



Benelli
PERFORMANCE AND STYLE

MANUAL DE **PARTES**

TRK 502X



SISTEMA DE ENCENDIDO AUTOMÁTICO DE LUCES

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



SISTEMA ANTIBLOQUEO DE FRENS

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



LUCES DE CIRCULACIÓN DIURNA

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

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.autecomobility.com 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 Mobility.

REVISADO ABRIL 2025



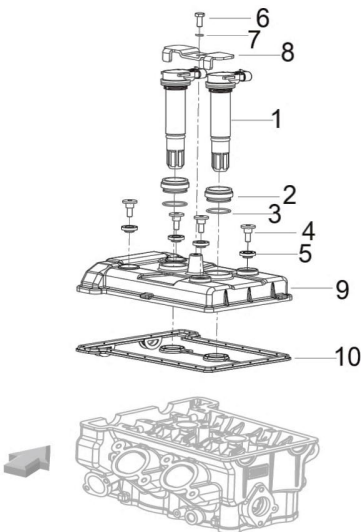
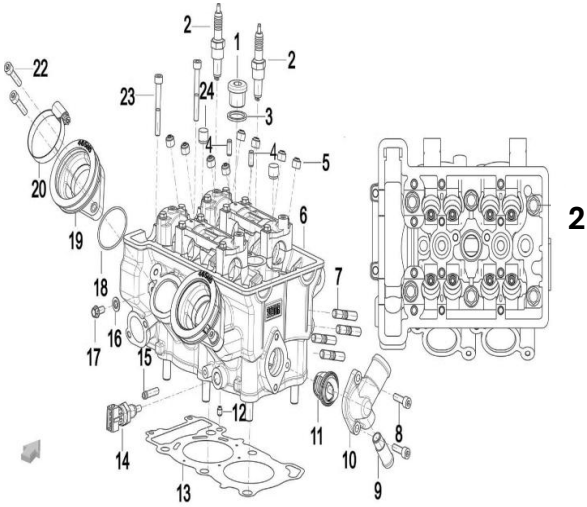
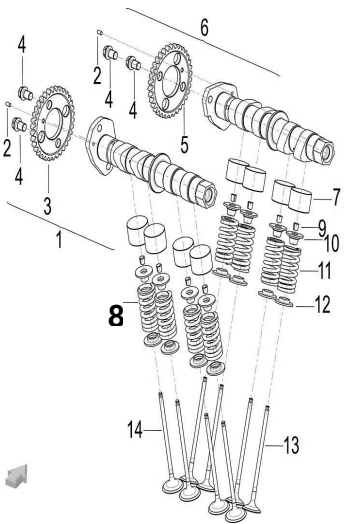
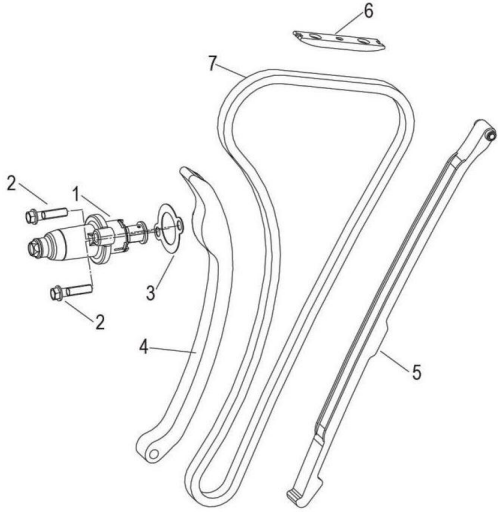
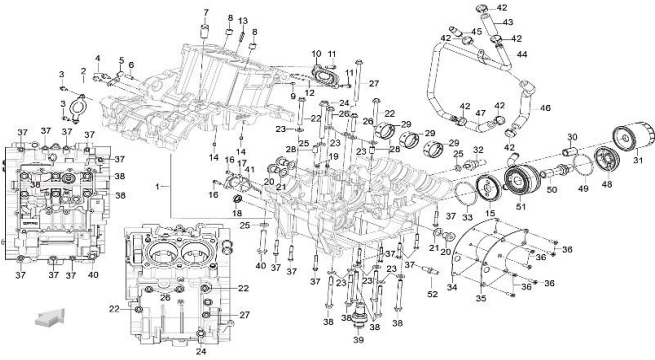
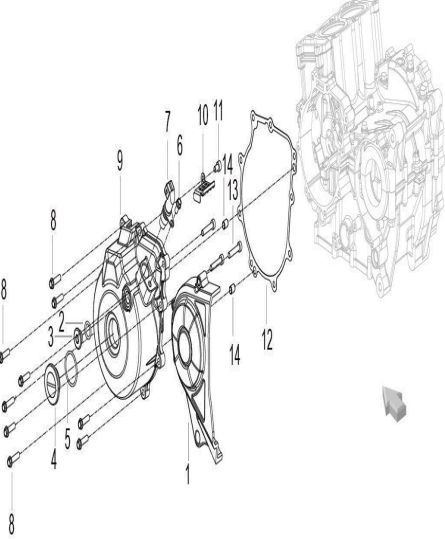
PIRELLI

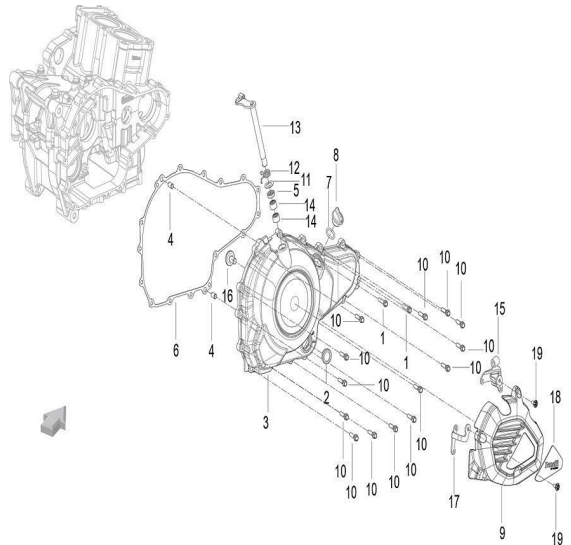
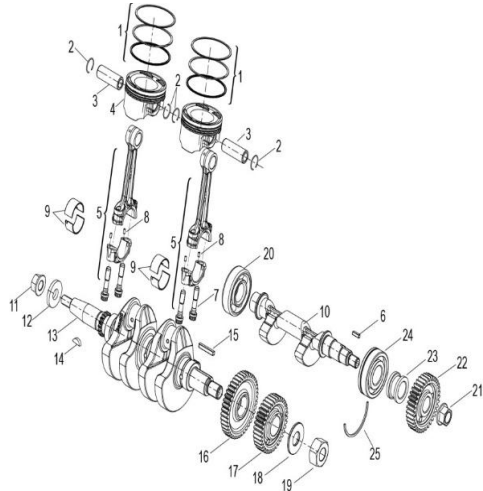
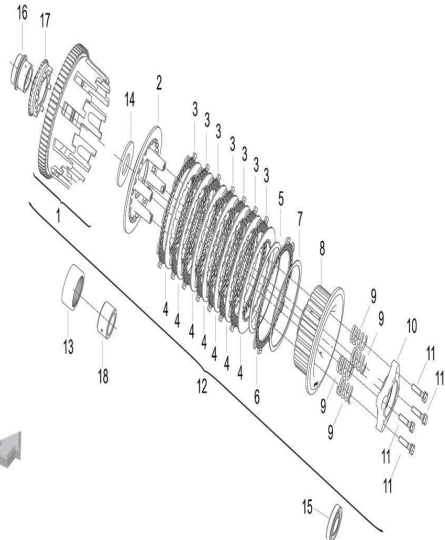
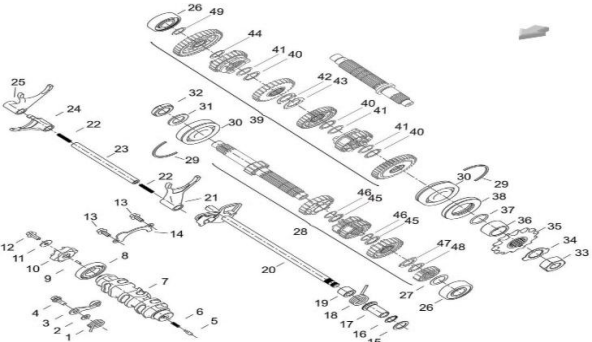
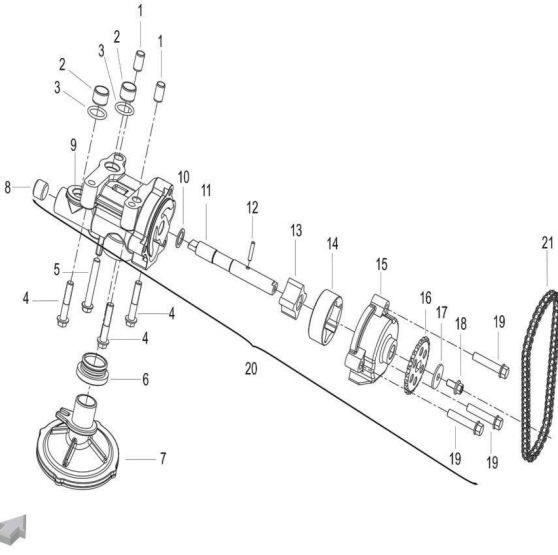
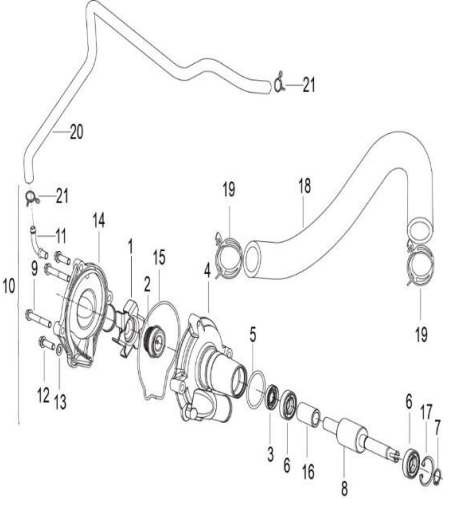
LLANTAS

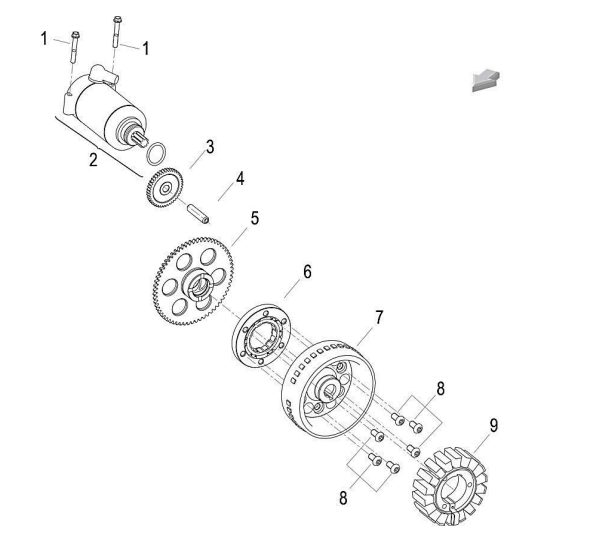
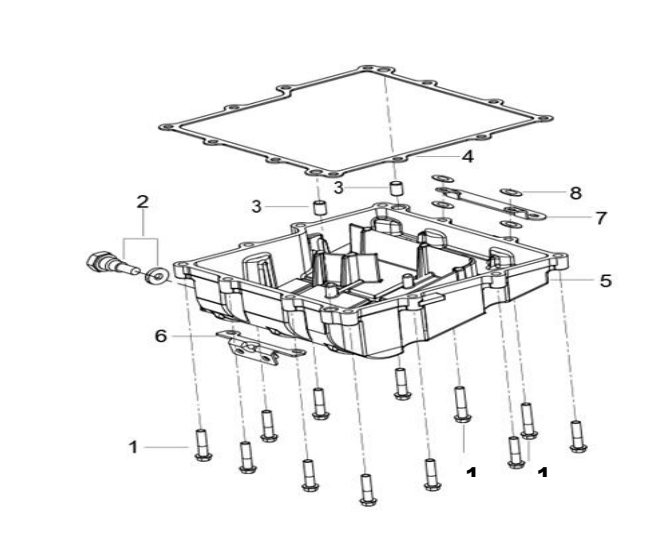
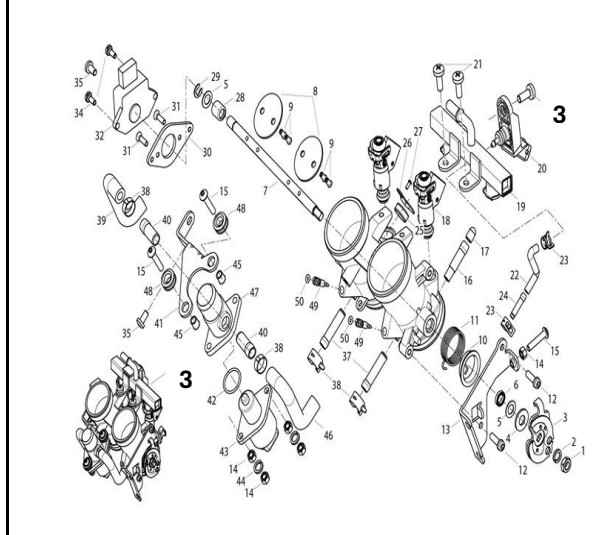
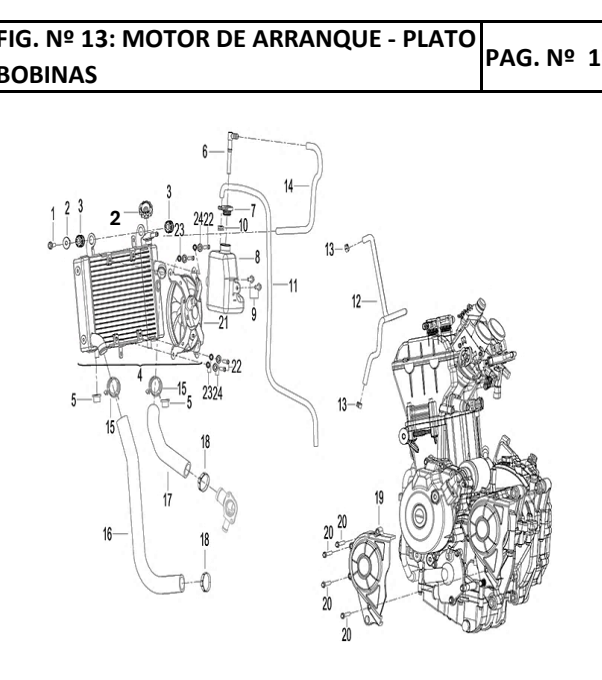
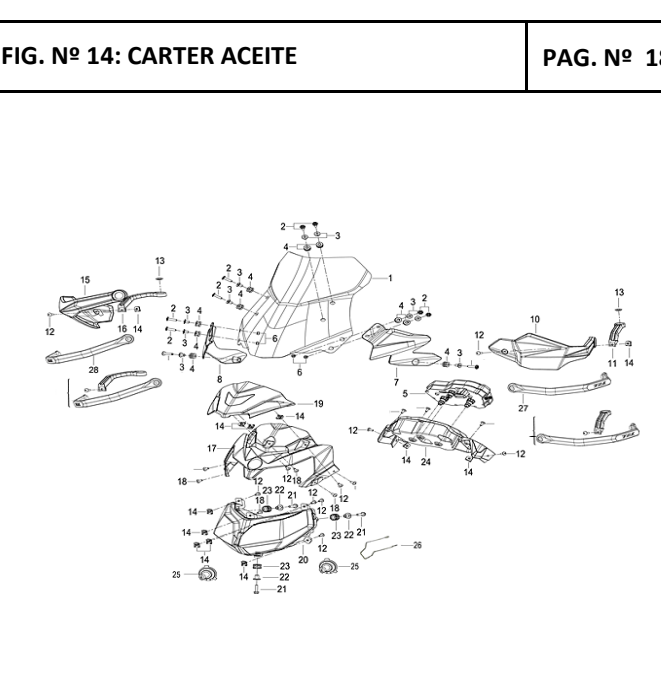
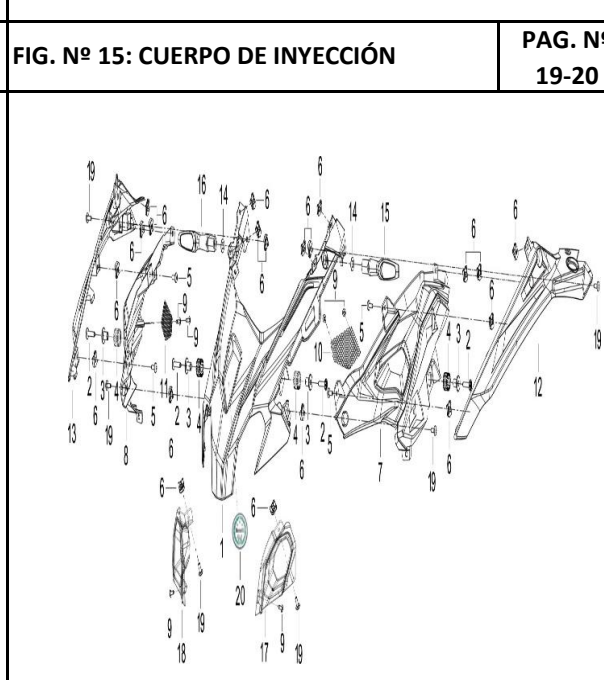
INDICE

