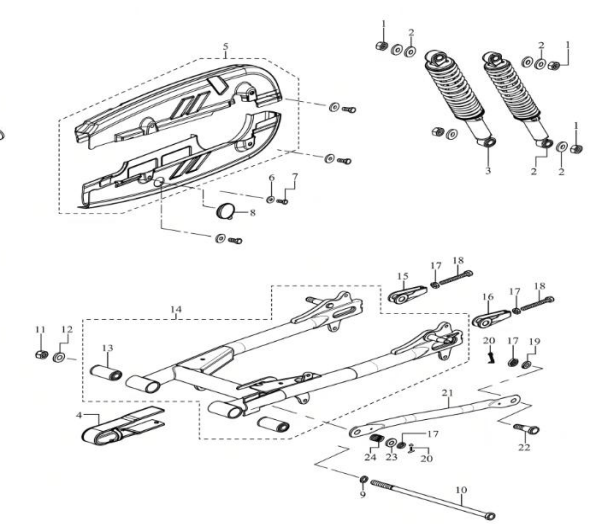
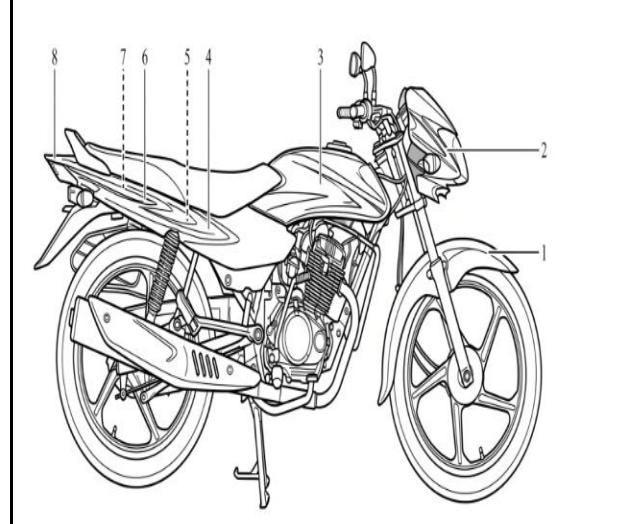


FIGURA N° 24: RUEDA DELANTERA □

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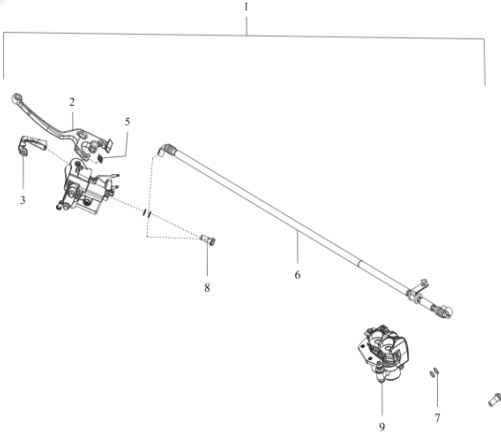
					
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ACEITE	PÁG. N°. 42				

FIGURA N° 1: CULATA

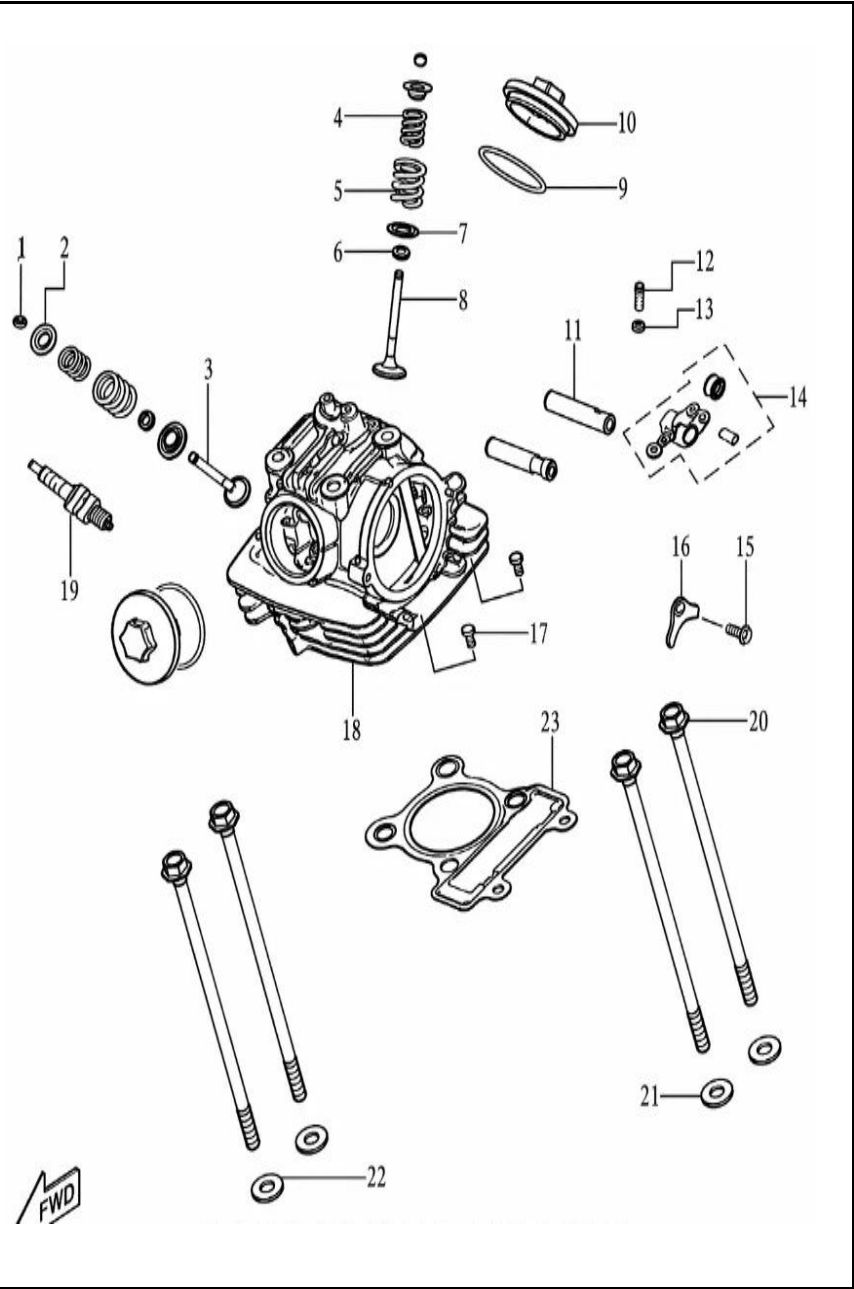


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	S1010320	PIN VÁLVULA	4	10080198
2	N2011040	RETENEDOR RESORTE DE VALVULA	2	10083296
3	N2010620	VÁLVULA ESCAPE	1	10078122
4	N2010340	RESORTE VÁLVULA INTERNO	2	10080937
5	N2010350	RESORTE EXTER. VALVULA	2	10082536
6	M1010620	RETEN VALVULAS	2	10078110
7	K3010680	ARANDELA ASIENTO VALVULA	2	10088072
8	N3011140	VALVULA ADMISION	1	10078153
9	N8010260	ORING TAPON	2	10078141
11	N8010350	PASADOR BALANCÍN ADM	2	10078650
12	S1010240	TORNILLO EMPUJ VÁLVULA	2	10078390
13	S1010250	TUERCA TORNILLO EMPUJADO	2	10078360
14	N8011000	BALANCÍN COMPLETO	2	10078337
15	N8200090	TORNILLO SEGURO PASADOR	1	10082833
16	N8010800	SEGURO PASADOR	1	10102332
17	M1200520	TORNILLO CAMPANA M6X16	2	10082181
18	ND010040	CULATA COMPLETA	1	10099966
19	K6011090	BUJIA	1	10081568
20	N8010310	TORNILLO CULATA	4	10078398
21	S1010130	ARANDELA TORNILLO CULATA	3	10078398
22	M1010360	ARANDELA DE CULATA	1	10078451
23	N8010590	EMPAQUE CULATA	1	10099971
24	ND010200	CULATA COMPLETA	1	10102333