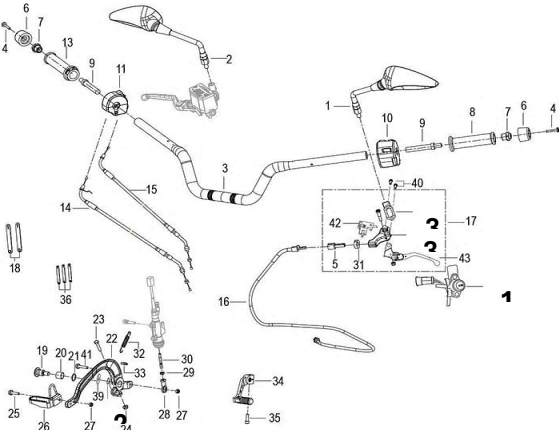
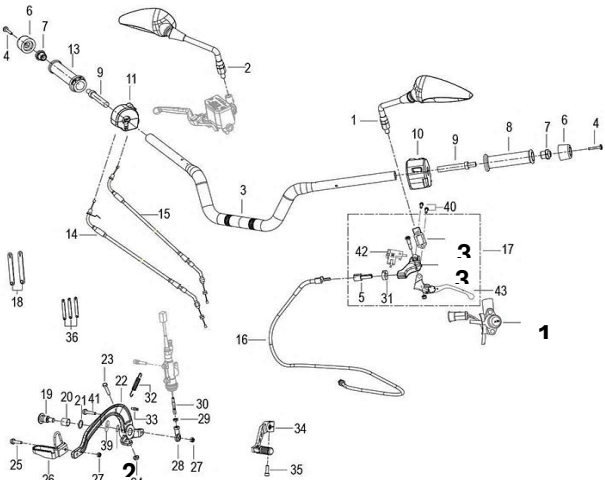
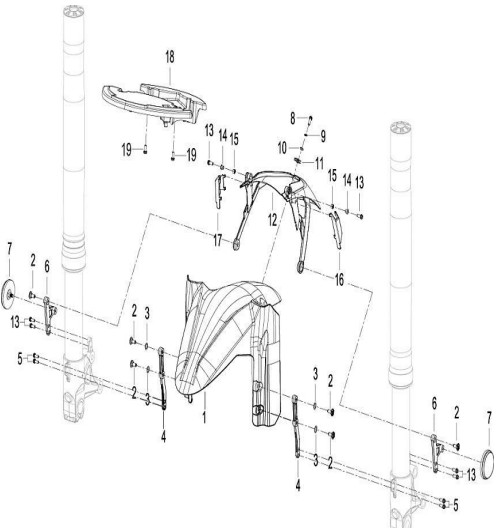
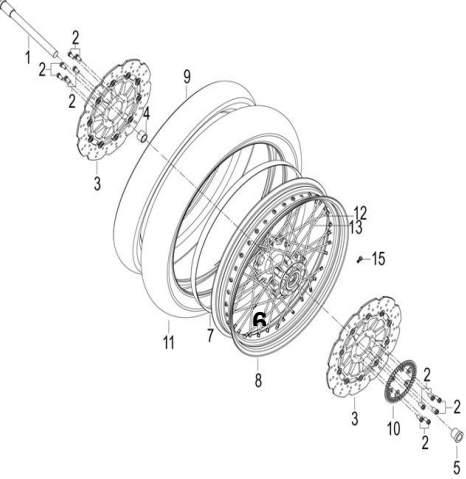
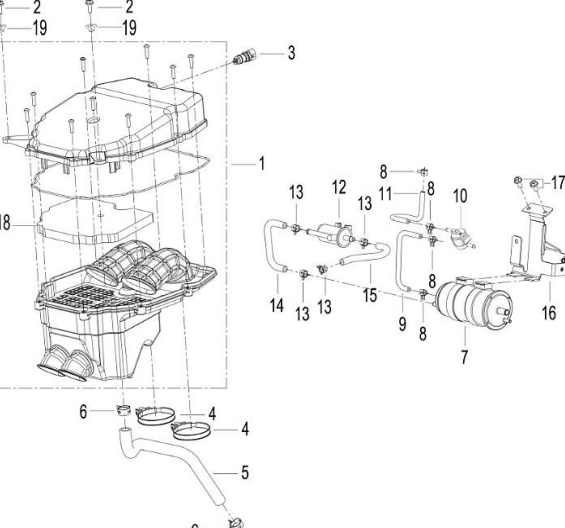
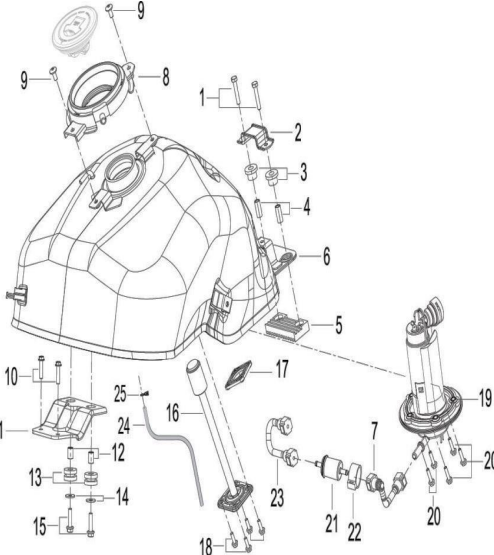
FIG. Nº	DESCRIPCIÓN	PAG. Nº
FIG. Nº 1	TAPA CULATA	1
FIG. Nº 2	CULATA	(2-3)
FIG. Nº 3	EJE DE LEVAS - VÁLVULAS (1/2)	(4-5)
FIG. Nº 4	TENSOR - CADENILLA DISTRIBUCION	6
FIG. Nº 5	CARCASAS MOTOR	(7-8)
FIG. Nº 6	CUBIERTA VOLANTE	9
FIG. Nº 7	CUBIERTA CLUTCH	10
FIG. Nº 8	CIGÜEÑAL - PISTON - BALANCEADOR	11
FIG. Nº 9	CLUTCH	12
FIG. Nº 10	TRANSMISIÓN	(13-14)
FIG. Nº 11	BOMBA ACEITE	15
FIG. Nº 12	BOMBA DE AGUA	16
FIG. Nº 13	MOTOR DE ARRANQUE - PLATO BOBINAS	17
FIG. Nº 14	CARTER ACEITE	18
FIG. Nº 15	CUERPO DE INYECCIÓN	(19-20)
FIG. Nº 16	RADIADOR	21
FIG. Nº 17	CARENAJE FAROLA - VELOCIMETRO	(22-23)
FIG. Nº 18	CUBIERTAS FRONTALES - DIRECCIONALES DELANTERAS	(24-25)
FIG. Nº 19	MANUBRIO - ESPEJOS - COMANDOS	(26-27)
FIG. Nº 20	SUSPENSIÓN DELANTERA	(28-29)
FIG. Nº 21	GUARDABARRO DELANTERO	30
FIG. Nº 22	RUEDA DELANTERA	31
FIG. Nº 23	CAJA FILTRO DE AIRE - CANISTER	32
FIG. Nº 24	TANQUE GASOLINA - CANISTER	33
FIG. Nº 25	FRENO DELANTERO - FRENO TRASERO	(34-35)
FIG. Nº 26	COMPLEMENTOS CHASIS # 1	(36-37)
FIG. Nº 27	COMPLEMENTOS CHASIS # 2	38
FIG. Nº 28	REPOSAPIES	39
FIG. Nº 29	GATO CENTRAL - GATO LATERAL	(40-41)
FIG. Nº 30	CUBIERTAS RADIADOR	42
FIG. Nº 31	CUBIERTAS TANQUE GASOLINA	43
FIG. Nº 32	SILENCIADOR	44

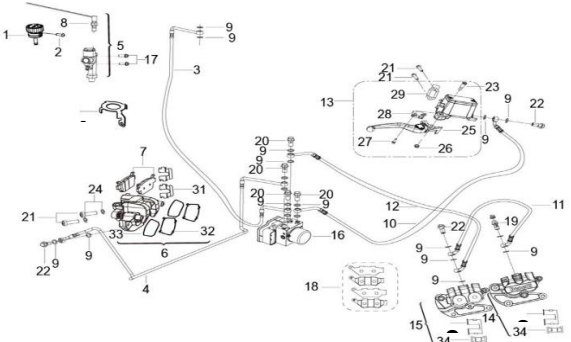
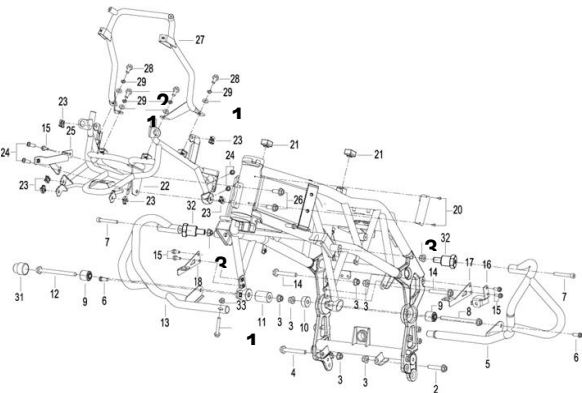
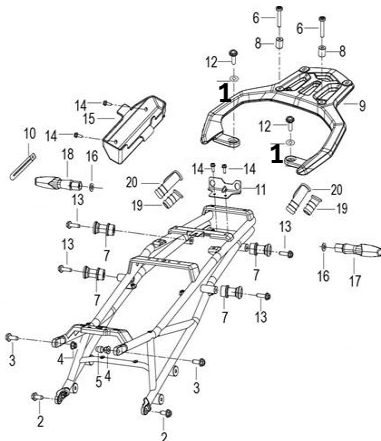
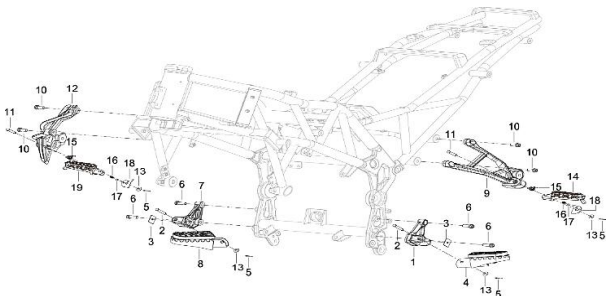
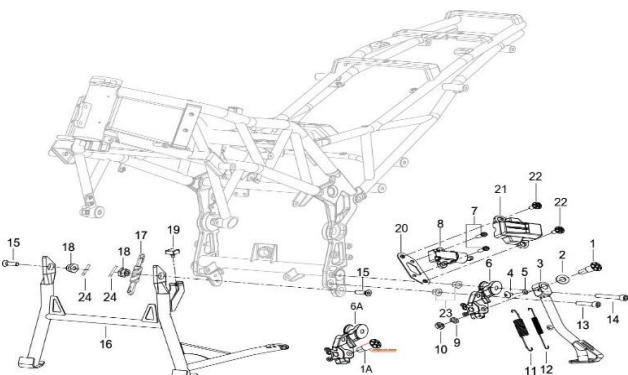
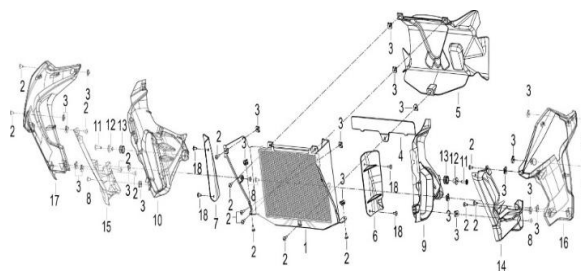
FIG. Nº	DESCRIPCIÓN	PAG. Nº
FIG. Nº 33	SUSPENSIÓN TRASERA - GUARDACADENA	(45-46)
FIG. Nº 34	RUEDA TRASERA	(47-48)
FIG. Nº 35	TAPA LATERAL - SILLIN - CUBIERTAS SILLIN	(49-50)
FIG. Nº 36	EQUIPO ELECTRICO	(51-52)
FIG. Nº 37	GUARDABARRO TRASERO	53
FIG. Nº 38	CALCOMANIAS Y ACCESORIOS (1/2)	54
FIG. Nº 39	CALCOMANIAS Y ACCESORIOS (2/2)	55