FIGURA N° 2: EJE DE LEVAS

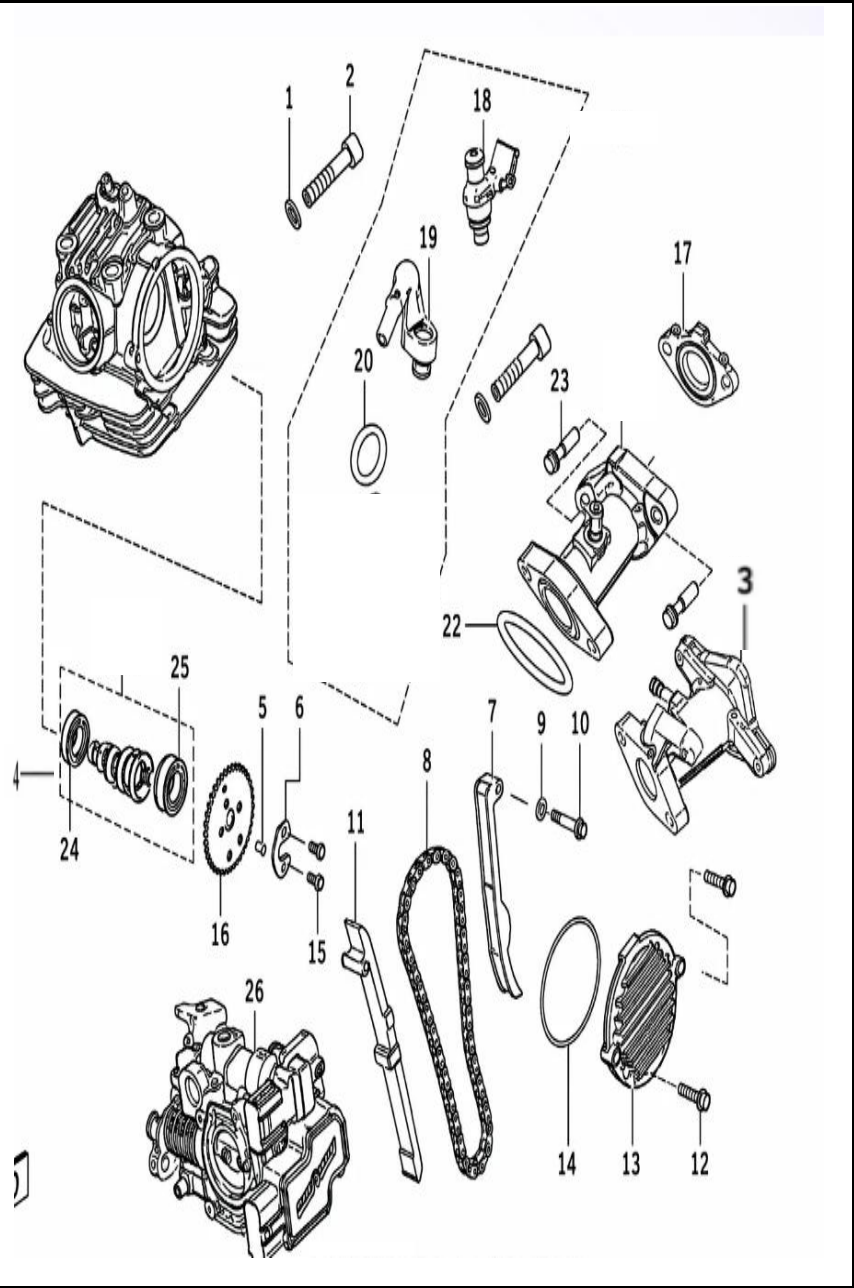


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	8200130	ARANDELA 6.5X11X2	2	10079618
2	A200050	TORNILLO ALLEN M6X25	2	10082178
3	ND040320	TUBO DE ADMISION	1	10099964
4	NA010130	EJE LEVAS COMPLETO	1	10099968
5	M1010490	PIN PINON DISTRIBUCION	1	10079462
6	M1080500	ARANDELA PINON DISTRIBUCION	1	10082709
7	NA010010	GUIA TENSOR CADENA	1	10099970
8	NA010030	CADENILLA DISTRIBUCION	1	10102331
9	N2010960	ARANDELA SELLADORA M6 RP	1	10082717
10	N2010710	TORNILLO GUIA TENSOR	1	10079471
11	NA010060	PLATINA PIÑÓN DISTRIB	1	
12	M1200510	TORNILLO HEXAGONO CON BRIDA MOTOR M6X2	2	10079665
13	N8011110	TAPA PINON DISTRIBUIDOR	1	10080104
14	N3010550	ORING TAPA PINON	1	10078575
15	M1200940	PERNO DE PINON DE EJE DE ARRASTRE	2	10082710
16	R1010800	PINON DISTRIBUCION 34T	1	10078294
17	NA040090	VAQUELA	1	10099999
18	KA060100	INYECTOR	1	10102334
19	NA040100	TAPA INYECTOR	1	10102335
20	R4040220	ARO CUBIERTA INYECTOR	1	10082710
22	N5040700CN	ORING CONECTOR CARB	1	10079706
23	M1200470	TORNILLO HEXAGONO CON BRIDA M6X30	2	10079663
24	N5200700	RODAMIENTO EJE DE LEVAS	1	10102336
25	S1200130	RODAMIENTO 17X35X10	1	10087086
26	ND040380	CUERPO DE ACELERACION	1	10099965

[illegible]3

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

CRANKCASE ASSEMBLY

FWD



CRANKCASE ASSEMBLY



FIGURA N° 5: CUBIERTA CLUTCH

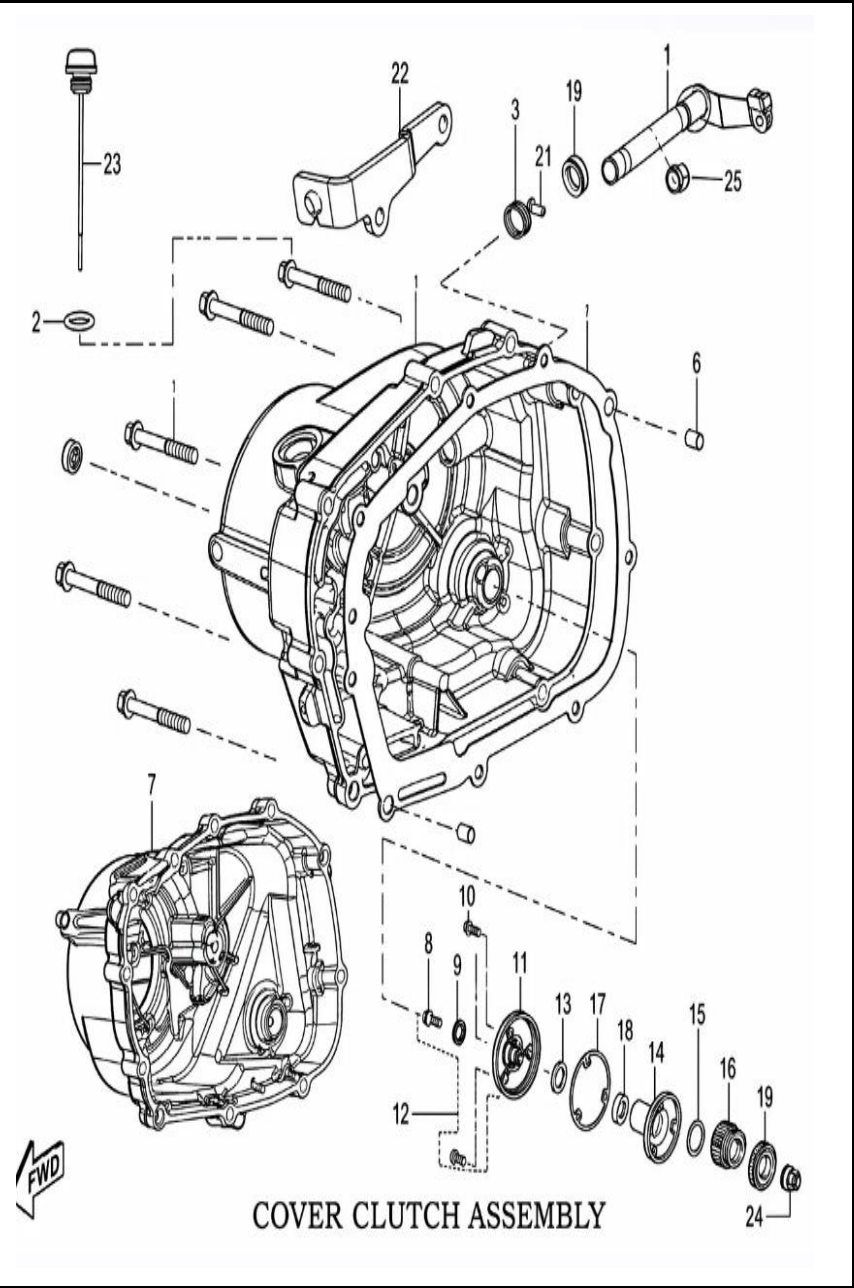


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N5200170	TORNILLO MOTOR M6X35	9	10079713
2	S1200860	ORING MEDIDOR	1	10081446
3	M7070380	RESORTE LEVA CLUTCH	1	10080366
4	N5070350	LEVA CLUTCH CARCASA	1	10081099
5	N4031120	EMPAQUE CUBIERTA CLUTCH	1	10099974
6	0074010	PIN GUIA 9X14	2	10079453
7	ND030120	CUBIERTA CLUTCH	1	10100004
8	N5081240	PIN FILTRO CENTRIFUGO	1	10082730
9	N5081230	RESORTE BAIPAS	1	10079709
10	P1200070	TORNILLO	3	10079773
11	N5081200	TAPA FILTRO CENT	1	10080188
12	N5081210	TAPA FILTRO CENTRIFUGO	1	10102343
13	N5081250	CLIP D7 TVS SPORT RP	1	10080742
14	N5081170	FILTRO CENTRIFUGO	1	10078170
15	N5070110	ARANDELA CLUTCH	1	10078614
16	NA080020	PIÑON PRIMARIO CIGÜEÑAL	1	10099972
17	N5081220	EMPAQUE FILTRO CENT	1	10078404
18	N5200710	TVS TUERCA CIGUENAL TVS SPORT	1	10078352
19	M7200490	RETEN LEVA CLUTC 12X18X4	1	10080576
20	M7200500	RESORTE ESPIGA LEVA	1	10079677
21	NA080010	PIÑON CIGÜEÑAL	1	10102344
22	N5070330	BASE CABLE CLUTCH	1	10082263
23	N1080110	MEDIDOR NIVEL ACEITE	1	10081208
24	N6020130	TUERCA	1	10086975
25	M7200510	CANASTILLA LEVA CLUTCH	2	10082182

This exploded view diagram illustrates the assembly of a mechanical component, likely a gear or pump housing. The parts are numbered 1 through 19. The central assembly consists of a gear (12) mounted on a shaft (13), which is supported by a housing (17). The housing is composed of several parts, including a front cover (10) and a rear cover (11). The diagram shows the relative positions and assembly sequence of these components, with dashed lines indicating the path of assembly. The parts are arranged in a way that shows the internal gear mechanism and the external housing structure.

TVS 

FIGURA N° 7: CUBIERTA VOLANTE (KS)

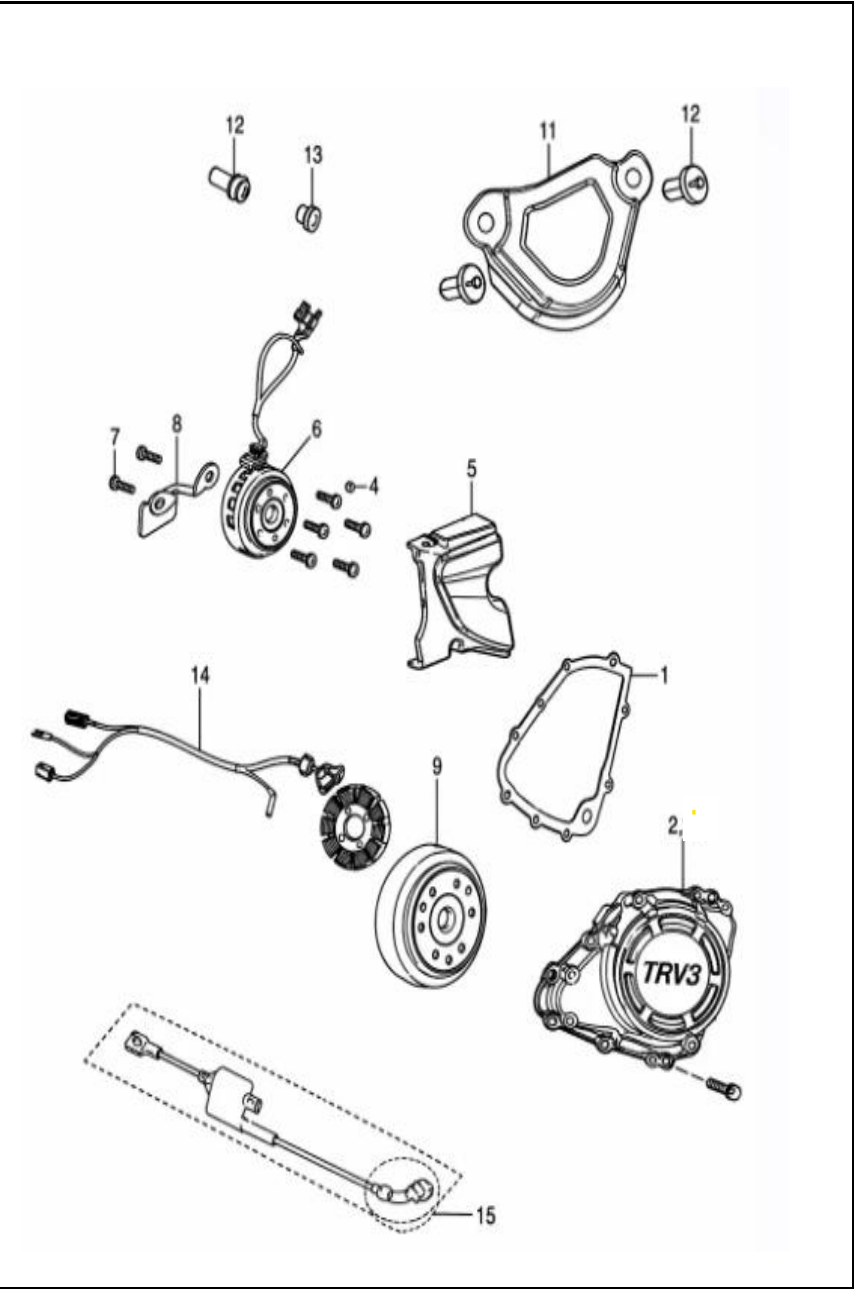


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N4030420	EMPAQUE TAPA VOLANTE	1	10099975
2	NA030110	TAPA VOLANTE	1	10102347
3	N8081050	TAPA PIÑON	1	10102348
4	M1200510	TORNILLO HEXAGONO CON BRIDA MOTOR M	5	10079665
4A	M7200740	TORNILLO HEXAGONO M6X30	9	10080257
5	N3060370	CDI/BOBINA ALTA	1	10078726
6	NA060070	VOLANTE COMPLETA	1	10101120
7	M1200770	TUERCA VOLANTE	1	10078609
8	N5081450	BASE BOBINA	1	10081217
9	N8060340	SWITCH NEUTRA	1	10080474
10	N2081680	TAPON TIEMPO	1	10078569
11	ND120980	CUBIERTA DEL MOTOR	1	10102349
12	M1200520	TORNILLO CAMPANA M6X16	2	10082181
13	NA320030	VOLANTE	1	10079523
14	ND320520	PLATO BOBINAS	1	10096183
15	N3060150	CAPUCHON BUJIA	1	10078380
16	0074010	PIN GUIA 9X14	2	10079453
17	M1200660	TORNILLO EST ST M5X16	2	10079856
18	R1060110	CLUTCH ARRANQUE	1	10078275
19	R1080990	PINON ARRANQUE FLAME	1	10081255
20	R1081000	PINON ARRANQUE	1	10084013
21	R1200090	BALINERA	1	10083908
22	R1080550	TVS PINON 1 ARRANQU 125SK RP	2	10081028
23	M1080430	EJE MOTOR ARRANQUE	1	10080713
24	M1200790	TORNILLO CLUTCH ARRANQ	1	10081570

TVS 

FIGURA N° 9: PEDAL CRANK

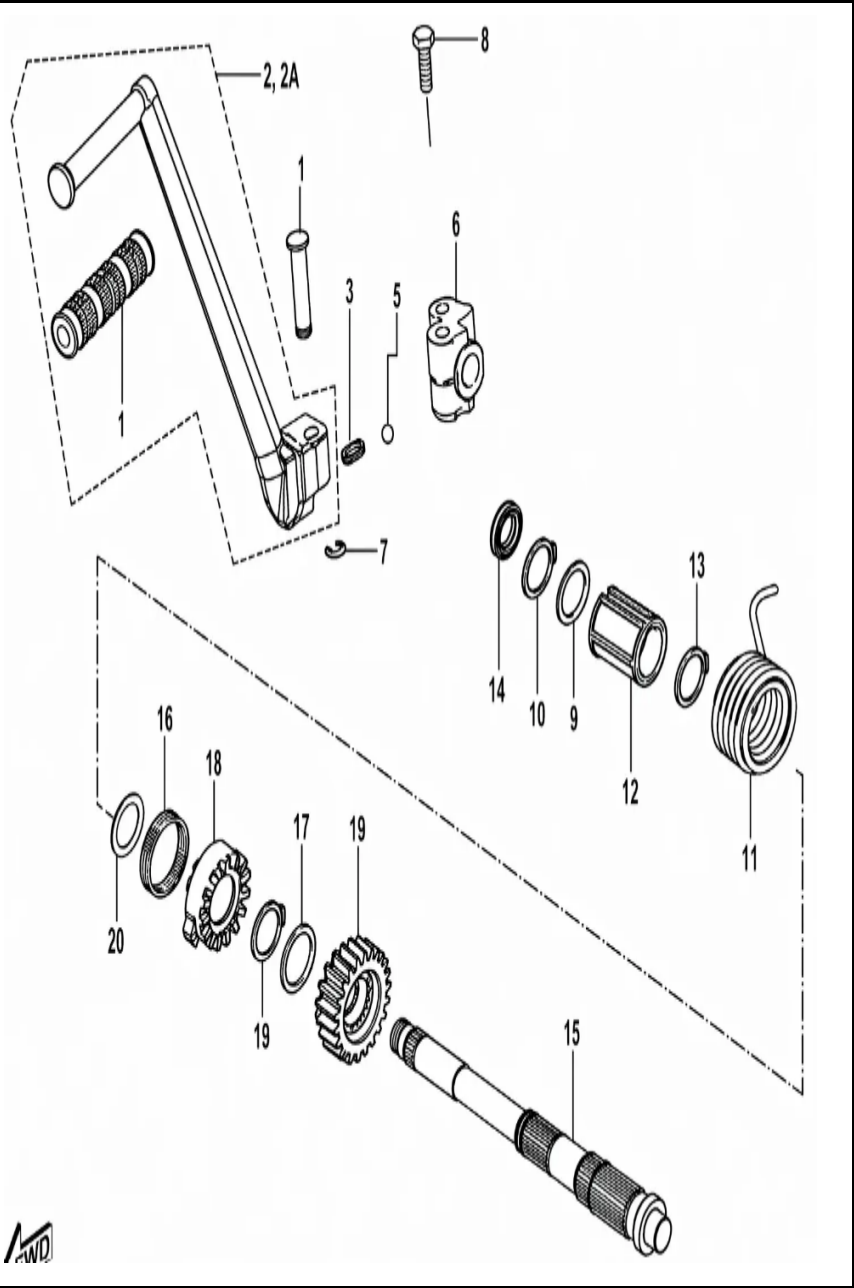


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N2081470	CAUCHO DE PALANCA	1	10079470
2	ND080100	PEDAL CRANK	1	10102351
3	N2081450	PIN SOPORTE LEVA CRANK	1	10079686
4	N2081430	RESORTE CRANK	1	10079685
5	N2081440	BALIN PATA DE ARRANQUE	1	10082537
6	N2081400	SOPORTE LEVA CRANK	1	10080480
7	N3200240	CIRCLIP CRANK	1	10080738
8	S1101250	TORNILLO HEXAGONO M8*35 6.8ZNB	1	10079786
9	0335024	ARANDELA 17X24X1	1	10079607
10	0330174	CIRCLIP EXT 20X1.2	2	10079598
11	N5081370	RESORTE CRANK	1	10078287
12	N5081280	GUIA RESOR TRIN CRANK	1	10079710
13	330164	ARANDELA DE SEGURIDAD	1	10083909
14	S1200490	RETEN EJE CRANK	1	10078290
15	N5081360	RESORTE TRINQUETE	1	10080200
16	N5081330	TRINQUETE PIÑON CRANK	1	10080335
17	N5200140	ARANDE CRANK 20X25X1.5	1	10080748
18	N5080810	PINON CRANK	1	10080320
19	N4080140	EJE CRANK	1	10081285
20	K3200880	ARANDELA ML7X24X0.5	1	10079459