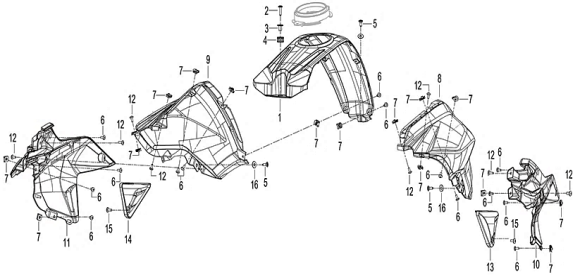
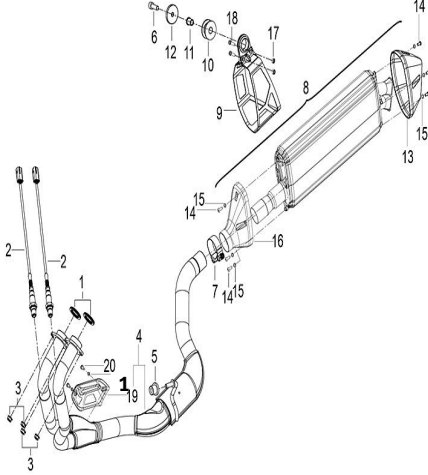
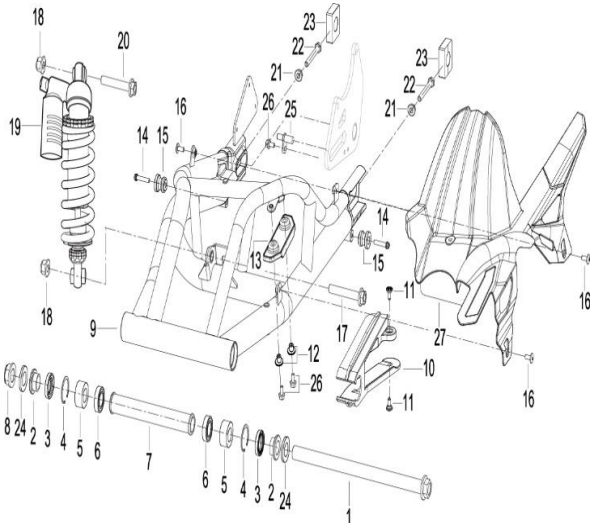
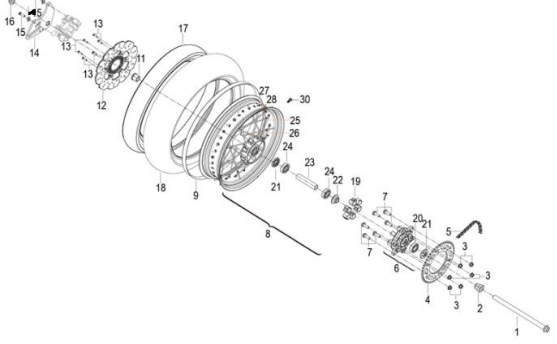
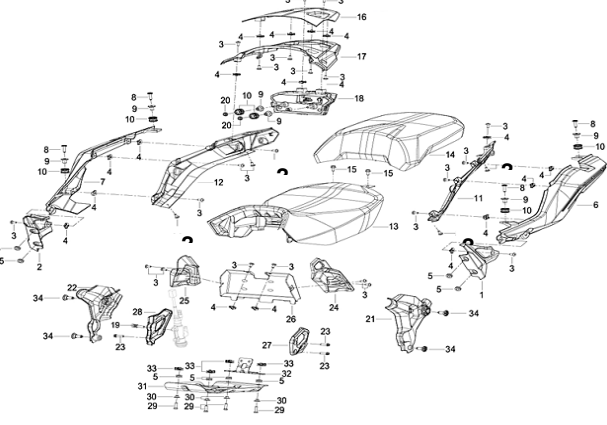
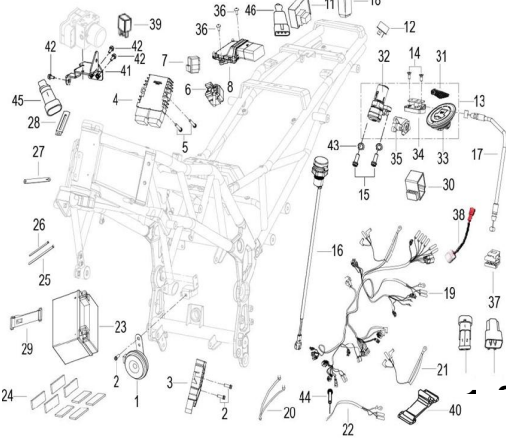
		
FIG. Nº 1 TAPA CULATA	PAG. Nº 1	PAG. Nº 2-3
		
FIG. Nº 4: TENSOR - CADENILLA DISTRIBUCION	PAG. Nº 6	PAG. Nº 7-8
FIG. Nº 5: CARCASAS MOTOR	PAG. Nº 9	FIG. Nº 6: CUBIERTA VOLANTE

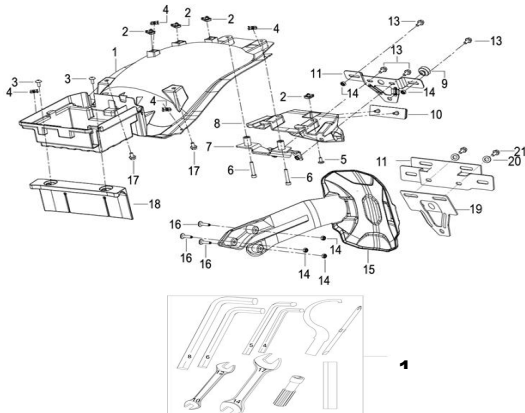
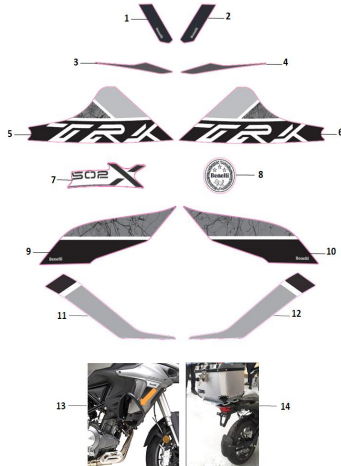
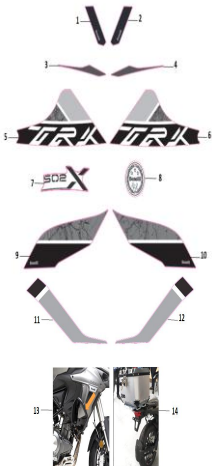
					
FIG. Nº 7: CUBIERTA CLUTCH	PAG. Nº 10	FIG. Nº 8: CIGÜEÑAL - PISTON - BALANCEADOR	PAG. Nº 11	FIG. Nº 9: CLUTCH	PAG. Nº 12
					
FIG. Nº 10: TRANSMISIÓN	PAG. Nº 13-14	FIG. Nº 11: BOMBA ACEITE	PAG. Nº 15	FIG. Nº 12: BOMBA DE AGUA	PAG. Nº 16

					
FIG. Nº 13: MOTOR DE ARRANQUE - PLATO BOBINAS	PAG. Nº 17	FIG. Nº 14: CARTER ACEITE	PAG. Nº 18	FIG. Nº 15: CUERPO DE INYECCIÓN	PAG. Nº 19-20
					
FIG. Nº 16: RADIADOR	PAG. Nº 21	FIG. Nº 17: FAROLA - CARENAJE FAROLA - VELOCIMETRO	PAG. Nº 22-23	FIG. Nº 18: CUBIERTAS FRONTALES - DIRECCIONALES DELANTERAS	PAG. Nº 24-25

	PAG. Nº 26-27		PAG. Nº 28-29		PAG. Nº 30
	PAG. Nº 31		PAG. Nº 32		PAG. Nº 33
FIG. Nº 19: MANUBRIO - ESPEJOS - COMANDOS		FIG. Nº 20: SUSPENSIÓN DELANTERA		FIG. Nº 21: GUARDBARRO DELANTERO	
FIG. Nº 22: RUEDA DELANTERA		FIG. Nº 23: CAJA FILTRO DE AIRE - CANISTER		FIG. Nº 24: TANQUE GASOLINA - CANISTER	

								
FIG. Nº 25: FRENO DELANTERO - FRENO TRASERO		PAG. Nº 34-35	FIG. Nº 26: COMPLEMENTOS CHASIS # 1		PAG. Nº 36-37	FIG. Nº 27: COMPLEMENTOS CHASIS # 2		PAG. Nº 38
								
FIG. Nº 28: REPOSAPIES		PAG. Nº 39	FIG. Nº 29: GATO CENTRAL - GATO LATERAL		PAG. Nº 40-41	FIG. Nº 30: CUBIERTAS RADIADOR		PAG. Nº 42

					
FIG. Nº 31: CUBIERTAS TANQUE GASOLINA		PAG. Nº 43	FIG. Nº 32: SILENCIADOR	PAG. Nº 44	FIG. Nº 33: SUSPENSIÓN TRASERA - GUARDACADENA
					
FIG. Nº 34: RUEDA TRASERA		PAG. Nº 47-48	FIG. Nº 35 FIGURA Nº 35: TAPA LATERAL - SILLIN - CUBIERTAS SILLIN	PAG. Nº 49-50	FIG. Nº 36: EQUIPO ELECTRICO
					AG. Nº 51-52

						
FIG. Nº 37: GUARDABARRO TRASERO		PAG. Nº 53	FIG. Nº 38: CALCOMANIAS Y ACCESORIOS (1/2)	PAG. Nº 54	FIG. Nº 38: CALCOMANIAS Y ACCESORIOS (2/2)	PAG. Nº 55

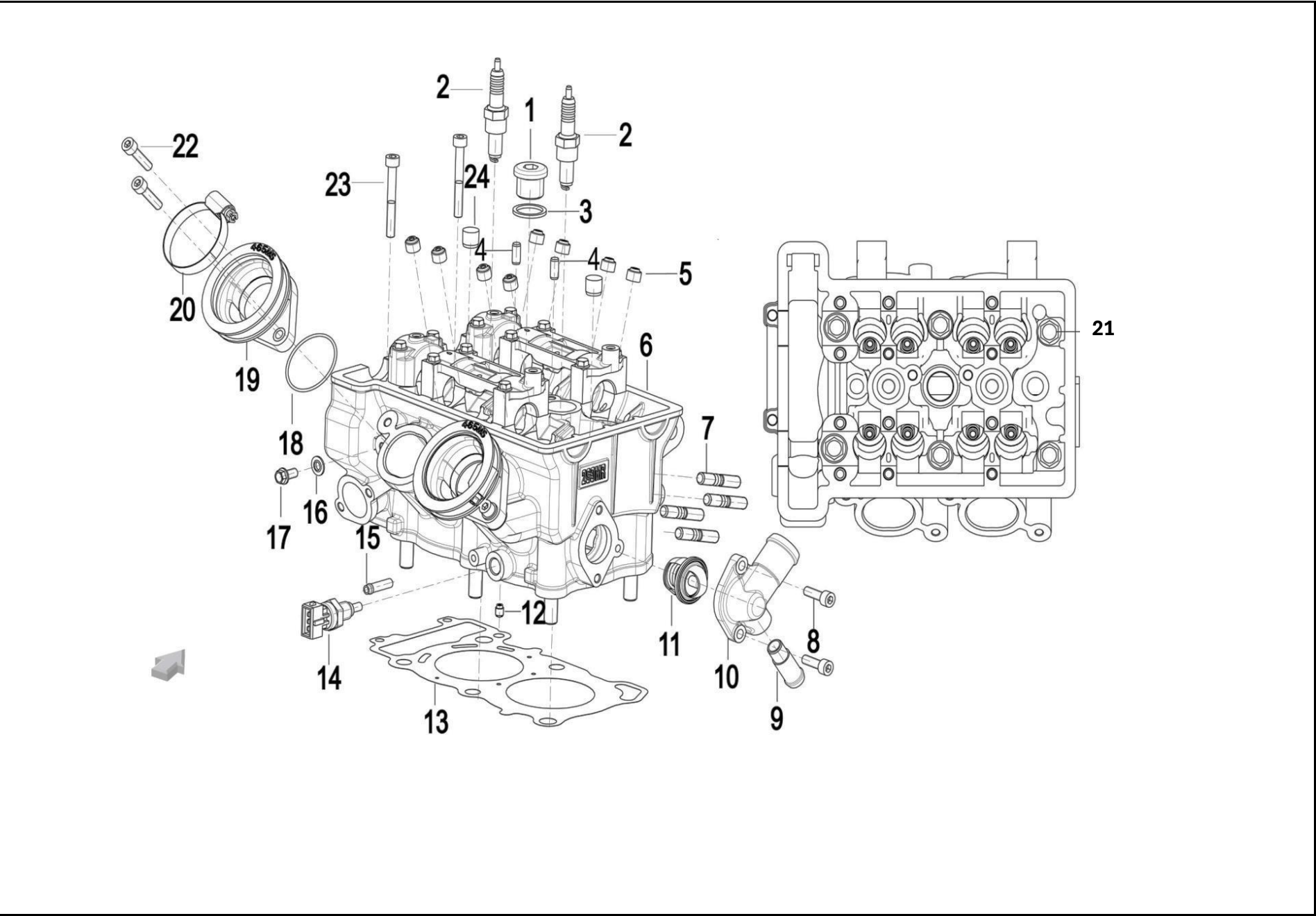
This diagram illustrates the exploded view of the engine valve cover assembly. The components are numbered as follows:

- 1: Valve cover gasket
- 2: Valve cover cap
- 3: Valve cover cap gasket
- 4: Valve cover cap bolt
- 5: Valve cover cap nut
- 6: Valve cover cap seal
- 7: Valve cover cap seal
- 8: Valve cover cap seal
- 9: Valve cover
- 10: Valve cover base

The diagram shows the assembly sequence from the base (10) up to the cap (2) and its associated seals and fasteners (3-8). A separate view of the engine block is shown at the bottom left.

1

FIGURA N° 2: CULATA



3

[illegible]

FIGURA N° 3: EJE DE LEVAS - VÁLVULAS (1/2)

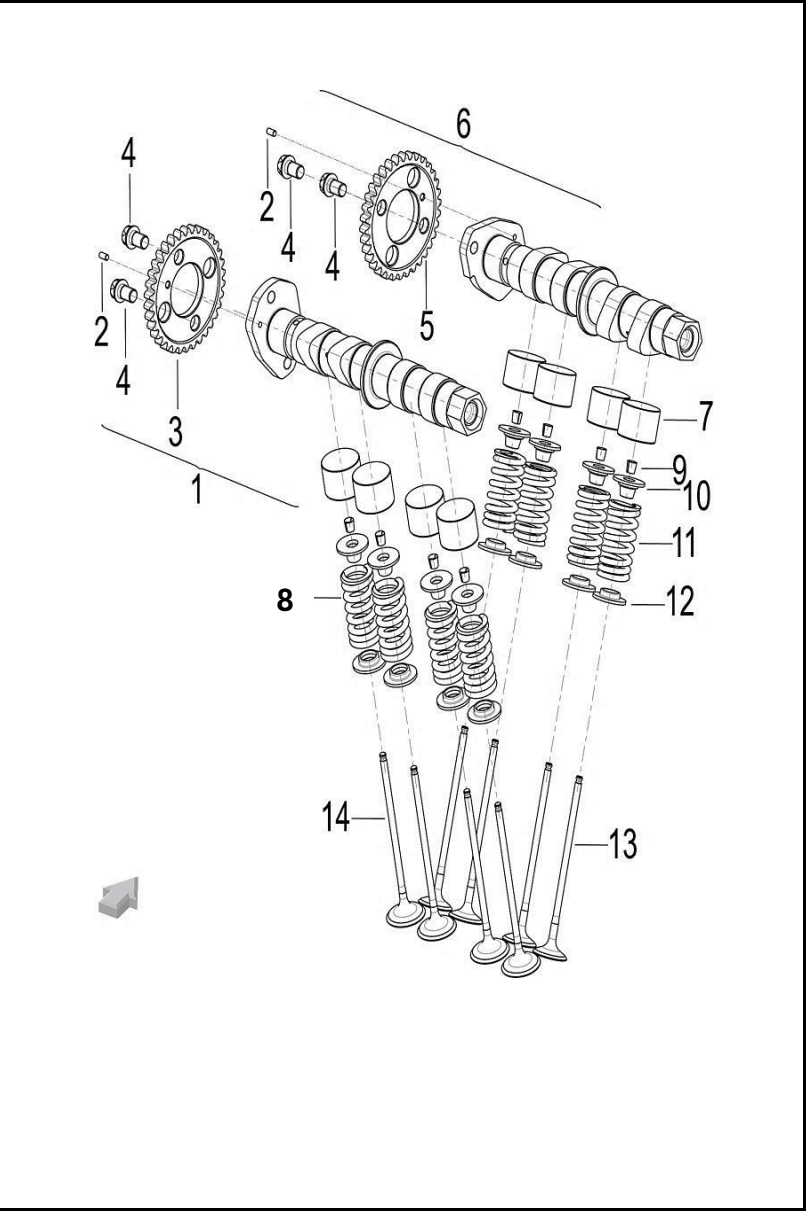


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	129106280030	Eje Levas Admisión	1	11085726
2	B090103006A4	Pin 3x6	2	11086383
3	129036220001	Piñón Eje Levas Admisión	1	11085724
4	120156030000	Tornillo	4	11085701
5	129036220000	Piñón Eje Levas Escape	1	11085723
6	129096280030	Eje Levas Escape	1	11085725
7	120506030430	Tapa Válvula # 430	8	11085706
	120506030432	Tapa Válvula # 432	8	11085707
	120506030434	Tapa Válvula # 434	8	11085708
	120506030436	Tapa Válvula # 436	8	11085709
7	120506030438	Tapa Válvula # 438	8	11085710
	120506030440	Tapa Válvula # 440	8	11085711
	120506030442	Tapa Válvula # 442	8	11085712
	120506030444	Tapa Válvula # 444	8	11085713
	120506030446	Tapa Válvula # 446	8	11085714
7	120506030448	Tapa Válvula # 448	8	11085715
	120506030450	Tapa Válvula # 450	8	11085716
	120506030452	Tapa Válvula # 452	8	11085717
	120506030454	Tapa Válvula # 454	8	11085718
	120506030456	Tapa Válvula # 456	8	11085719
7	120506030458	Tapa Válvula # 458	8	11085720
	120506030460	Tapa Válvula # 460	8	11085721
8	120176220000	Resorte Interno Válvula	4	11085704
9	120086030000	Cuña Válvula	16	11085669
10	129336220000	Arandela Superior Resorte Válvula	8	11085730

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

- Part 1** is the main cylindrical body.
- Part 3** (a gear) is mounted on the left side of **Part 1**.
- Part 5** (a gear) is mounted on the right side of **Part 1**.
- Part 6** (a long shaft) is inserted into the right side of **Part 1**.
- Part 2** (a small pin) is inserted into the top of **Part 1**.
- Part 4** (a small pin) is inserted into the top of **Part 1**.
- Part 7** (a small pin) is inserted into the top of **Part 1**.
- Part 8** (a spring) is inserted into the top of **Part 1**.
- Part 9** (a small pin) is inserted into the top of **Part 1**.
- Part 10** (a small pin) is inserted into the top of **Part 1**.
- Part 11** (a spring) is inserted into the top of **Part 1**.
- Part 12** (a small pin) is inserted into the top of **Part 1**.
- Part 13** (a long shaft) is inserted into the bottom of **Part 1**.
- Part 14** (a small pin) is inserted into the bottom of **Part 1**.