FIGURA N° 10: TRANSMISIÓN

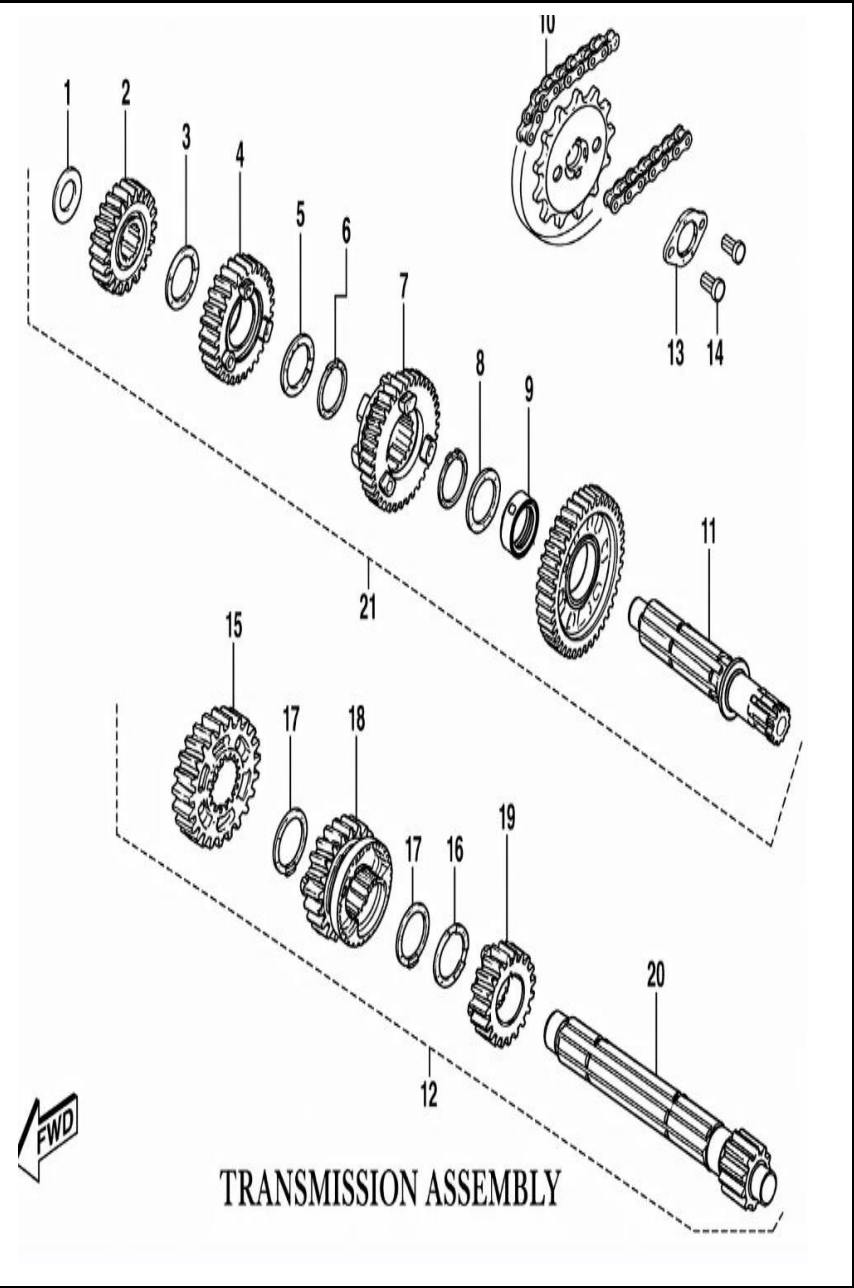


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	N5200080	ARANDELA CAJA 13X22X1.5	1	10080238
2	N5080170	TVS PINON 4TA SALIDA 23D TVS SPORT RP	1	10080488
3	N2080330	ARANDELA 2DA/3RA	3	10079682
4	N5080150	TVS PINON 3RA SALIDA 26D TVS SPORT RP	1	10082187
5	0330174	CIRCLIP EXT 20X1.2	2	10079598
6	N8080810	TVS PINON 2DA SALIDA 30D TVS SPORT	1	10078629
7	N5080060	TVS BUJE PINON 1RA SALIDA RTR RP	1	10080943
8	N5080110	TVS PINON 1RA SALIDA 36D TVS SPORT RP	1	10080559
9	N5080100	EJE SALIDA	1	10078427
10	ND110580	CADENA	1	10100000
11	N3080040	TVS PINON SALIDA L3DX4.28 125SK RP	1	10080227
12	N4080240	EJE PRIMARIO COMPLETO	1	10102352
13	N3080250	TVS ARANDELA PIN PINON SALID TVS SPORT	1	10080578
14	M1200940	TVS PERNO DE PINON DE EJE DE ARRASTRE	2	10082710
15	N5080160	TVS PINON 4TA CLUTCH 24D TVS SPORT RP	1	10080944
16	N5200110	ARANDELA CAJA 17X12X1	1	10080363
17	N5200130	CIRCLIP 17X1.2	2	10081219
18	N5080140	TVS PINON 3RA CLUTCH 21D TVS SPORT	1	10078541
19	N8080800	TVS PINON 2DA CLUTCH 17D TVS SPORT	1	10078562
20	N8080560	EJE CLUTCH	1	10079562
21	N4080230	EJE SALIDA COMPLETO	1	10078654

FIGURA N° 11: FILTRO DE AIRE

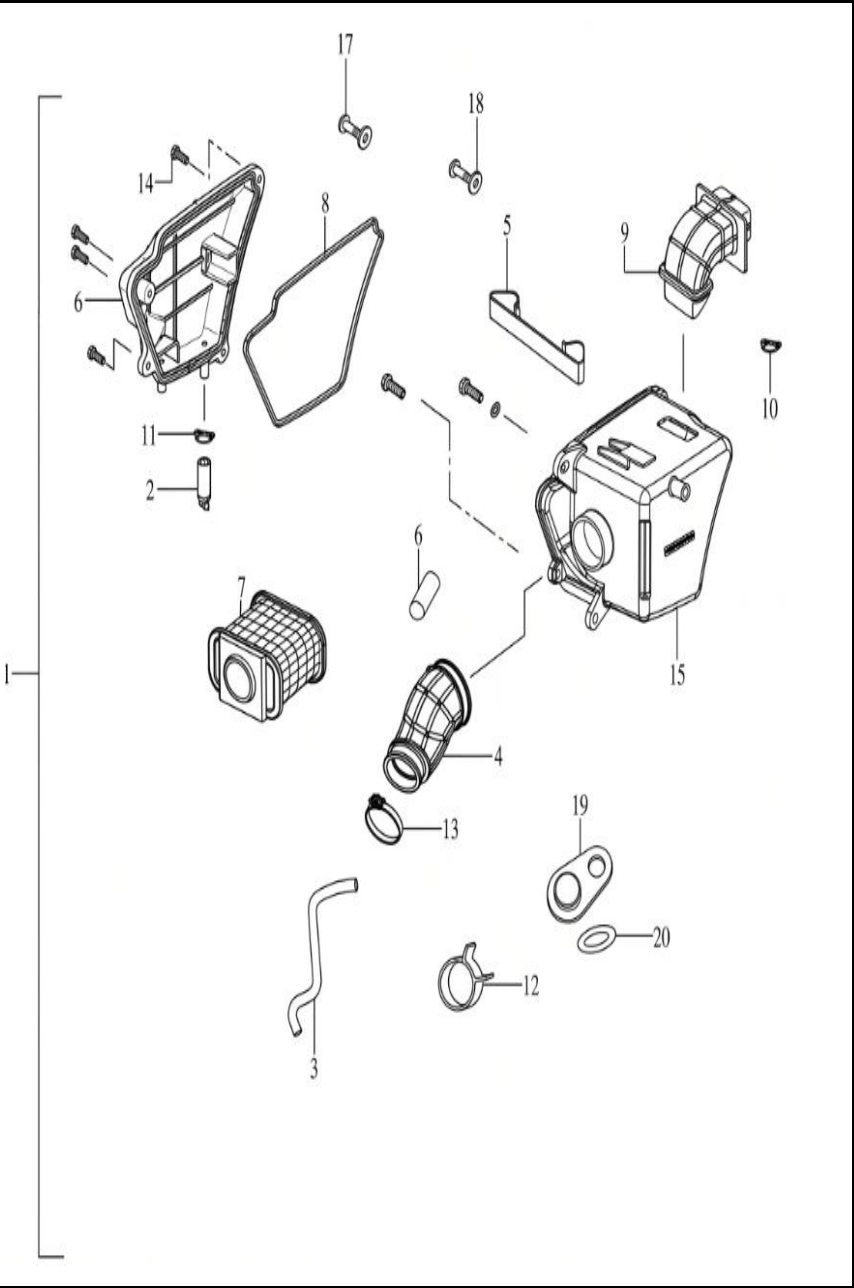


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	ND040350	FILTRO DE AIRE	1	10102410
2	P6040110	MANGUERA DRENAJE DE CUBIERTA	1	10079856
3	N6040430	MANGUERA DESFOGUE	1	10102341
4	NA040120	CONECTOR CAJA FILTRO	1	10102411
5	N2041690	ABRAZADERA FILTRO DE AIRE	1	10081092
6	NA040190	CUBIERTA CAJA FILTRO AIRE	1	10102412
7	R3040130CN	ELEMENTO FILTRO AIRE	1	10078183
8	NA040210	EMPAQUE TAPA FILTRO	1	10102413
9	N5040720	GUIA AIRE CAJA FILT	1	10079875
10	R1140440	ABRAZADERA MANGUERA DESF FILTRO 125!	1	10080846
11	N2041150	ABRAZADERA MANGUERA FILTRO	1	10079681
12	K140820	ABRAZAD MANGUERA FILTRO	1	10081555
13	NA040200	ABRAZADERA CONECTOR CAJA FILTRO	1	10102414
14	M1200660	TORNILLO EST ST M5X16	4	10079856
15	NA040180	CAJA FILTRO DE AIRE SOLA	1	10102415
16	G4040330	MANGUERA DE FILTRO DE AIRE	1	10079624
17	332275	TORNILLO M6X16	2	10083711
18	335608	ARANDELA 6 5X16X1 2	2	10090999
19	ND040310	TAPON VALVULA SAI	1	10102416
20	N8040340	ORING 2X10	1	10080283

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or actuator. The main assembly is shown in two configurations: a standard version (top) and a variant labeled '2A' (bottom). The components are numbered as follows:

- 1**: A long, curved shaft or arm.
- 2**: A central cylindrical body or housing.
- 2A**: A variant of the central body, possibly with a different internal profile.
- 3**: A small pin or screw at the top of the central body.
- 4**: A bracket or support structure at the top of the central body.
- 5**: A small pin or screw near the top of the central body.
- 6**: A small circular component, possibly a cap or seal.
- 7**: A small pin or screw.
- 8**: A small circular component, possibly a cap or seal.
- 9**: A small circular component, possibly a cap or seal.
- 10**: A small pin or screw.
- 11**: A small circular component, possibly a cap or seal.
- 12**: A long, thin rod or pin.
- 13**: A curved bracket or support structure at the bottom of the shaft.