5

This diagram shows an exploded view of a mechanical assembly. The components are labeled with numbers 1 through 7:

- 1**: A central cylindrical component, possibly a valve or actuator, with a flange and a central shaft.
- 2**: Two small cylindrical pins or bolts, one positioned above and one below the central component (1).
- 3**: A circular flange or gasket that fits around the base of the central component (1).
- 4**: A long, curved, U-shaped metal bracket or arm.
- 5**: A long, straight metal rod or lever with a hook-like end and a pin at the other.
- 6**: A small, flat, rectangular plate with three circular holes.
- 7**: A large, complex metal frame or housing that serves as the main structure for the assembly.

6

FIGURA N° 5: CARCASAS MOTOR

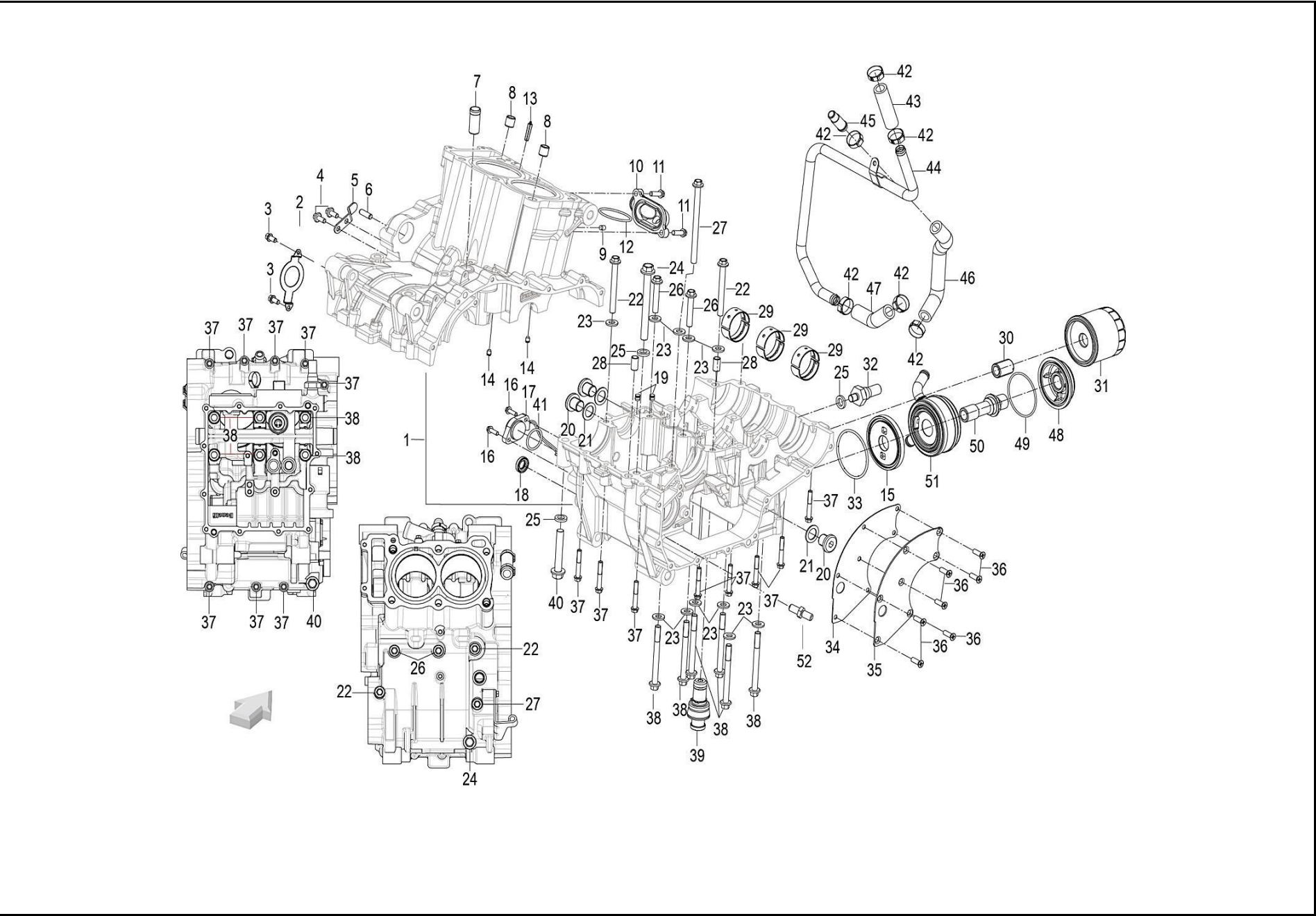


FIGURA N° 5: CARCASAS MOTOR

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	15005628NB01	Juego Carcasas Motor	1	21000229
2	150346030030	Platina de Ajuste	1	11085777
3	B0107060126H	Tornillo 6x12	2	11085502
4	B0107060146H	Tornillo 6x14	2	11086310
5	150136220000	Platina de Ajuste	1	11085753
6	150156220000	Pin Guía	1	11085758
7	150146220000	Conducto Carcasa	1	11085755
8	170236090000	Pin Guía 10.5x13x13	2	11085812
9	150103070000	Tapon Carcasa	1	11085748
10	15016628NB01	Conducto Carcasa	1	21000233
11	270156030010	Tornillo 6x20	2	11085929
12	150066030000	Anillo Retenedor 46x2.4	1	11085744
13	150116220000	Caucho Carcasa	1	11085750
14	120166030100	Inyector de Aceite	2	11085702
15	150126280000	Acople Enfriador Aceite	1	11085751
16	150316030180	Tornillo	2	11085775
17	150196030020	Sensor de Cambios	1	11085764
18	150025040000	Reten	1	11085738
19	150076280000	Tapon Carcasa	2	11085745
20	150086030100	Tornillo Tapon M13	3	11085746
21	150086220000	Arandela 16 mm.	3	11085747
22	150316030110	Tornillo 8x75	2	11085769
23	150156030000	Arandela 8 mm.	11	11085757
24	150316030120	Tornillo 10x100	1	11085770
25	240056090000	Arandela de Sellado 11x18x3	3	11085895
26	150316030140	Tornillo 8x45	2	11085772

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
27	150316030130	Tornillo 8x115	1	11085771
28	150056030000	Pin Guía	2	11085742
29	150026280030	Casquete Carcasa Rojo	6	11085739
30	160106110000	Conector Filtro Aceite	1	11085790
31	260146090010	Filtro de Aceite	1	11085907
32	240026090000	Swiche Presión de Aceite	1	11085894
33	270056030010	Anillo Retenedor	1	11085924
34	150036220000	Empaque Diafragma Válvula de Respiración	1	11085740
35	150046220000	Diafragma Válvula de Respiración	1	11085741
36	B0201060162H	Tornillo 6x16	7	11086330
37	150316030150	Tornillo 6x40	8	11085773
38	B01070808591	Tornillo 8x85	6	11086314
39	260126030010	Válvula de Reducción	1	11085906
40	150316030160	Tornillo 10x60	1	11085774
41	B19010258080	Anillo Retenedor	1	11086406
42	150226280000	Abrazadera	6	11085768
43	150186280000	Manguera	1	11085763
44	150216280000	Conducto	1	11085767
45	150176280000	Conducto	1	11085762
46	150206280000	Manguera	1	11085766
47	150196280000	Manguera	1	11085765
48	150156280010	Tapa Enfriador Aceite	1	21000230
49	120055050000	Anillo Retenedor	1	11085668
50	150146280000	Eje Enfriador Aceite	1	11085756
51	150136280000	Enfriador Aceite	1	11085754
52	150116030100	Eje Ajuste Posición	1	11085749

This diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The exploded view shows the following parts:

- 1**: Main housing or base plate.
- 2**: Small circular gasket or seal.
- 3**: Small circular gasket or seal.
- 4**: Small circular gasket or seal.
- 5**: Small circular gasket or seal.
- 6**: Small circular gasket or seal.
- 7**: Small circular gasket or seal.
- 8**: Multiple screws or bolts used for fastening.
- 9**: Central rotating component or impeller.
- 10**: Small rectangular component, possibly a bracket or spacer.
- 11**: Small rectangular component, possibly a bracket or spacer.
- 12**: Large circular cover or flange.
- 13**: Small circular gasket or seal.
- 14**: Small rectangular component, possibly a bracket or spacer.

To the right of the exploded view is a 3D perspective rendering of the fully assembled unit, showing the internal components and the external housing.

9

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

- 1:** Screws for the cylinder head cover.
- 2:** Screws for the crankcase.
- 3:** The crankcase.
- 4:** The cylinder head cover.
- 5:** A pin for the timing chain.
- 6:** The timing chain.
- 7:** A pin for the timing chain.
- 8:** A pin for the timing chain.
- 9:** The engine block.
- 10:** Screws for the engine block.
- 11:** A pin for the timing chain.
- 12:** A pin for the timing chain.
- 13:** A pin for the timing chain.
- 14:** A pin for the timing chain.
- 15:** A pin for the timing chain.
- 16:** A pin for the timing chain.
- 17:** A pin for the timing chain.
- 18:** A pin for the timing chain.
- 19:** A pin for the timing chain.

10

FIGURA N° 8: CIGÜEÑAL - PISTON - BALANCEADOR

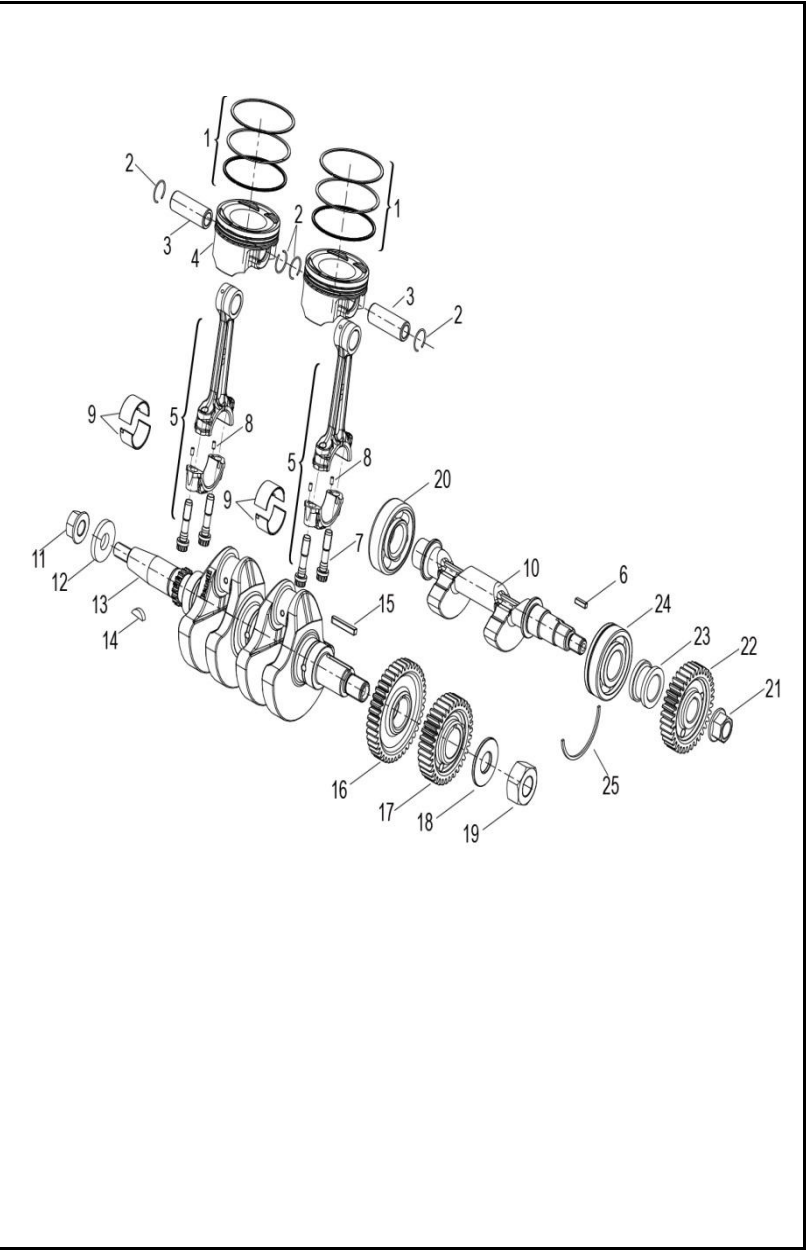


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	170046280000	Anillos STD	2	11085805
2	179155050000	Pin Pasador Pistón	4	11085820
3	179146280010	Pasador Pistón	2	11085819
4	179136280010	Pistón STD (Solo)	2	11085818
5	179036280010	Biela Cigüeñal	2	11085814
6	B11130044014	Cuña Balanceador	1	11086389
7	170036280000	Tornillo Biela Cigüeñal	4	11085803
8	B091403006A1	Pin Biela Cigüeñal	4	11086385
9	179076280000	Casquete Biela Azul	4	11085815
	179076280010	Casquete Biela Verde	4	11085816
	179076280020	Casquete Biela Amarillo	4	11085817
10	179256280010	Balanceador	1	11085822
11	170044320000	Tuerca M14	1	11085804
12	170106030010	Arandela	1	11085809
13	179016280010	Cigüeñal	1	11085813
14	170065050000	Cuña Cigüeñal	1	11085806
15	170096220000	Cuña Cigüeñal	1	11085808
16	170016280010	Piñón Cigüeñal	1	11085800
17	179236220000	Piñón Balanceador	1	11085821
18	170016110000	Arandela	1	11085799
19	170126220000	Tuerca M18	1	11085810
20	B12016030503	Rodamiento Bolas	1	11086391
21	170186220100	Tuerca M14	1	11085811
22	179366220000	Piñón Balanceador	1	11085823
23	170026280000	Buje Balanceador	1	11085801
24	210136030010	Rodamiento Bolas	1	11085855
25	210186030000	Pin de Seguridad	1	11085861

FIGURA N° 10: TRANSMISIÓN

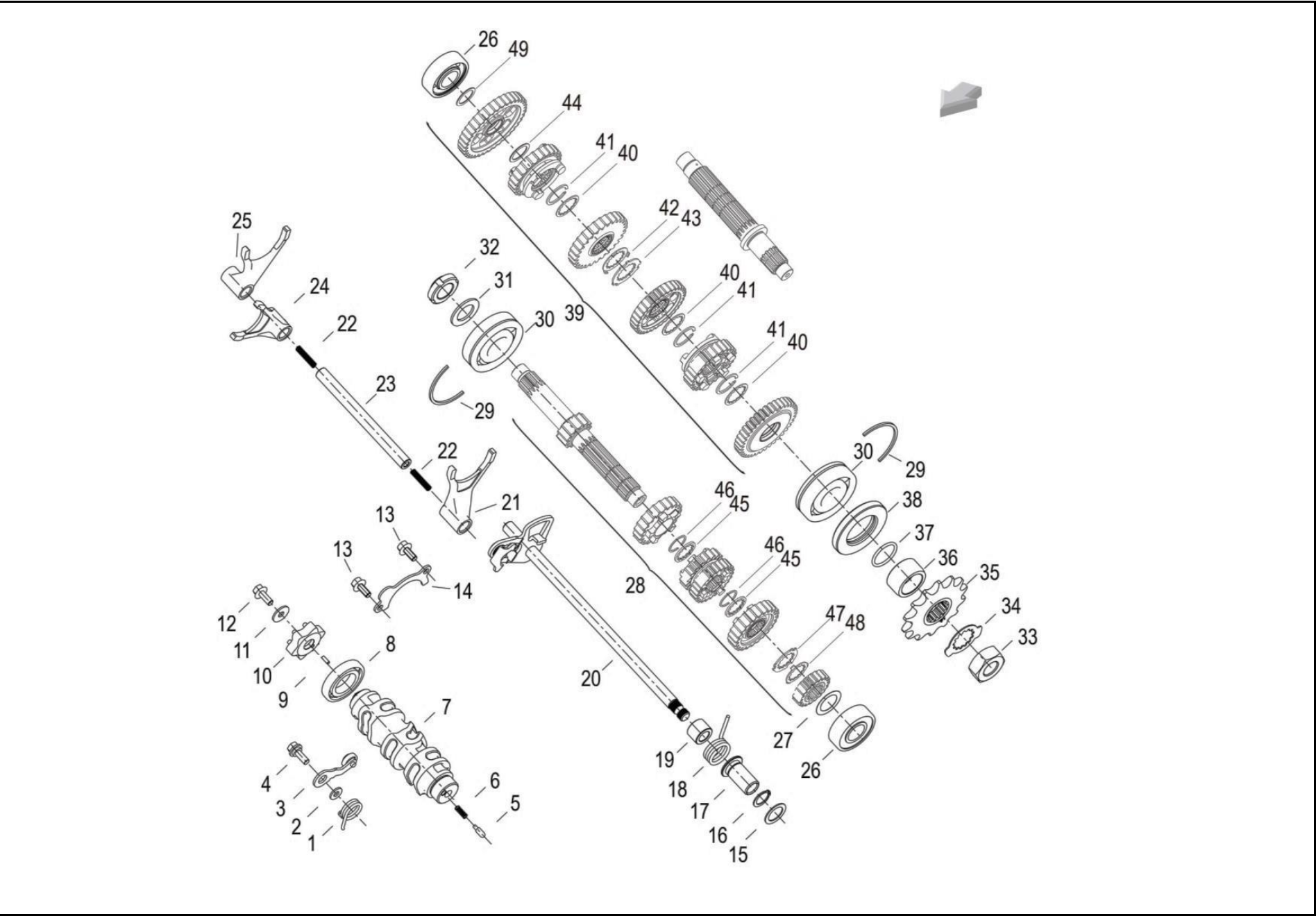


FIGURA N° 10: TRANSMISIÓN

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
2	210343090000	Arandela 6.2x14x1.5	1	11085874
3	219046220000	Leva Eje Selector Cambios	1	11085881
4	210303420000	Tornillo	1	11085870
5	210323090000	Empujador Eje Selector Cambios	1	11085141
6	210313090000	Resorte Eje Selector Cambios	1	11085140
7	219056030000	Eje Selector Cambios	1	11085882
8	B12016600501	Rodamiento Bolas 16005	1	11086394
9	210356030000	Pin Eje Selector Cambios	1	11085142
10	210366030000	Estrella Eje Selector Cambios	1	11085875
11	210376030000	Arandela	1	11085876
12	B0107060156H	Tornillo 6x15	1	11085503
13	B0109060146H	Tornillo 6x14	2	11086315
14	210036030000	Platina Soporte	1	11085848
15	210406030000	Arandela	1	11085878
16	B08010001701	Pin de Seguridad 17 mm.	1	11086378
17	210396030000	Acople Resorte Eje Cambios	1	11085877
18	210056030000	Resorte Eje Cambios	1	11085850
19	210046030000	Buje Eje Cambios	1	11085849
20	219066280010	Eje Cambios	1	11085884
21	219106030000	Horquilla Cambios Izquierda	1	11085887
22	210016030000	Resorte Eje Horquilla Cambios	2	11085847
23	219086030000	Eje Horquilla Cambios	1	11085886
24	219116030000	Horquilla Cambios Central	1	11085888
25	219126030000	Horquilla Cambios Derecha	1	11085889

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
27	210566030010	Arandela	1	11085879
28	219136280000	Eje Clutch Completo	1	11085890
29	210186030000	Pin de Seguridad	2	11085861
30	210136030010	Rodamiento Bolas	2	11085855
31	210156030001	Arandela	1	11085858
32	210166030101	Tuerca	1	11085859
33	210196030000	Tuerca M18	1	11085862
34	210306030000	Platina Piñón Salida	1	11085871
35	219296030000	Piñón de Salida	1	11085892
36	210206030000	Buje	1	11085863
37	210316030000	Anillo Retenedor 25x2.5	1	11085872
38	210216030010	Reten	1	11085864
39	219216030000	Eje Salida	1	11085891
40	210236030000	Arandela	3	11085865
41	210246030000	Pin de Seguridad 28 mm.	3	11085866
42	210276030000	Arandela	1	11085868
43	210266030000	Arandela	1	11085867
44	210326030000	Arandela 22x30x1	1	11085873
45	210096030000	Arandela	2	11085853
46	210106060000	Pin de Seguridad 24 mm.	2	11085854
47	210076030000	Arandela	1	11085852
48	210066030000	Arandela	1	11085851
49	210296030000	Arandela	1	11085869

FIGURA N° 11: BOMBA ACEITE

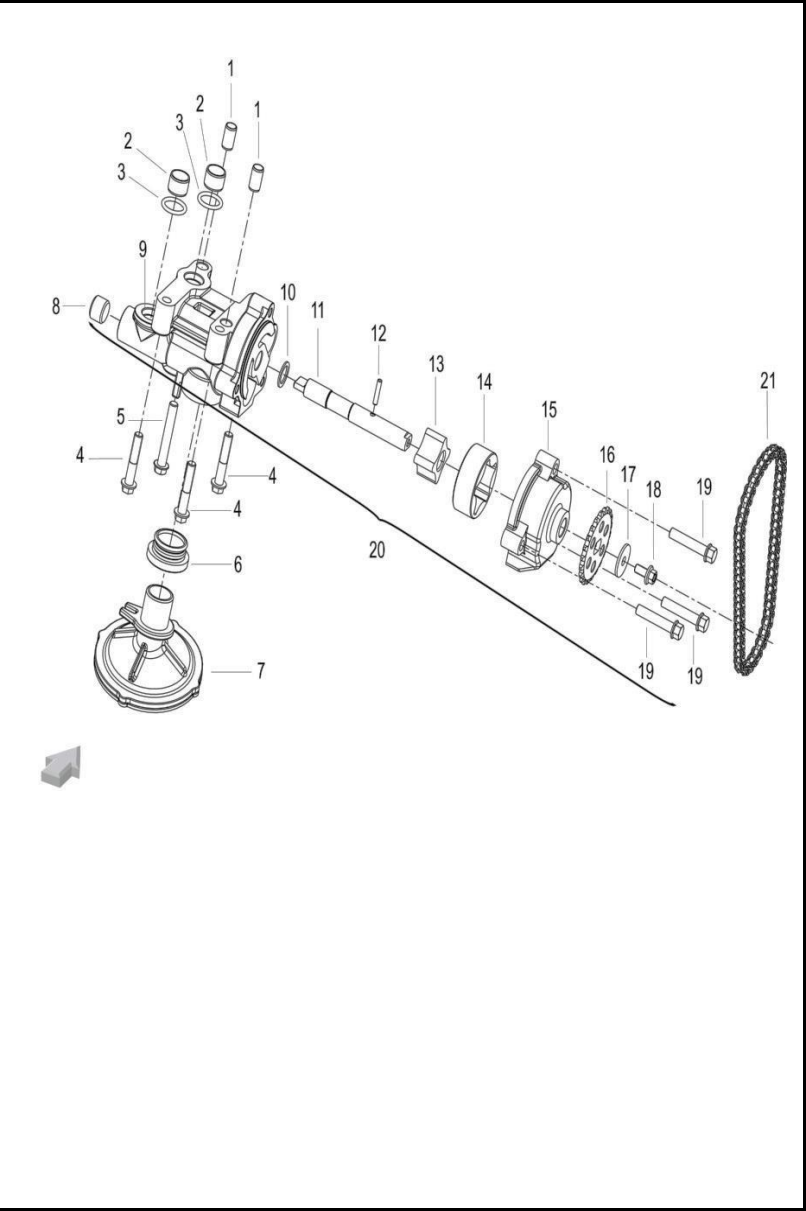


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	160073070000	Pin Guía 6.7x8x14	2	11085784
2	269136280000	Pin Guía	2	11085919
3	160085040000	Anillo Retenedor	2	11085786
4	B0107060326H	Tornillo 6x32	3	11086313
5	B0107060406H	Tornillo 6x40	1	11085508
6	260036030000	Sello Filtro Centrifugo de Aceite	1	11085902
7	269086220000	Filtro Centrifugo de Aceite	1	11085917
8	100066090000	Tapon Cónico 14x1.5x10	1	11085655
9	269026280000	Cuerpo Bomba de Aceite	1	11085911
10	260086030000	Arandela	1	11085904
11	269036280000	Eje Bomba de Aceite	1	11085912
12	B090103016B0	Pin Pasador	1	11086384
13	269046220000	Rotor Interno Bomba de Aceite	1	11085913
14	269056220000	Rotor Externo Bomba de Aceite	1	11085915
15	269016220000	Tapa Bomba de Aceite	1	11085909
16	269066220000	Piñón Bomba de Aceite	1	11085916
17	260106030000	Arandela 5x20x1.5	1	11085905
18	B01070501063	Tornillo 5x10	1	11086309
19	B0107060306H	Tornillo 6x30	3	11086312
20	269016280000	Bomba de Aceite	1	11085910
21	269056030000	Cadenilla Bomba de Aceite	1	11085914

FIGURA N° 12: BOMBA DE AGUA

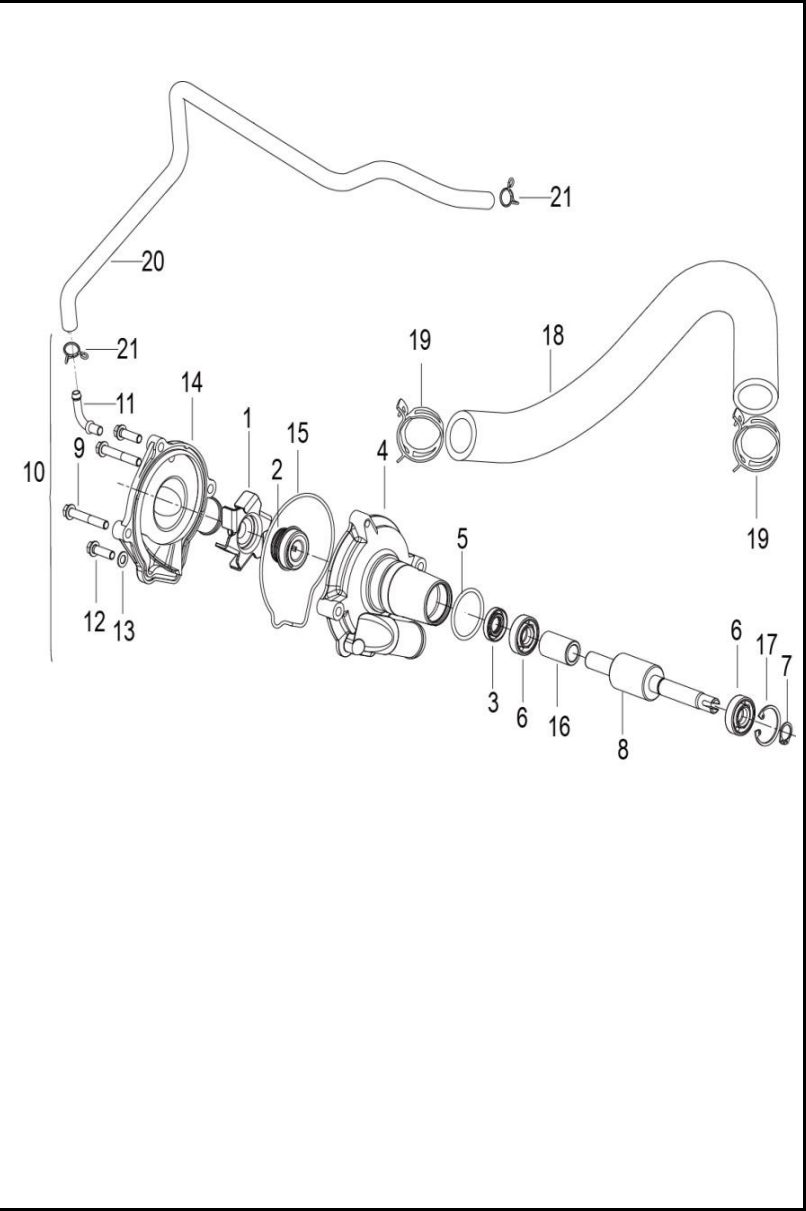


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	279216030000	Turbina Bomba de Agua	1	11085938
2	270216030000	Sello Mecánico	1	11085191
3	270153160000	Reten 12-24-5	1	11085190
4	279316030001	Cuerpo Bomba de Agua	1	21000585
5	B190100335B0	Anillo Retenedor 33.5x2.65	1	11086404
6	B12016000100	Rodamiento Bolas 6001	2	11085589
7	B08010001201	Pin de Seguridad	1	11086377
8	27922603001X	Eje Turbina Bomba de Agua	1	11085939
9	150316030150	Tornillo 6x40	2	11085773
10	27920603NB01	Bomba de Agua	1	21000263
11	270076030000	Conducto Bomba de Agua	1	11085926
12	270156030010	Tornillo 6x20	2	11085929
13	270345050000	Arandela	1	11085932
14	279336030000	Acople Cuerpo Bomba de Agua	1	21000586
15	270066030000	Empaque Cuerpo Bomba de Agua	1	11085925
16	270166030000	Buje Eje Turbina Bomba de Agua	1	11085930
17	B080100028A1	Pin de Seguridad 28 mm.	1	11086379
18	279106280000	Manguera de Entrada	1	11085934
19	06103P160000	Abrazadera 32 mm.	2	11085623
20	279116280000	Manguera de Salida	1	11085935
21	B17010100003	Abrazadera 10 mm.	2	11086403

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

- 1**: Two screws used for mounting.
- 2**: The main housing or pump body.
- 3**: A small circular gasket or seal.
- 4**: A small pin or screw.
- 5**: A large circular plate with multiple holes, possibly a filter or distributor.
- 6**: A circular component with a central hub and outer ring.
- 7**: A larger circular component with a complex internal structure.
- 8**: Two rectangular plates or gaskets.
- 9**: A large, complex circular component with many small holes, possibly a manifold or a large filter.