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



This diagram is an exploded view of a mechanical assembly, likely a vehicle chassis or suspension system. The main components are labeled with numbers 1 through 35. The assembly includes a central frame (6), a steering knuckle (33), a control arm (31), a shock absorber (35), and various bolts, nuts, and washers (1-5, 7-10, 12-14, 16-19, 21-23, 25-27, 29-32). The diagram shows the relative positions and assembly sequence of these parts.

TVS 

This diagram is an exploded view of a mechanical assembly, possibly a motorcycle frame or engine component. The main structure is a frame (6) with various mounting points. Key components include:

- Handlebar Assembly (8):** Located at the top right, featuring a handlebar (8) and a seat (9).
- Engine/Drive Components:** Includes a crankshaft (15), connecting rod (16), and various bearings (17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34).
- Fasteners:** Numerous bolts (1, 2, 2A, 3, 4, 5, 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), nuts (3, 4, 5, 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), washers (3, 4, 5, 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), and pins (1, 2, 2A, 3, 4, 5, 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).
- Other Components:** Includes a cable (35), a bracket (36), and a cover (37).

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

TVS 

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve actuator. The parts are numbered 1 through 14:

- 1**: A cylindrical component with a threaded end and a flange.
- 2**: A small screw or bolt.
- 3**: A small screw or bolt.
- 4**: A long, thin rod or pin.
- 5**: A complex, multi-ported valve or manifold body.
- 6**: A small screw or bolt.
- 7**: A small screw or bolt.
- 8**: A cylindrical component with a threaded end.
- 9**: A large, complex assembly, possibly a pump head or motor housing.
- 10**: A coiled spring.
- 11**: A long, thin rod or pin.
- 12**: A long, thin rod or pin.
- 13**: A small screw or bolt.
- 14**: A coiled spring.

The diagram shows the spatial relationship between these components, with dashed lines indicating the assembly path. The main assembly (9) is shown at the bottom left, with various rods (4, 11, 12) and springs (10, 14) being attached to it. The valve body (5) is shown in the center, with various screws (2, 3, 6, 7) and a rod (4) being attached to it. The cylindrical components (1, 8) are shown at the top left and right, with a rod (4) being attached to them.

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

- 1**: A long cylindrical shaft.
- 2**: A coiled spring.
- 3**: A small cylindrical pin.
- 4**: A small cylindrical pin.
- 5**: A small cylindrical pin.
- 6**: A small cylindrical pin.
- 7**: A small cylindrical pin.
- 8, 8A**: A small cylindrical pin.
- 9**: A small cylindrical pin.
- 10**: A small cylindrical pin.
- 11**: A small cylindrical pin.
- 12**: A small cylindrical pin.
- 13**: A small cylindrical pin.
- 14**: A large, curved metal frame.
- 14A**: A large, curved metal frame.
- 15**: A small cylindrical pin.
- 16**: A small cylindrical pin.
- 17**: A small cylindrical pin.

The diagram shows the assembly of the chassis components, including the main frame (14), the coiled spring (2), and various pins (1-17). The components are shown in their relative positions, with dashed lines indicating the assembly path.

TVS 

This exploded view diagram illustrates the components of a vehicle's rearview mirror assembly. The parts are numbered as follows:

- 1, 2, 2A:** Mirror housing and mounting bracket components.
- 3, 4, 5, 6, 6A:** Mirror housing and mounting bracket components.
- 7, 8:** Mirror housing and mounting bracket components.
- 9, 10, 11, 13, 14:** Mirror housing and mounting bracket components.
- 12:** Mirror housing and mounting bracket components.
- 15:** Mirror housing and mounting bracket components.
- 16:** Mirror housing and mounting bracket components.
- 17:** Mirror housing and mounting bracket components.
- 18, 19, 20:** Mirror housing and mounting bracket components.
- 21, 22, 23, 24:** Mirror housing and mounting bracket components.
- 25, 26, 27:** Mirror housing and mounting bracket components.

18

19

This diagram illustrates the assembly of a mechanical component, likely a bracket or a plate, with the following parts:

- 1:** Four long screws with hexagonal heads.
- 2:** Two U-shaped brackets with a central slot.
- 3:** Two larger U-shaped brackets with a central slot and a mounting flange.
- 4:** One circular washer or spacer.
- 5:** One circular washer or spacer.
- 6:** One small screw with a hexagonal head.
- 7:** The main elongated plate or bracket with multiple mounting holes.
- 8:** One circular washer or spacer.
- 9:** One circular washer or spacer.
- 10:** One hexagonal nut.

Dashed lines indicate the assembly sequence and alignment of the parts onto the main component (7).

20

This diagram illustrates the assembly of a mechanical component, likely a lever or actuator. The parts are numbered 1 through 14. The main assembly consists of a curved lever arm (1) with a textured foot (8) at one end and a mounting bracket (14) at the other. A long, thin rod (3) is attached to the bracket and extends horizontally. A coiled spring (2) is attached to the rod. A small pin (10) and a washer (9) are shown near the rod. A dashed line indicates the assembly of a coiled spring (5) with a pin (4) and a washer (6). A small pin (7) is also shown. A key (11) and a washer (12) are shown near the bracket. A key (13) and a washer (14) are shown near the lever arm.



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

- 1**: Headlight lens (top left).
- 2**: Headlight housing (top left).
- 3**: Mounting bracket (top center).
- 4**: Mounting pin (top center).
- 5**: Mounting pin (top right).
- 6**: Mounting pin (top right).
- 7**: Mounting pin (top right).
- 8**: Mounting pin (top right).
- 9, 9A**: Mounting pin (top right).
- 10**: Washer (middle right).
- 11**: Mounting pin (middle right).
- 12**: Mounting pin (middle right).
- 13**: Washer (bottom center).
- 14**: Mounting bracket (bottom center).
- 15**: Washer (bottom right).
- 16**: Mounting pin (middle left).
- 17**: Mounting pin (bottom left).
- 18**: Mounting pin (bottom center).
- 19**: Mounting pin (bottom center).
- 20**: Mounting pin (bottom center).
- 21**: Mounting pin (bottom center).
- 22**: Mounting pin (bottom right).
- 23**: Mounting pin (bottom right).
- 24**: Mounting pin (bottom right).
- 25**: Mounting pin (bottom center).
- 26**: Mounting pin (bottom center).
- 27**: Mounting pin (bottom center).
- 28**: Mounting pin (bottom center).
- 29**: Mounting pin (bottom center).
- 30**: Mounting pin (middle left).
- 31**: Mounting pin (bottom right).
- 32**: Mounting pin (bottom right).

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

- 1**: Headlight lens
- 2**: Headlight housing (upper part)
- 3**: Mounting bracket
- 4**: Mounting pin
- 5**: Mounting pin
- 6**: Mounting pin
- 7**: Mounting pin
- 8**: Mounting pin
- 9, 9A**: Mounting pin
- 10**: Washer
- 11**: Mounting pin
- 12**: Mounting pin
- 13**: Mounting pin
- 14**: Mounting bracket
- 15**: Washer
- 16**: Headlight housing (lower part)
- 17**: Mounting pin
- 18**: Mounting pin
- 19**: Mounting pin
- 20**: Mounting pin
- 21**: Mounting pin
- 22**: Mounting pin
- 23**: Mounting pin
- 24**: Mounting pin
- 25**: Mounting pin
- 26**: Mounting pin
- 27**: Mounting pin
- 28**: Mounting pin
- 29**: Mounting pin
- 30**: Mounting pin
- 31**: Mounting pin
- 32**: Mounting pin

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FIGURA N° 20: SILLÍN / CUBIERTAS