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

17

FIGURA N° 15: CUERPO DE INYECCIÓN

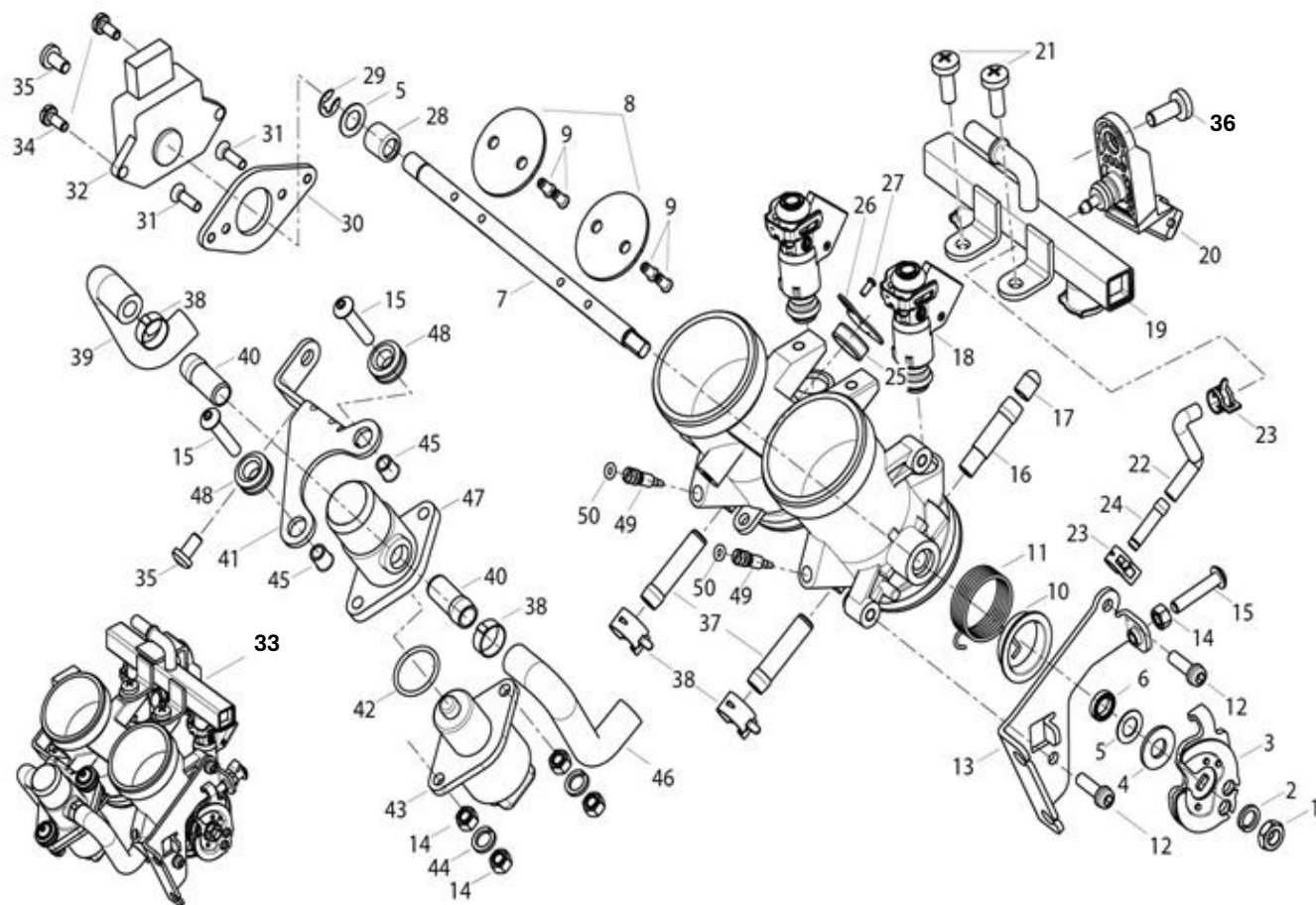


FIGURA N° 15: CUERPO DE INYECCIÓN

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
2	B0700000801	Arandela de Presión	1	11086370
3	280676030000	Platina Ajuste Aceleración	1	11085965
4	280346090000	Arandela	1	11085955
5	280336090000	Arandela	2	11085954
6	280386030000	Reten 8-12-2.5	1	11085956
7	280016220020	Eje Cuerpo de Inyección	1	11085942
8	280076030000	Platina Eje Cuerpo de Inyección	2	11085944
9	280116080000	Tornillo	4	11085945
10	280196030000	Acople Resorte	1	11085950
11	280306030000	Resorte	1	11085952
12	B02000501029	Tornillo 5x10	2	11086323
13	280066220010	Soporte Cuerpo de Inyección	1	11085943
14	B04000500059	Tuerca	5	11086358
15	B02000502529	Tornillo 5x25	3	11086326
16	280506030010	Conducto de Cobre	1	11085963
17	3314302E0000	Tapon Conducto de Cobre	1	11085987
18	289026280000	Inyector Combustible	2	11085976
19	289086280020	Soporte Inyector Combustible	1	11085980
20	289066280000	Sensor Presión de Aire	1	11085977
21	B02040501629	Tornillo	2	11086332
22	289076280000	Manguera	1	11085978
23	49016T030000	Abrazadera 8 mm.	2	11086094
24	3313701K0000	Conducto de Lubricación	1	11085986
25	280686030000	Reten	1	11085966

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
27	B02000300829	Tornillo 3x8	1	11086322
28	280116090000	Rodamiento Agujas	1	11085946
29	280249010000	Pin de Seguridad	1	11085951
30	280116130000	Baquela Sensor Posición Acelerador	1	11085947
31	B02010401225	Tornillo 4x12	2	11086328
32	280756030010	Sensor Posición Acelerador	1	11085968
33	289006280010	Cuerpo de Inyección Completo	1	11085974
34	B1308040102H	Tornillo 4x10	2	11086395
35	B02000501429	Tornillo 5x14	2	11086325
36	270156030010	Tornillo 6x20	1	11085929
37	280716030000	Conducto de Presión	2	11085967
38	06103N140000	Abrazadera 13 mm.	4	11085622
39	280946030000	Manguera	1	11085970
40	280956030000	Conducto de Lubricación	2	11085971
41	280396030000	Platina Soporte	1	11085957
42	140106090000	Anillo Retenedor	1	11085734
43	280476030020	Sensor Control de Marcha	1	11085961
44	B07000000509	Arandela de Presión	2	11086367
45	280976030000	Buje	2	11085973
46	280936030000	Manguera	1	11085969
47	280966030000	Válvula de Aire Marcha Mínima	1	11085972
48	57039S010000	Caucho	2	11086193
49	280406090000	Tornillo Ajuste Mezcla	2	11085958
50	280416090000	Anillo Retenedor	2	11085959

FIGURA N° 16: RADIADOR

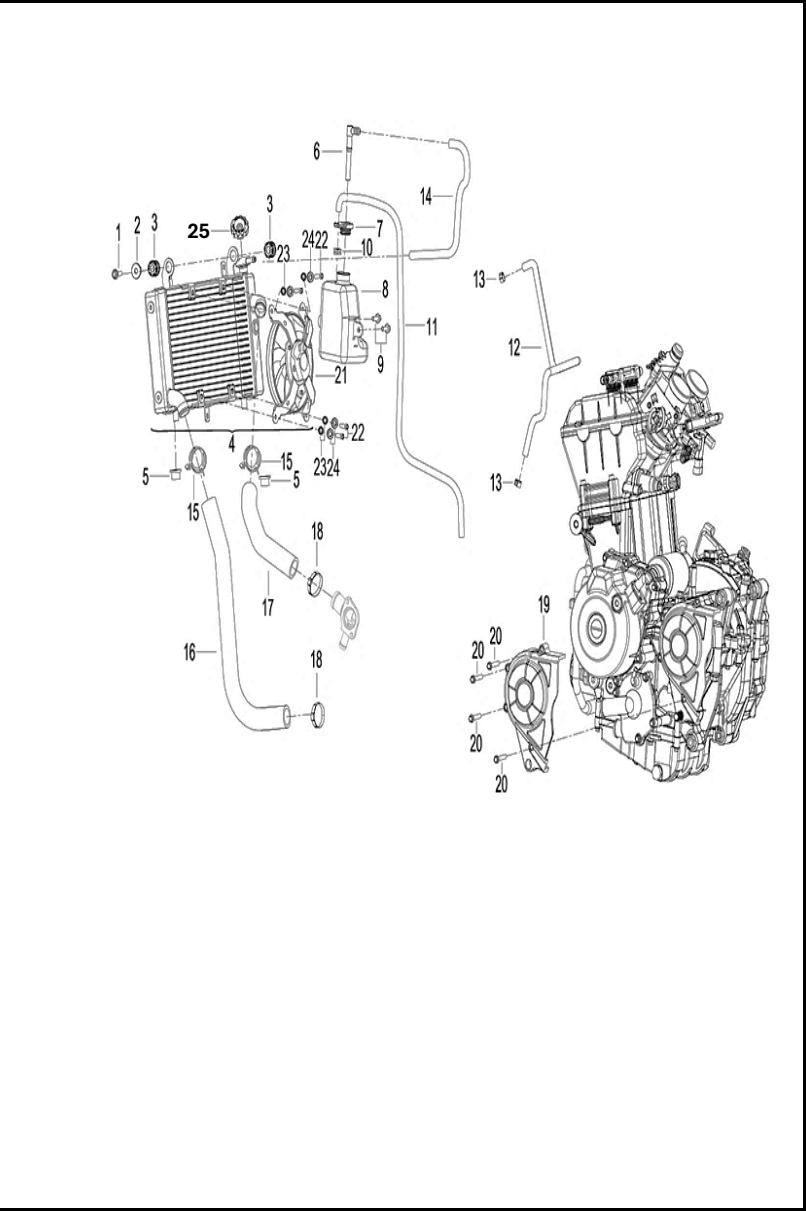


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	B0109060256H	Tornillo 6x25	1	11085519
2	59452P250000	Buje	1	11086229
3	65821S010000	Antivibrante	2	11086267
4	279126280020	Radiador	1	21000253
5	270011170000	Antivibrante	2	21000250
6	14039S040000	Unión	1	11085043
7	14030S040000	Tapa Tanque Liquido Refrigerante	1	11085042
8	06111P250000	Tanque Liquido Refrigerante	1	21000206
9	B0109060126H	Tornillo 6x12	2	11085516
10	43038P250000	Antivibrante	1	11085250
11	06224P250000	Manguera Tanque Liquido Refrigerante	1	11085631
12	06226P250000	Manguera de Drenaje	1	11084961
13	50376S010000	Abrazadera 10 mm.	2	11086133
14	06223P160000	Manguera Tanque Liquido Refrigerante	1	21000208
15	06103P160000	Abrazadera 32 mm.	2	11085623
16	06211P100000	Manguera Entrada Refrigerante Radiador	1	21000207
17	06251P160000	Manguera Salida Refrigerante Radiador	1	21000209
18	49650S010000	Abrazadera	2	11086102
19	16904628NB01	Cubierta Cadena	1	21000243
20	B0107060306H	Tornillo 6x30	4	11086312
21	270786280000	Ventilador Radiador	1	21000253
22	B0101060102H	Tornillo 6x10	4	21000544
23	B0700000060H	Arandela de Presión 6 mm.	4	11085572
24	B0703000060H	Arandela 6 mm.	4	11085575
25	279185050000	Tapa Radiador	1	11085196

FIGURA N° 17: FAROLA - CARENAJE FAROLA - VELOCIMETRO

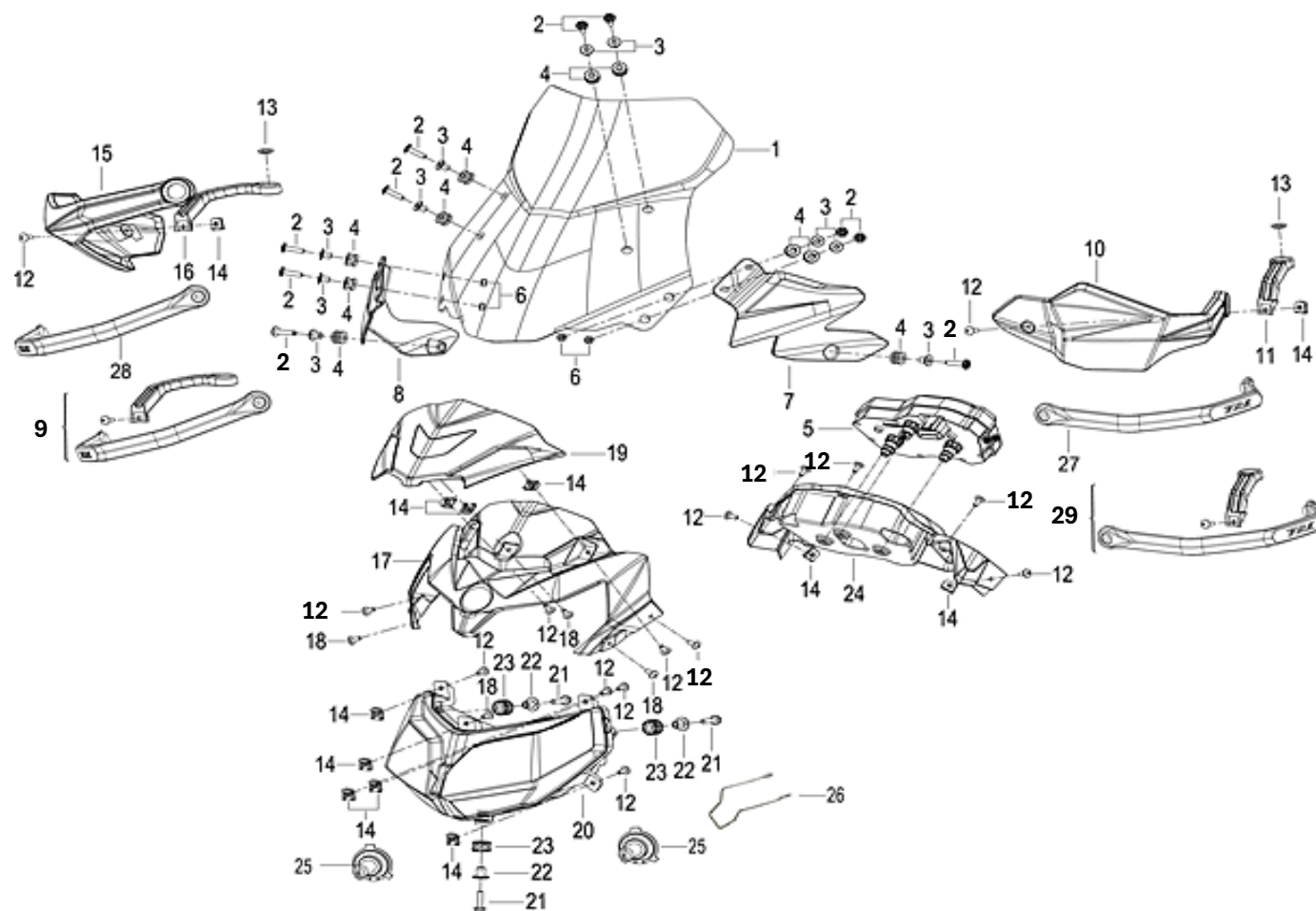


FIGURA N° 17: FAROLA - CARENAGE FAROLA - VELOCIMETRO

[illegible][illegible]