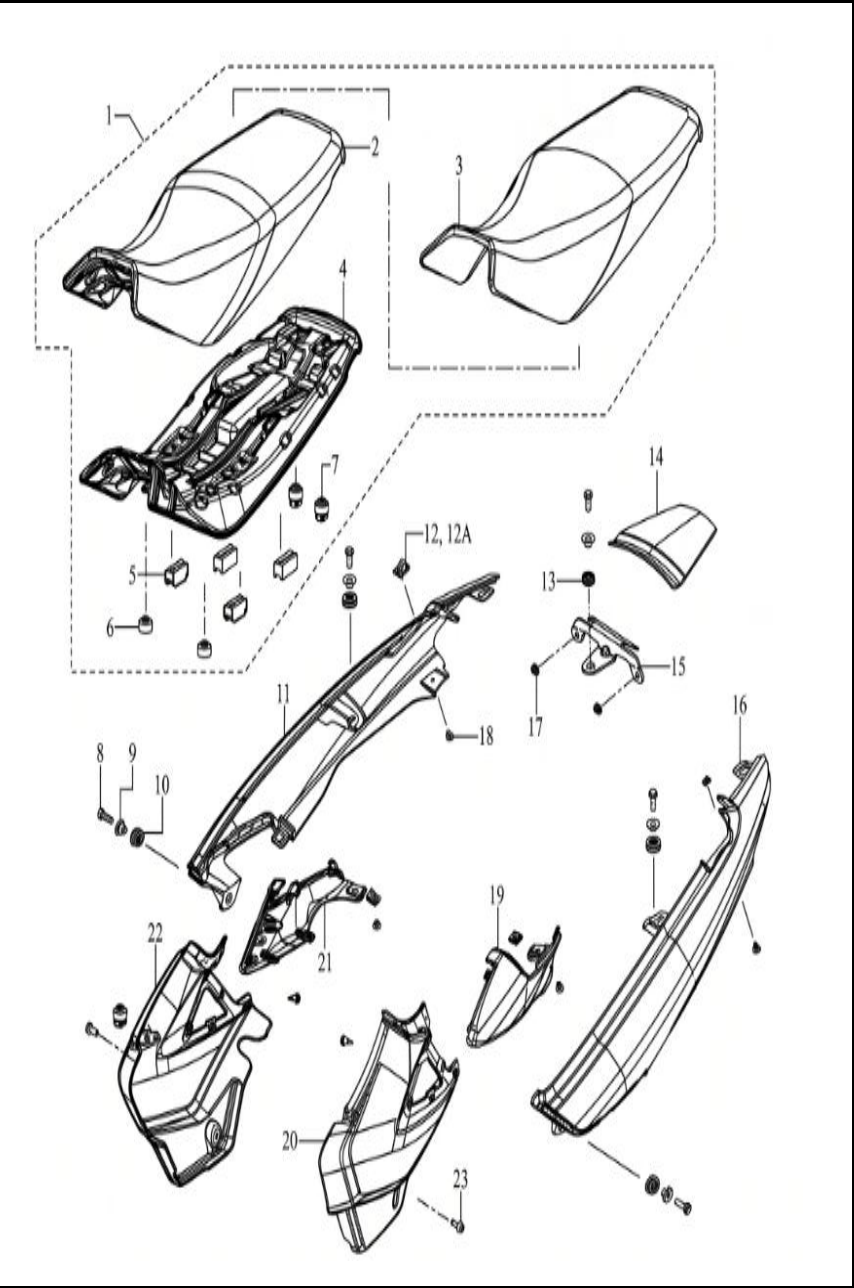


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	ND130090	SILLIN COMPLETO	1	10078775
2				
3				
4	N8130290	BASE SILLIN	1	10078778
5	N8130240	ANTIVIBRANTE INFE SILLIN	5	10078871
6	N3130040	ANTIVIBRANTES REDON SILLIN	1	10078870
7	N8130320	ANTIVIBRA REDON TRAS SILLIN	2	10078872
8	420462700	TORNILLO M6X20	5	10081580
9	N8122610	BUJE ESPACIADOR	5	10079897
10	N3120130	CAUCHO RECIBIDOR PEQ	4	10080275
11	N8220799	CUB SILLIN RH SIN PINTAR	1	10078857
12	7130020	CHAPETA M6	4	10082666
12A	S1200700	TUERCA PASTILLA	1	10086425
13	N8220180	CAUCHO SOPORTE FAROLA	1	10079732
14	N5220379	CUB STOP SIN PINTAR	1	10078858
15	N8220940	SOPORTE CUBIERTAS	1	10079571
16	N8220789	CUBIERTA SILLÍN IZQUIERDO	1	10078856
17	0334146	TUERCA M6X1	2	10081575
18	N3200340	TORNILLO EST ST M4.2X13	4	10081096
19	N5220619	TAPA LATERAL INTERNA IZQ.	1	10078854
20	N5220330	TAPA LAT IZQ	1	10078653
21	N5220629	COMP TAPA RH SIN PINTAR	1	10078855
22	N5220340	TAPA LATERAL RH NEGRO MATE	1	10078853
23	332275	TORNILLO M6X16	2	10083711

This exploded view diagram illustrates the assembly of a motorcycle headlight. The main components are labeled as follows:

- 1, 1A:** The headlight lens and its mounting bracket.
- 2:** The main headlight housing.
- 3:** A small O-ring or seal.
- 4:** The main headlight bulb or reflector assembly.
- 5:** A small screw or fastener.
- 6, 6A:** A long, curved mounting bracket.
- 7:** A small screw or fastener.
- 8, 8A:** A long, straight mounting bracket.
- 9:** A small screw or fastener.
- 10, 10A, 10B:** Various mounting brackets and fasteners.
- 11:** A small screw or fastener.
- 12, 12A:** A small screw or fastener.
- 13, 13A, 13B:** A small screw or fastener.
- 14:** A small screw or fastener.
- 15, 15A:** A small screw or fastener.
- 16:** A small O-ring or seal.
- 17, 17A:** A small screw or fastener.
- 18:** A small screw or fastener.

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This exploded view diagram illustrates the assembly of a motorcycle headlight. The main components are labeled as follows:

- 1**: Headlight lens and bezel assembly.
- 1,1A**: A small circular cap or seal for the lens.
- 2**: The main headlight housing.
- 3**: A small O-ring or seal.
- 4**: The headlight bulb.
- 5**: A mounting bracket or clip for the bulb.
- 6,6A**: A long, curved mounting bracket.
- 7**: A small screw or fastener.
- 8,8A**: A long, straight mounting bracket.
- 9**: A small screw or fastener.
- 10,10A**: A mounting bracket or clip.
- 11**: A mounting bracket or clip.
- 12,12A**: A mounting bracket or clip.
- 13,13A,13B**: A mounting bracket or clip.
- 14**: A mounting bracket or clip.
- 15,15A**: A mounting bracket or clip.
- 16**: A small O-ring or seal.
- 17,17A**: A mounting bracket or clip.
- 37**: A small screw or fastener.
- 18**: A mounting bracket or clip.

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TVS 

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

- 1-5:** Upper fork tube cap assembly, including a cap (1), cap nut (2), cap washer (3), cap tube (4), and cap pin (5).
- 6:** Upper fork tube (11).
- 7-9:** Lower fork tube cap assembly, including a cap (7), cap nut (8), and cap pin (9).
- 10-14:** Lower fork tube (11) and its associated seals and washers (10, 12, 13, 14).
- 15-16:** Lower fork tube cap assembly, including a cap (15) and cap pin (16).
- 17-19:** Lower fork tube (11) and its associated seals and washers (17, 18, 19).
- 20-21:** Lower fork tube (11) and its associated seals and washers (20, 21).
- 22-31:** Upper fork tube cap assembly, including a cap (22), cap nut (23), cap washer (24), cap tube (25), cap pin (26), cap washer (27), cap washer (28), cap washer (29), cap washer (30), and cap washer (31).
- 32, 32A:** Upper fork tube cap assembly, including a cap (32) and cap pin (32A).
- 33, 33A:** Upper fork tube cap assembly, including a cap (33) and cap pin (33A).
- 34-36:** Lower fork tube cap assembly, including a cap (34), cap nut (35), cap washer (36), cap washer (37), cap washer (38), and cap washer (39).
- 37-42:** Lower fork tube cap assembly, including a cap (37), cap nut (38), cap washer (39), cap washer (40), cap washer (41), and cap washer (42).
- 43-47:** Lower fork tube cap assembly, including a cap (43), cap nut (44), cap washer (45), cap washer (46), and cap washer (47).

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FIGURA N° 23: SUSPENSIÓN DELANTERA (2/2)

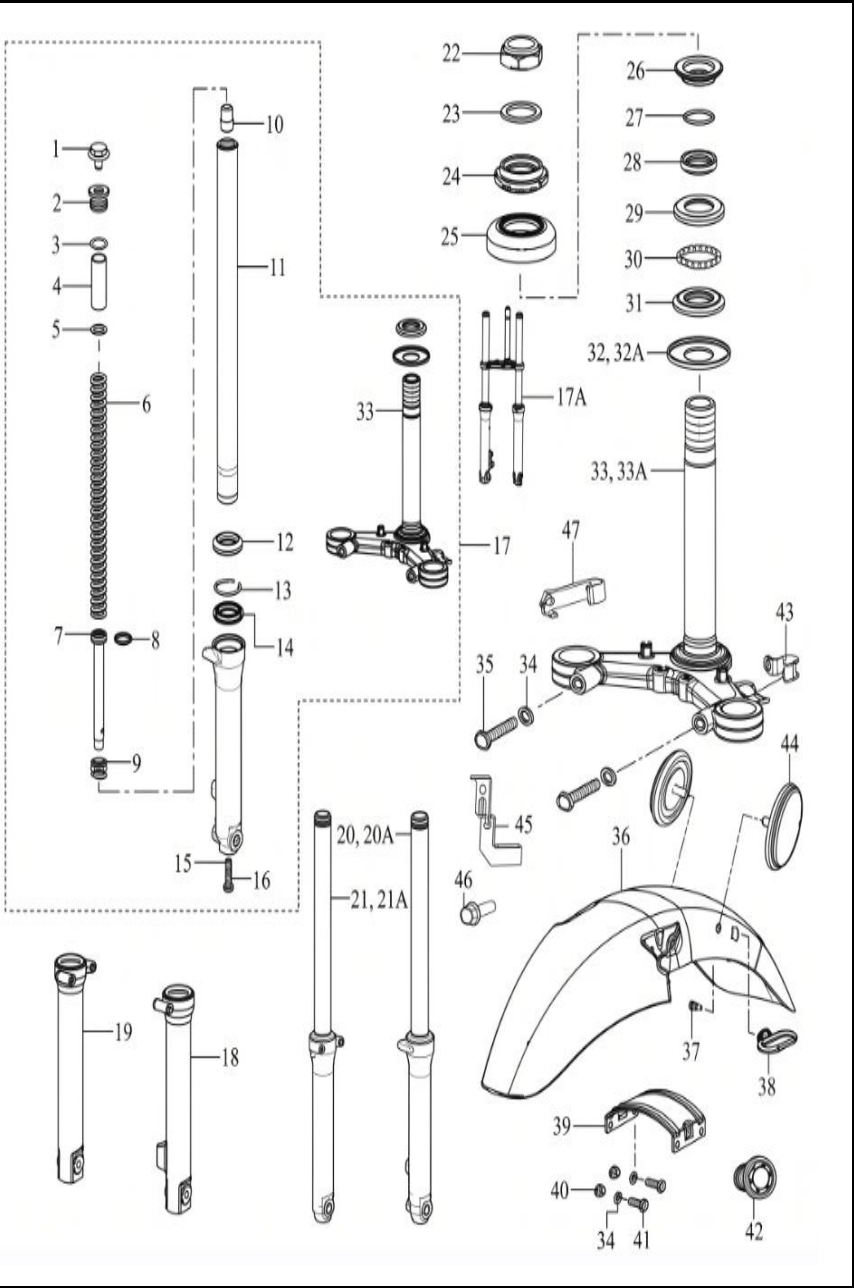


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
26	S1101150	CUNA DIRECC SUPERIOR	1	10081041
27	420404000	BALIN	1	10081362
28	S1125290	PISTA SUPERIOR CUNAS	1	10078897
29	K3100590	CUNA DIRECC CHASIS INF	1	10078896
30	N9101110	BALIN DIRECCION INF	1	10080796
31	N8120910	CUNA DIRECC INFERIOR	1	10079564
32	N8120920	GUARDAPOLVO DIRECC INF	1	10080377
32A	N9101580	GUARDAPOLVO DE SUSPENSION BAJA	1	10080798
33	N8100680	HORQUILLA INFERIOR	1	10080176
33A	N3102540	HORQUILLA INFERIOR	1	10080382
34	330318	ARANDELA COM M8X1	6	10081366
35	420955700	TORNILLO M8X40	2	10080857
36	N8221739	GUARDABARRO DELANTERO(SIN PINTAR)	1	10078852
37	N3100230	PIN CAUCHO GUÍA CABLE	1	10079693
38	N3100220	GUÍA CABLE VELOCÍMETRO	1	10079869
39	N2100150	SOPORTE GUARDABARRO DEL.	1	10080451
40	M7101020	BUJE GUARDABARRO DEL.	4	10079670
41	420454700	TORNILLO HEXAGONAL M8X20	4	10079456
42	N9100840	TORNILLO HORQUILLA	1	10081235
43	M7100760	CLIP CABLE VELOCIMETRO	1	10082530
44	N9227200	MICA REFLECTORA	2	10079521
45	N9111270	GUIA MANGUERA FRENO	1	10083958
46	U2200010	TORNILLO CAMP M8X27	2	10079793
47	N9111220	GUIA DE MANGUERA FRENO	1	10079745

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

- 1-5:** Fasteners for the tire, including a small pin (1), a nut (2), a washer (3), a lock washer (4), and a bolt (5).
- 6:** The outer tire.
- 7:** The inner tube.
- 8:** A small pin or clip.
- 9:** The wheel rim.
- 10-16:** Components of the hub and axle assembly, including a hub (10), a nut (11), a washer (12), a pin (13), a bolt (14), a hub cap (15), a pin (16), a bolt (17), a nut (18), a pin (19), a washer (20), and a pin (21).
- 17-22:** Components of the brake system, including a pin (17), a nut (18), a pin (19), a washer (20), a pin (21), a pin (22), and a pin (23).
- 23-28:** Components of the suspension system, including a pin (23), a nut (24), a pin (25), a pin (26), a pin (27), and a pin (28).
- 29:** A small pin or clip.
- 30:** A small pin or clip.

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

- 1-5:** A series of small fasteners, likely spacers or washers, used in the axle assembly.
- 6:** The outer rim of the wheel.
- 7:** The spokes of the wheel.
- 8:** A small bolt or pin used to secure the spokes to the rim.
- 9:** The central hub area where the axle is mounted.
- 10-15:** Components of the brake system, including a brake disc (15), brake pads (11, 12), and a brake caliper (16).
- 16-22:** Various bolts and pins used to assemble the brake components.
- 23-25:** A swingarm or fork arm component with associated mounting hardware.
- 26-28:** Additional bolts and pins for the swingarm assembly.
- 29:** A small electrical component, possibly a brake light switch or sensor.
- 30:** A long axle pin or shaft.

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FIGURA N° 25: RUEDA TRASERA (1/2)

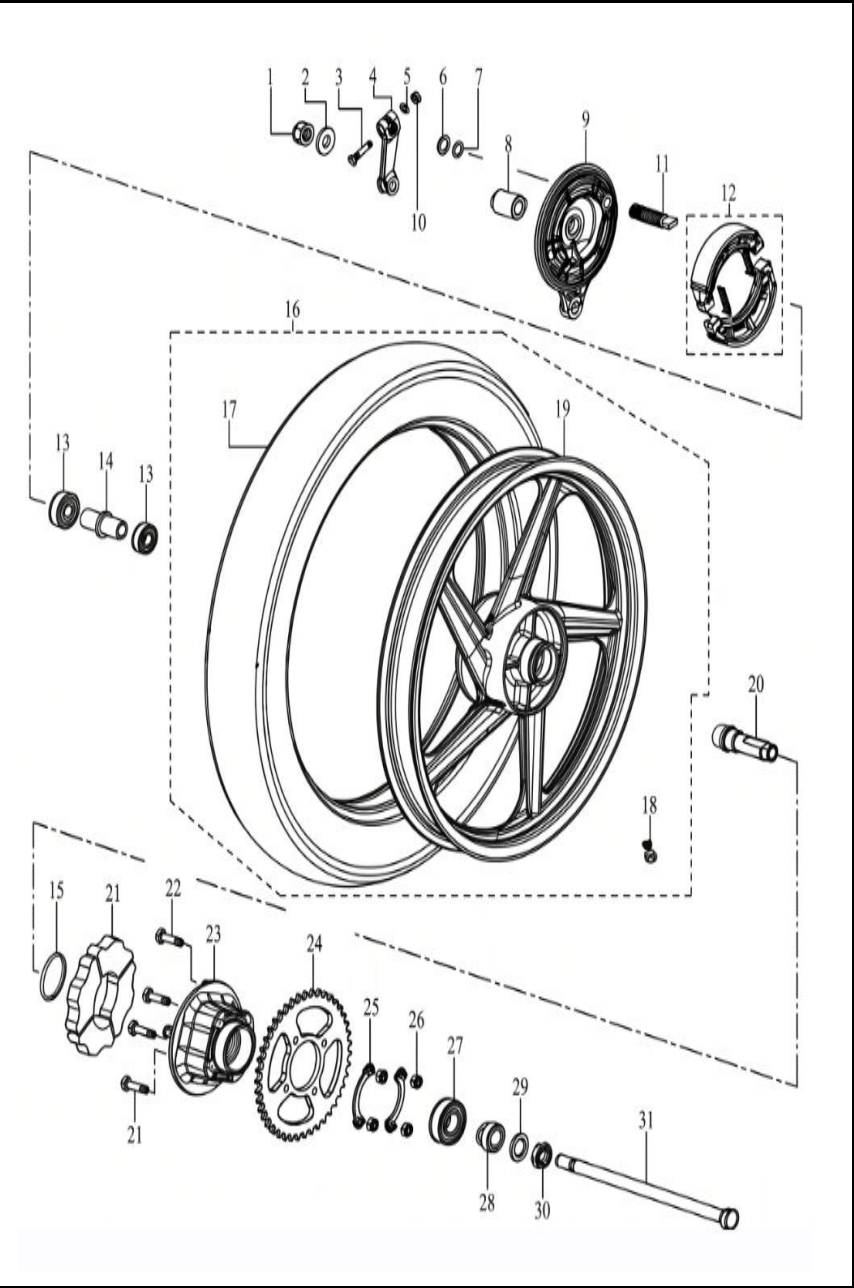


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	S1200790	TUERCA EJE TRAS M12	1	10079955
2	N3200080	ARANDELA 12.5X30.0X3.	1	10079701
3				
4	N5110740	LEVA PORTABANDAS	1	10080566
5	335578	ARANDELA 6.5X13X1	1	10083907
6	N3200070	ARANDELA 14.5X22X1.6	1	10079870
7	178030	CAS AXES INT BLOK NEGRO VERDE MATE M	1	20021361
8	N8111720	BUJE RUEDA TRAS DER	1	10080768
9	N21102905D	PORTABANDAS TRAS	1	10078512
10	420305700	TUERCA HEXAGONO M6	1	10081578
11	S1111710	LEVA INTERNA PORTA BANDAS	1	10080575
12	3171090	JGO BANDAS FRENO TRAS	1	10078106
13	N3200010	BALINERA 12X37X12 6301	1	10081283
14	N2110190	BUJE INT RUEDA TRAS	1	10080346
15	N2110670	RETENEDOR	1	10080247
18	N9112880	VALVULA AIRE	1	10080247
19	N5112230	RIN TRASERO	1	10099993
20	N8111580	BUJE PORTA SPROCKET	1	10078355
21	N2110360	CAUCHO CAMPANA	4	10078111
22	0331318	TORNILLO PORTASPROCKET	4	10078112

This exploded view diagram illustrates the assembly of a motorcycle wheel. The central component is the wheel rim (17) with a tire (18) mounted on it. The wheel is connected to the axle (31) via a hub (9) and a series of components including a brake disc (12), a brake caliper (19), and a brake master cylinder (20). The axle is secured with a nut (28) and a washer (29). The diagram also shows the installation of a chain (24) and a sprocket (25) onto the axle. Various bolts, washers, and spacers (1-8, 10-11, 13-14, 21-23, 26-27, 30) are shown in their respective positions for assembly.

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

- 1:** A small cylindrical component, likely a fuse or a small light bulb.
- 2:** A rectangular control unit with a star-shaped logo and a cable.
- 3:** A small cylindrical component, possibly a light bulb or a small motor.
- 4:** A complex assembly of components, including a light housing and a mounting bracket.
- 5:** A small electronic component, possibly a relay or a control module.
- 6:** A small cylindrical component, possibly a light bulb or a small motor.
- 7:** A long, flexible cable with multiple connectors.
- 8:** A long, flexible cable with multiple connectors.
- 9:** A circular component, possibly a light lens or a mounting bracket.
- 10:** A small cylindrical component, possibly a light bulb or a small motor.
- 11:** A long, flexible cable with a connector.
- 12:** A long, flexible cable with a connector.
- 13:** A complex assembly of components, including a light housing and a mounting bracket.
- 14:** A small cylindrical component, possibly a light bulb or a small motor.
- 15:** A small cylindrical component, possibly a light bulb or a small motor.
- 16:** A small rectangular component, possibly a control module.
- 17:** A small rectangular component, possibly a control module.
- 18:** A small rectangular component, possibly a control module.
- 19:** A complex assembly of components, including a light housing and a mounting bracket.
- 20:** A rectangular component, possibly a control module.
- 21:** A long, flexible cable with a connector.
- 22:** A long, flexible cable with a connector.
- 23:** A small cylindrical component, possibly a light bulb or a small motor.
- 24:** A complex assembly of components, including a light housing and a mounting bracket.
- 25:** A long, flexible cable with a connector.