FIGURA N° 18: CUBIERTAS FRONTALES - DIRECCIONALES DELANTERAS

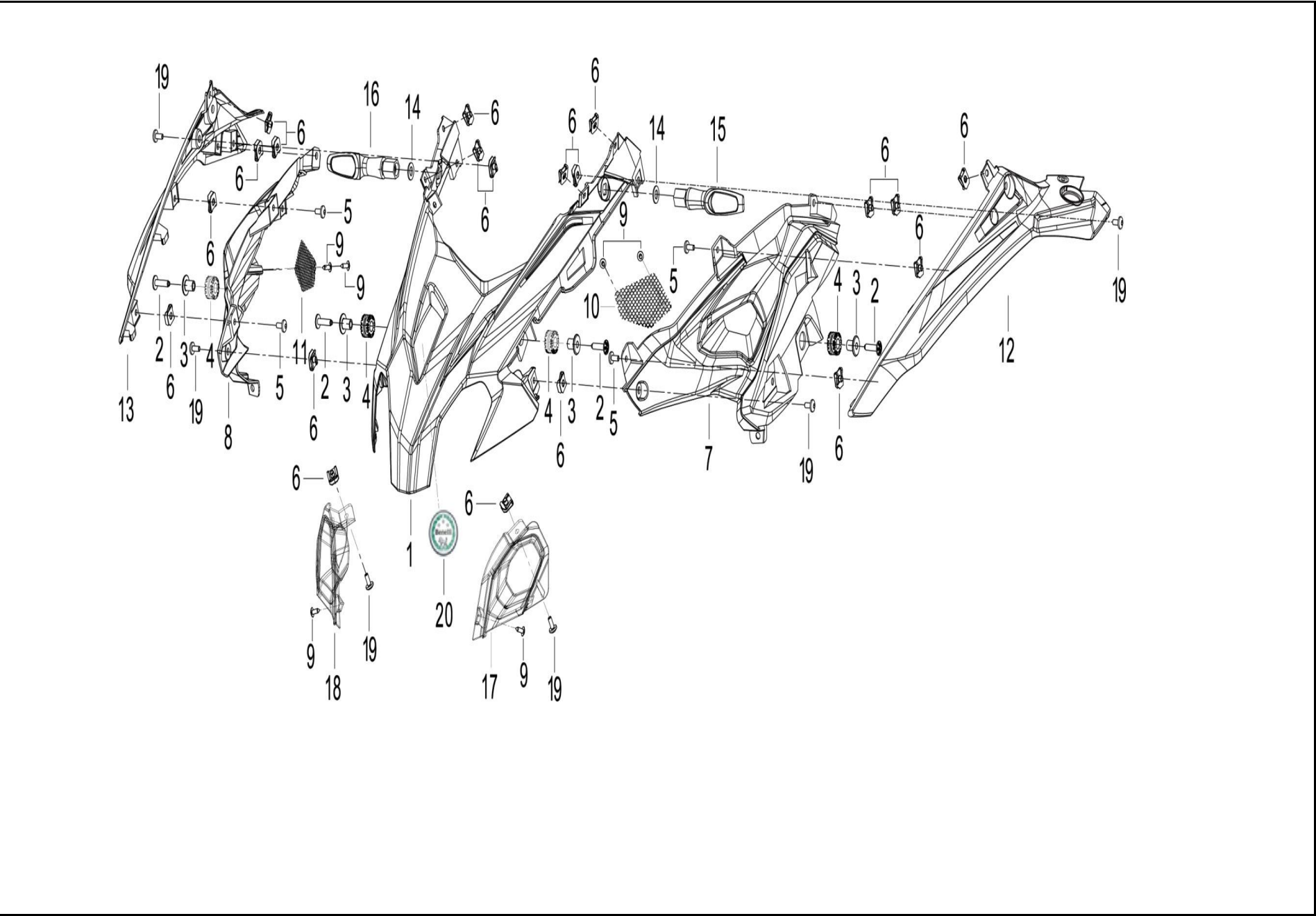


FIGURA N° 19: MANUBRIO - ESPEJOS - COMANDOS

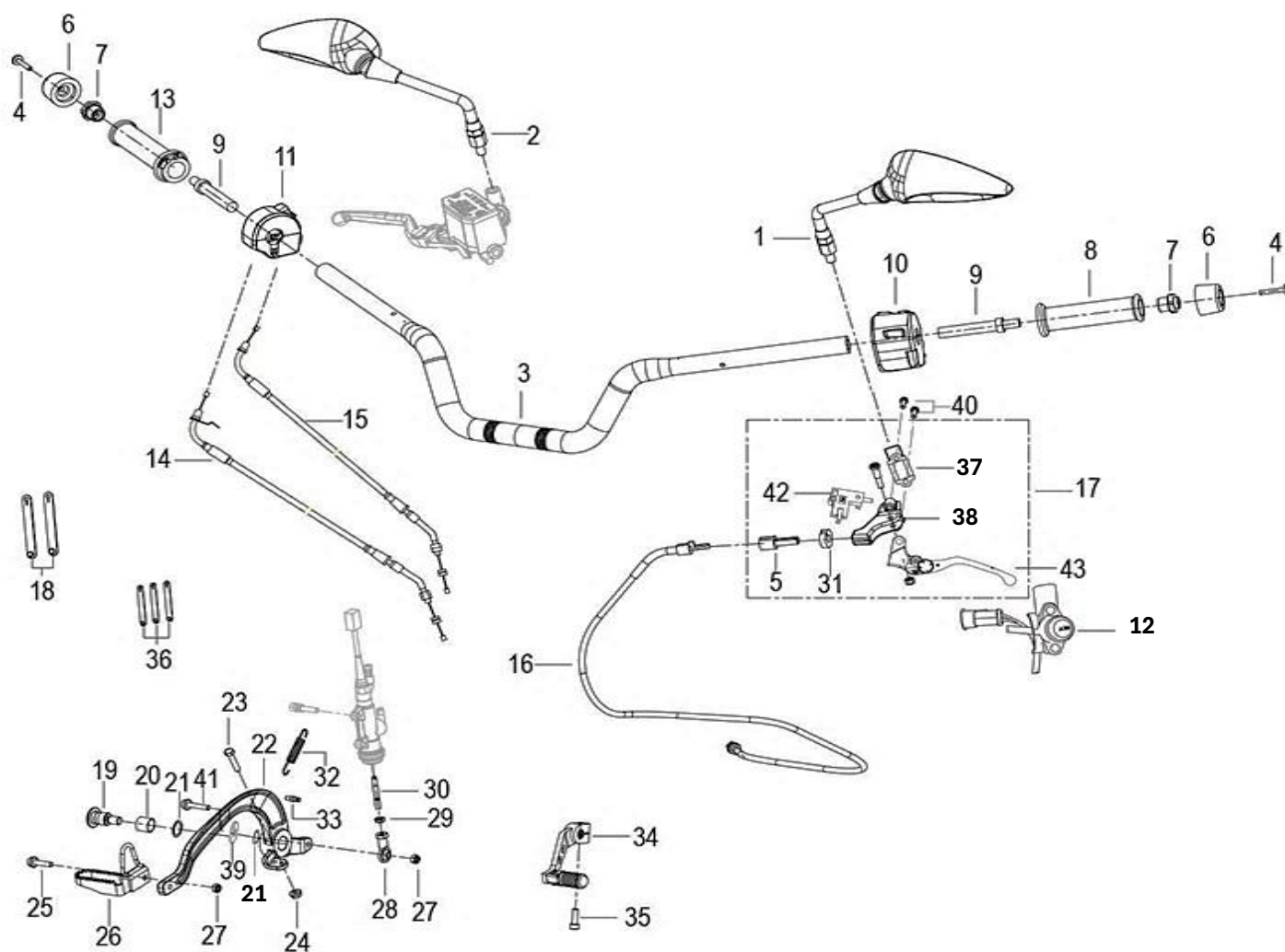
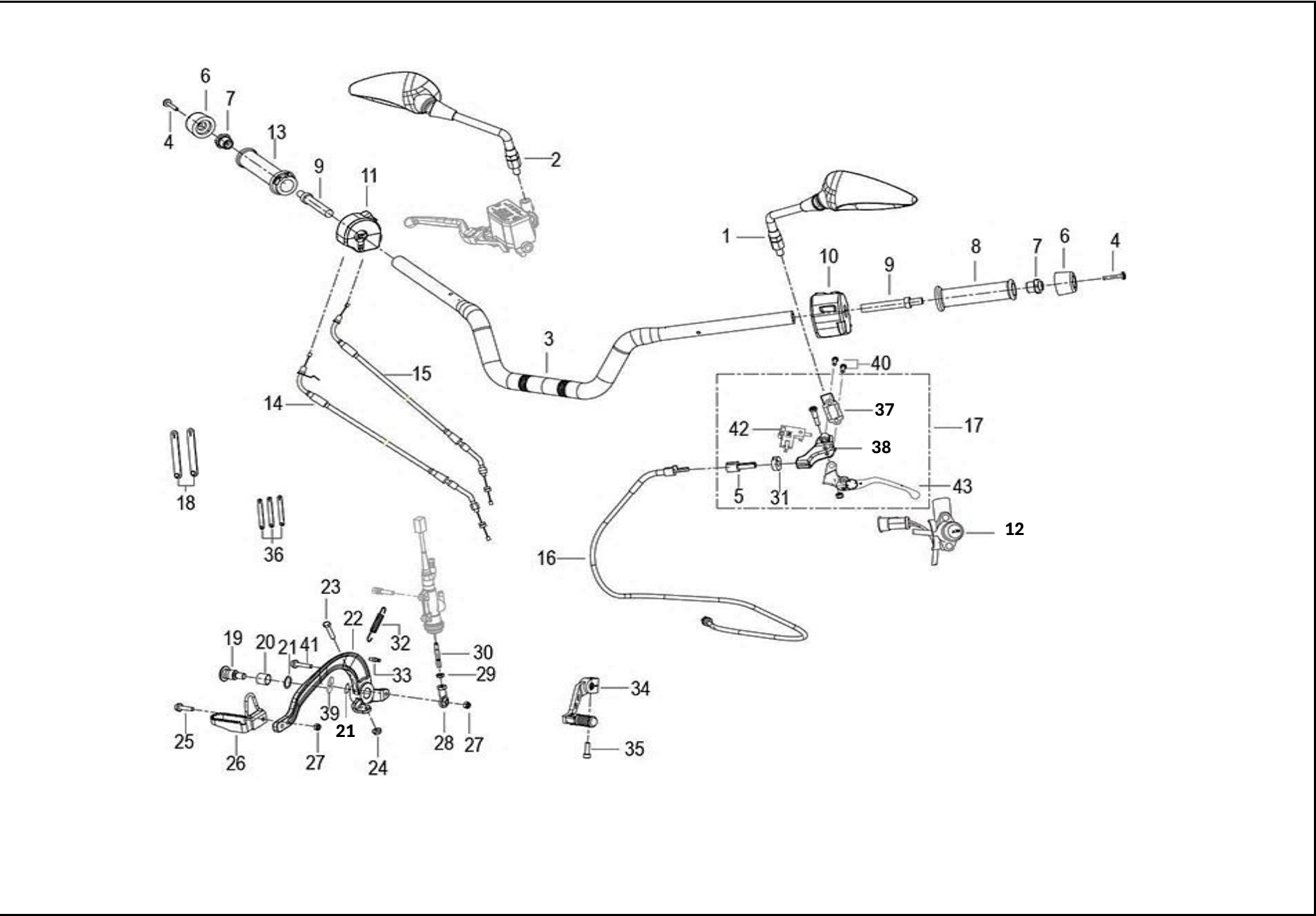


FIGURA N° 19: MANUBRIO - ESPEJOS - COMANDOS

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	40450P160000	Espejo Izquierdo	1	21000287
2	40480P160000	Espejo Derecho	1	21000288
3	40101P260002	Manubrio	1	21000278
4	B0284060400A	Tornillo 6x40	2	21000570
5	40086K010000	Tornillo de Ajuste	1	11085992
6	40031P160000	Buje Manubrio	2	21000275
7	40032P250000	Buje Eje Contrapeso Manubrio	2	11085219
8	40001P160000	Manillar Izquierdo	1	21000273
9	40031S010000	Eje Contrapeso Manubrio	2	11085218
10	40500P370002	Comando Izquierdo	1	21000290
11	40600P370004	Comando Derecho	1	21000291
12	91190P16000A	Swiche ABS	1	21000530
13	40210P160000	Carretel Acelerador con Manillar	1	21000280
14	40300P160003	Cable Acelerador I	1	21000281
15	40330P160003	Cable Acelerador II	1	21000283
16	40400P160002	Cable Clutch	1	21000285
17	40080P160101	Soporte y Leva Clutch	1	21000276
18	40023P250000	Abrazadera	2	21000274
19	40706P250001	Tornillo Pedal Freno	1	21000293
20	58511S010000	Buje Pedal Freno	1	21000411
21	58216S010000	Arandela	2	21000395
22	40712P160001	Pedal Freno	1	21000294
23	B0101060352H	Tornillo 6x35	1	21000545
24	B0407060005H	Tuerca M6	1	11085559
25	B01820602562	Tornillo 6x25	1	21000556

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
26	40720V300100	Reposapie Pedal Freno	1	21000295
27	B04810600052	Tuerca M6	2	11086364
28	40283S010000	Terminal Empujador	1	11085229
29	B04800600052	Tuerca M6	1	11086363
30	55061P120000	Empujador Bomba Freno Trasero	1	21000373
31	40087K010000	Tuerca de Ajuste	1	11085994
32	40702P160000	Resorte Pedal Freno	1	21000292
33	40273P250000	Pasador Superior	1	11085997
34	08370P160001	Pedal Cambios	1	21000222
35	B02810602062	Tornillo 6x1x20	1	11085546
36	49371T620000	Abrazadera	3	11085303
37	40082P250000	Soporte Espejo Izquierdo	1	11085990
38	40081P250001	Soporte Leva Clutch	1	21000277
39	B0702000060H	Arandela 6 mm.	1	11085574
40	B02810603062	Tornillo 6x30	2	11086348
41	160106030130	Tornillo 6x30	1	11085789
42	91090P250000	Swiche Clutch	1	11086292
43	41080P160101	Leva Clutch	1	21000296

FIGURA N° 20: SUSPENSIÓN DELANTERA



[illegible]30

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

- 1**: Axle
- 2**: Axle pins (multiple locations)
- 3**: Disc brake rotor
- 4**: Disc brake pin
- 5**: Axle nut
- 6**: Wheel rim
- 7**: Tire
- 8**: Wheel hub
- 9**: Tire
- 10**: Disc brake rotor
- 11**: Tire
- 12**: Disc brake pin
- 13**: Disc brake rotor
- 15**: Disc brake pin

31

This exploded view diagram illustrates the assembly of a portable toilet. The main components are shown in their relative positions:

- Part 1:** The main upper body of the toilet, featuring a hexagonal top rim and a central outlet.
- Part 2:** Screws used to secure the top rim of the main body.
- Part 3:** A cap or plug for the central outlet.
- Part 4:** Two circular gaskets or seals that fit into the base of the main body.
- Part 5:** A long, curved discharge pipe that connects the base of the toilet to the external waste container.
- Part 6:** A coupling or connector at the end of the discharge pipe.
- Part 7:** A large, cylindrical external waste container with a handle and a locking mechanism.
- Part 8:** Screws used to attach the discharge pipe to the waste container.
- Part 9:** A bracket or support arm that holds the waste container in place.
- Part 10:** A locking pin or latch mechanism for the waste container.
- Part 11:** A small connector or elbow for the discharge pipe.
- Part 12:** A small cylindrical component, possibly a filter or a connector.
- Part 13:** Small O-rings or seals used at various connection points.
- Part 14:** A short section of the discharge pipe.
- Part 15:** A small connector or elbow for the discharge pipe.
- Part 16:** A mounting bracket or support for the waste container.
- Part 17:** A small pin or screw used to secure the mounting bracket.
- Part 18:** A rectangular tray or base that sits underneath the main body to catch any leaks.
- Part 19:** Screws used to secure the tray to the main body.