This exploded view diagram illustrates the components of a vehicle's rearview mirror assembly. The parts are numbered as follows:

- 1:** A small cylindrical component, likely a pin or plug.
- 2:** A rectangular electronic control unit with a triangular warning symbol and a cable with multiple connectors.
- 3:** A circular mirror housing or lens assembly.
- 4:** A vertical mounting bracket or support structure.
- 5:** A small mechanical component, possibly a switch or actuator.
- 6:** A small L-shaped bracket or pin.
- 7:** A curved cable or wire harness.
- 8:** A long, flexible cable with multiple connectors at both ends.
- 9:** A circular component, possibly a lens or a small mirror.
- 10:** A small screw or fastener.
- 11:** A long, thin rod or pin.
- 12:** A long, thin rod or pin with a coiled section.
- 13:** A large, complex metal bracket or mounting plate.
- 14:** A small screw or fastener.
- 15:** A small screw or fastener.
- 16:** A small rectangular component, possibly a switch or actuator.
- 17:** A small rectangular component, possibly a switch or actuator.
- 18:** A small rectangular component, possibly a switch or actuator.
- 19:** A long, thin rod or pin with a coiled section.
- 20:** A rectangular component, possibly a switch or actuator.
- 21:** A long, thin rod or pin with a coiled section.
- 22:** A long, thin rod or pin with a coiled section.
- 23:** A small circular component, possibly a lens or a small mirror.
- 24:** A long, thin rod or pin with a coiled section.
- 25:** A long, thin rod or pin with a coiled section.

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

- 1**: Headlight housing (top view)
- 2**: Headlight lens (top view)
- 3**: Headlight housing (side view)
- 4**: Headlight bulb
- 5**: Headlight mounting bracket (top view)
- 6**: Headlight mounting bracket (side view)
- 7**: Headlight mounting bracket (bottom view)
- 8**: Headlight mounting bracket (top view)
- 9**: Headlight mounting bracket (side view)
- 10**: Headlight mounting bracket (bottom view)
- 11**: Headlight mounting bracket (top view)
- 12**: Headlight mounting bracket (side view)
- 13**: Headlight mounting bracket (bottom view)

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

- 1**: A long screw for the main fender mounting.
- 2**: Two small screws for the fender bracket.
- 3**: A long metal bracket with two mounting points.
- 4**: A small rectangular plate with a central hole.
- 5**: A small screw for the bracket.
- 6**: A small screw for the fender bracket.
- 7**: The main rear fender body.
- 8**: A small screw for the fender bracket.
- 9**: A small screw for the fender bracket.
- 10**: A small screw for the fender bracket.
- 11**: A small screw for the fender bracket.
- 12**: A small screw for the fender bracket.
- 13**: A small screw for the fender bracket.

The diagram shows the fender (7) being attached to the bracket (3) using screws (1, 2, 5, 6, 8, 9, 10, 11, 12, 13). The bracket (3) is then mounted to the motorcycle frame using the long screw (1) and the small plate (4).

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FIGURA N° 29: BRAZO OSCILANTE / AMORTIGUADOR

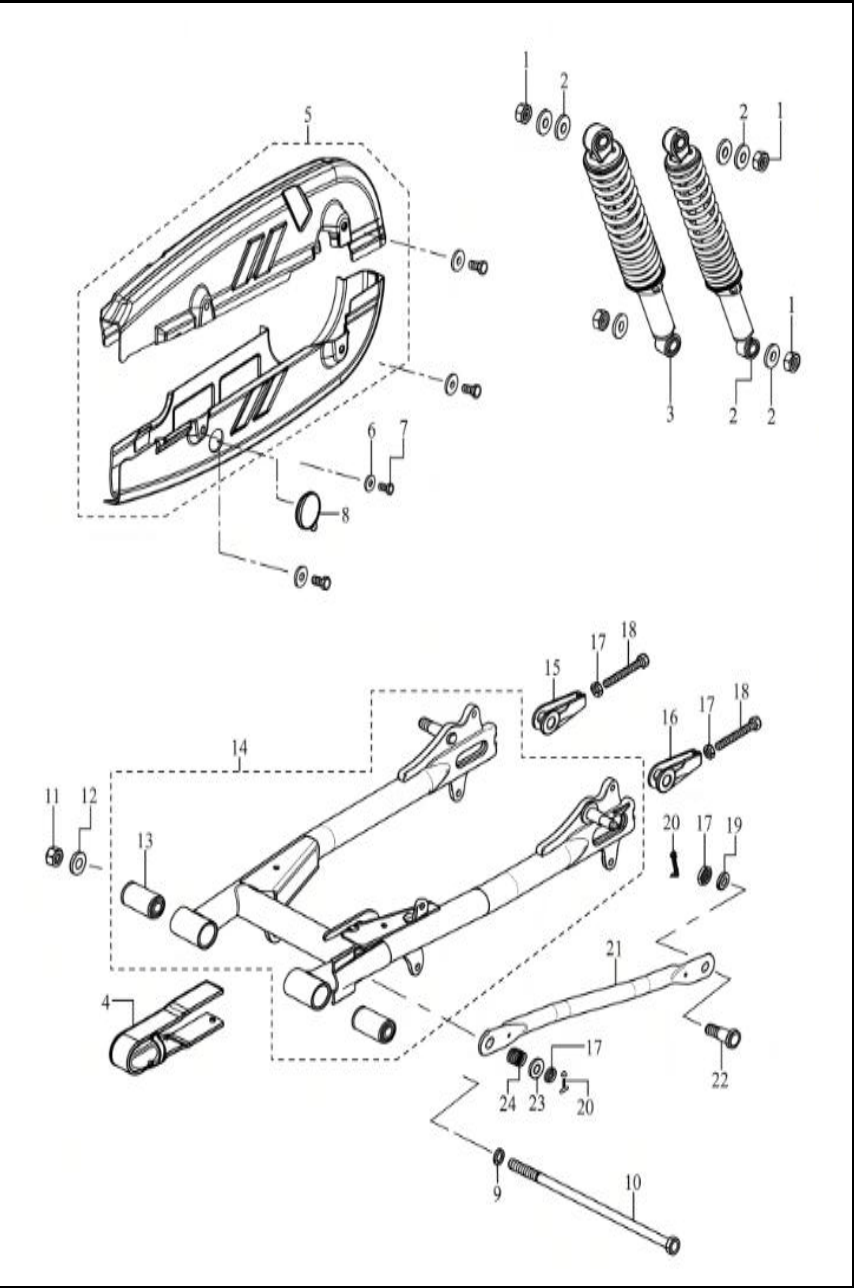


FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	K200690	TUERCA M10X8	2	10079632
2	0335628	ARANDELA	6	10079611
3	N8091100	AMORTIGUADOR TRAS	2	10078224
4	N8090760	DESLIZADOR CADENA	1	10080191
5	N8323700	GUARDACADENA COMPLETO	1	10078273
6	335928	ARANDELA 6.5X18.0X1.6	4	10081725
7	420464700	TORNILLO M6X16	4	10081441
8	409198000	TAPON GUARDACADENA	1	10080565
9	420015700	ARANDELA PLANA 12.5X20X1.2	1	10082670
10	N3091280	EJE RUED TRAS/TIJERA	1	10080147
11	0334158	TUERCA EJE TIJERA	1	10079794
12	0335678	ARANDELA 12.5X24X3.2	1	10079612
13	N3090670	BUJE TIJERA	2	10078405
14	N8323710	BRAZO OSCILANTE	1	10080181
15	0202118	ENSOR CADENA DERECHO	1	10078171
16	3202318	ENSOR CADENA IZQUIERDO	1	10078461
17	0334218	TUERCA CLIP M8X1.5	4	10081363
18	0331308	TORNILLO TENSOR CADENA	2	10079601
19	0330318	ARANDELA COM M8X1	2	10081366
20	0330048	PIN CLIP 2X20	1	10081727
21	M7090970	BARRA TORQUE	1	10080075
22	N3090700	TORNILLO TORQUE	1	10078202
23	G5200400	ARANDELA 8.5X20X2.0	1	10079628
24	3207018	RESORTE TORQUE FRENO	1	10080856

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

- 1**: A long, thin rectangular plate or cover at the top.
- 2**: A curved bracket or arm on the left side.
- 3**: A small pin or fastener located near part 2.
- 4**: A small rectangular component, possibly a switch or sensor, located near part 2.
- 5**: A small cylindrical component, possibly a pin or fastener, located near part 2.
- 6**: A long, thin rod or shaft extending from the left side towards the right.
- 7**: A small cylindrical component, possibly a pin or fastener, located near the bottom right.
- 8**: A small rectangular component, possibly a switch or sensor, located near the bottom left.
- 9**: A complex mechanical assembly, possibly a motor or actuator, located at the bottom center.

Dashed lines indicate the assembly path or alignment of the components.

TVS 

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

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FICHA TÉCNICA TVS SPORT 110 FI

UNIDAD	
CARACTERISTICA	
Motor	4 Tiempos, monocilíndrico, SOHC
Cilindrada	109,7 cc
Relación de Compresión	10:01
Potencia Máxima	8,08 HP @ 7,350 rpm
Torque Máximo	8,7 Nm @ 4,500 rpm
Arranque	Electrico/Pedal
Transmisión	Mecánica 4 velocidades/Cadena
Sistema de Alimentación	Inyeccion electronica- ET/FI- BSVI
Aceite	20w 50
Refrigeración	Aire
FRENOS	
Freno Delantero	Disco 240mm con SBT
Freno Trasero	Campana 110mm
SUSPENSION	
Suspensión Delantera	Horquilla telescópica
Suspensión Trasera	Doble amortiguador de ajuste en precarga
CAPACIDAD DEL TANQUE	
Lleno	10 l (2.64 gal)
Combustible	Corriente
LLANTAS	
Llanta Delantera	2.75 x 17" 41P 4PR
Llanta Trasera	3.00 x 17" 50P 6PR
Rines	Aspas- Tubeless
SISTEMA ELECTRICO	
Sistema de Ignición	ET/FI
DIMENSIONES	
Largo Total	1950 mm
Altura Total	1080 mm
Ancho Total	705 mm
Distancia Entre Ejes	1236 mm
Altura Al Piso	172 mm



DESCRIPCIÓN	CANT.	SAP
ACEITE TVS TRU4 DURALIFE 20W50	12	10084241