32

FIGURA N° 24: TANQUE GASOLINA - CANISTER

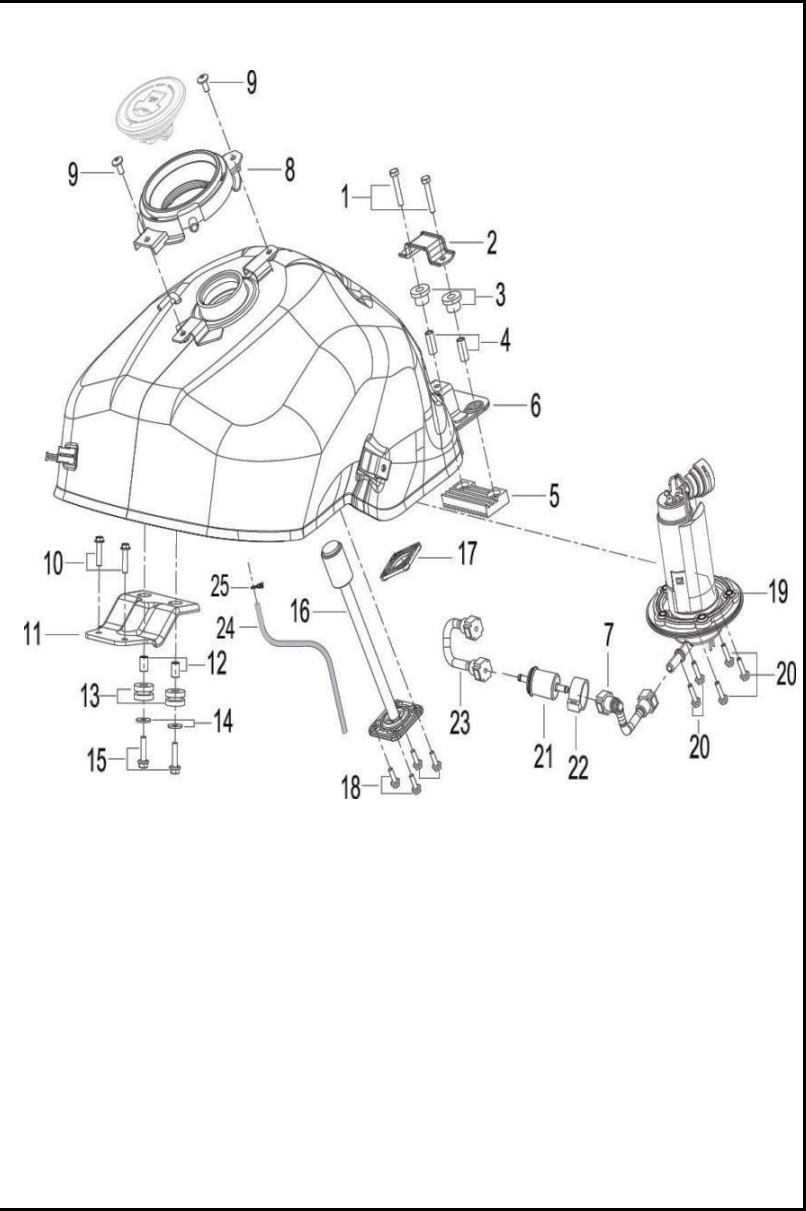


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	B0281060356H	Tornillo 6x35	2	11086349
2	50138K980000	Soporte Sillín	1	21000338
3	50222J000001	Buje	2	11086114
4	50221J000101	Pin Guía	2	11086113
5	50006K980000	Antivibrante Trasero Tanque Gasolina	1	11086107
6	50100P160000	Tanque Gasolina	1	21000337
7	50360P160000	Manguera (Bomba Gasolina-Filtro Gasolina)	1	21000340
8	65679V020000	Acople Tapa Tanque Gasolina	1	21000490
9	B0283060146H	Tornillo 6x14	2	11085549
10	B0109060166H	Tornillo 6x16	2	11085517
11	50027P160000	Soporte Frontal Tanque Gasolina	1	21000335
12	50014P250010	Buje	2	11085315
13	50005P250000	Antivibrante	2	11085314
14	B0702000060H	Arandela 6 mm.	2	11085574
15	B01820602562	Tornillo 6x25	2	21000556
16	50800P160002	Medidor Tanque Gasolina	1	21000342
17	50808P250010	Empaque Medidor Tanque Gasolina	1	11086139
18	B0109050166H	Tornillo 5x16	4	11085515
19	50400P160000	Bomba Gasolina	1	21000341
20	B0109050206H	Tornillo 5x20	5	21000546
21	50340N070000	Filtro Gasolina	1	11086132
22	50391N070010	Caucho Filtro Gasolina	1	11085328
23	50090P160000	Manguera (Filtro Gasolina-Medidor Tanque Gas)	1	21000336
24	B160107C6001	Manguera Gasolina 11x7x1260	1	21000576
25	B17010105003	Abrazadera 10.5 mm.	1	21000576

FIGURA N° 25: FRENO DELANTERO - FRENO TRASERO

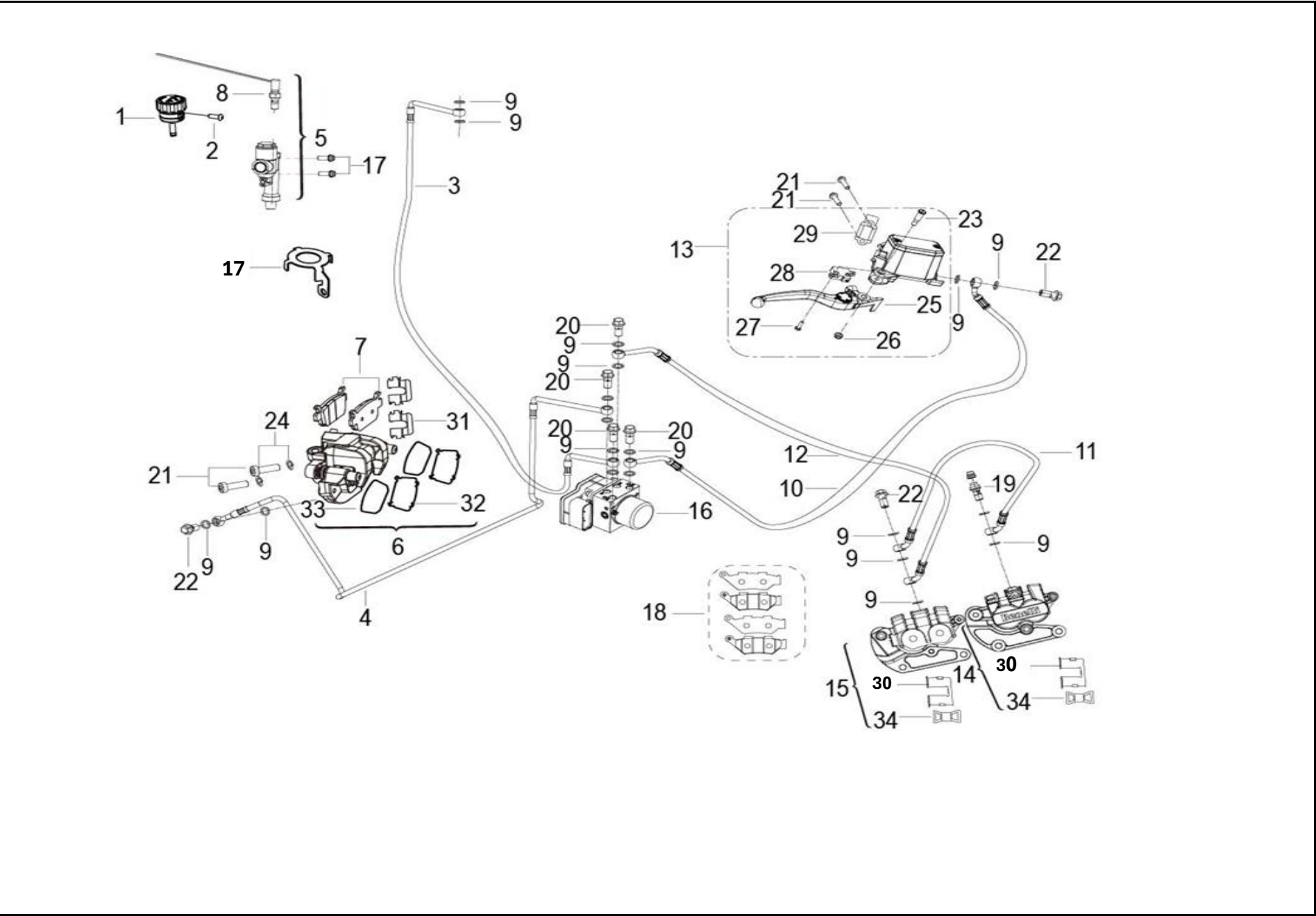


FIGURA N° 26: COMPLEMENTOS CHASIS # 1

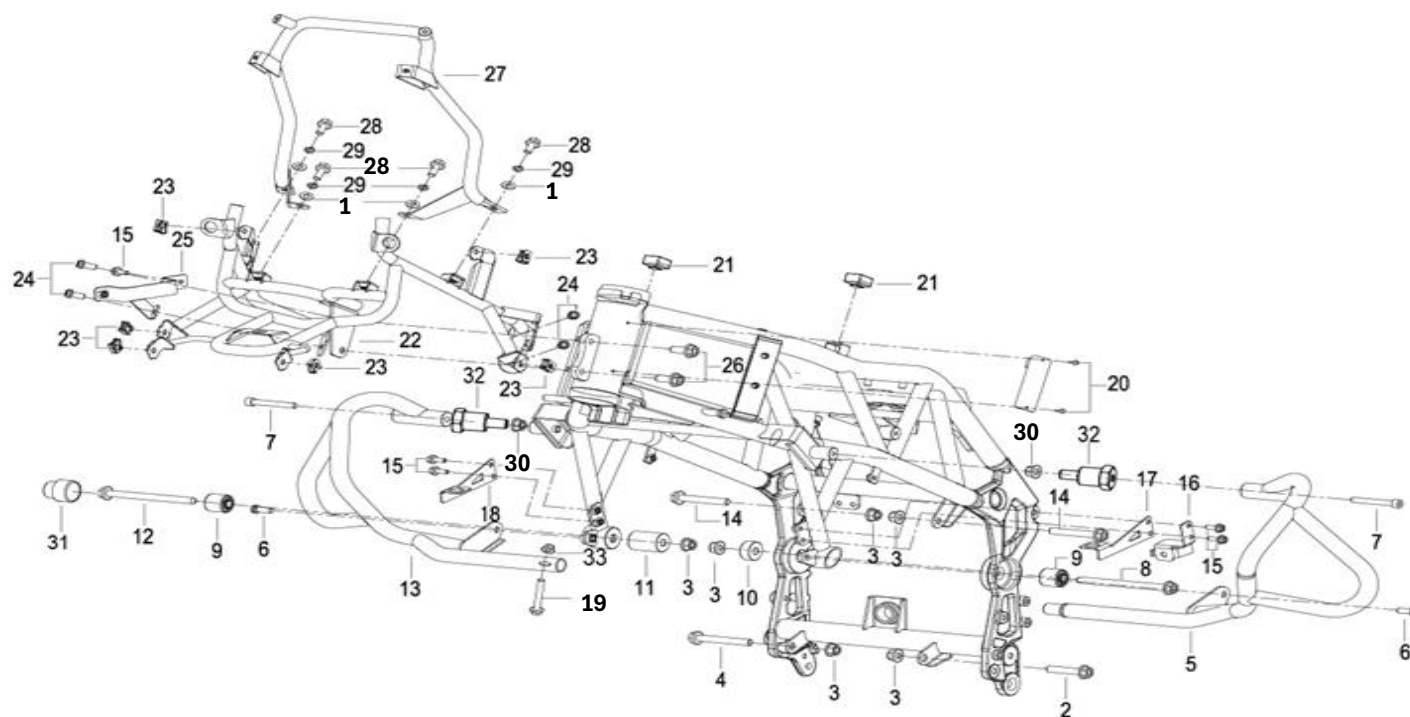


FIGURA N° 27: COMPLEMENTOS CHASIS # 2

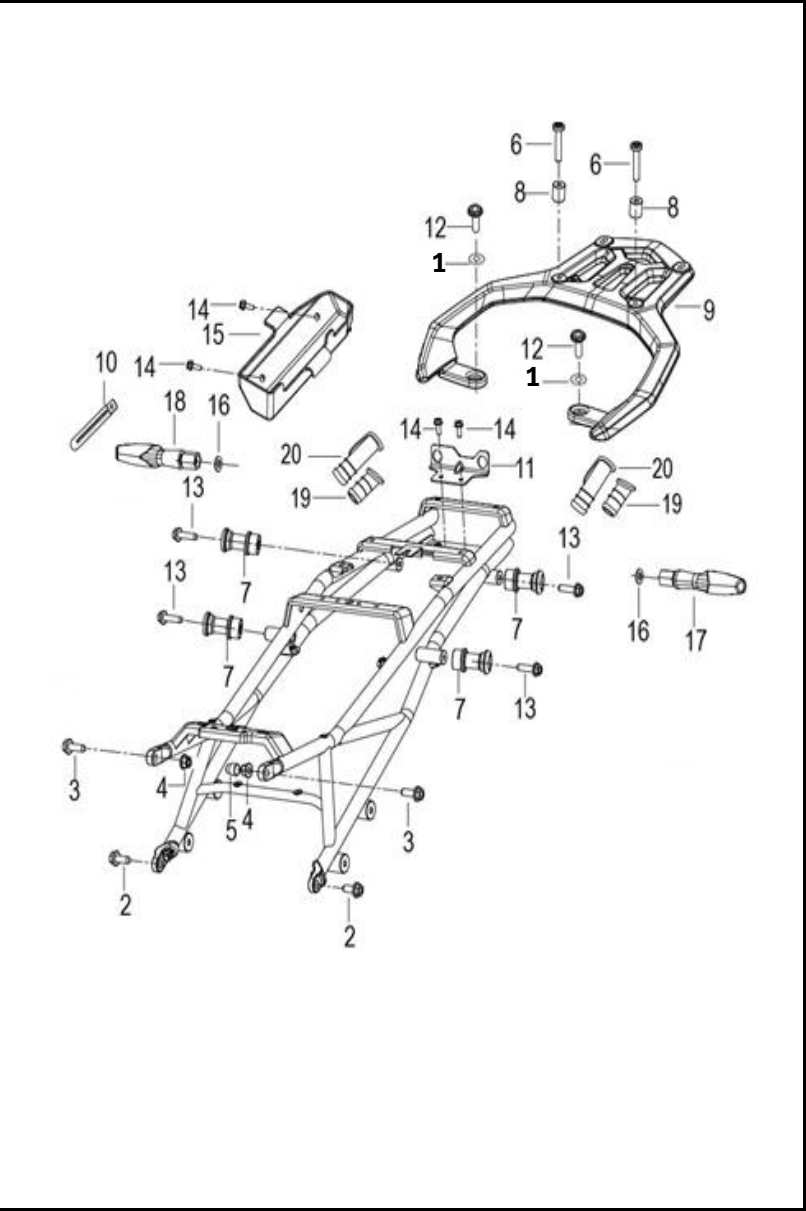


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	B0703000080A	Arandela 8 mm.	2	21000630
2	B0109100256H	Tornillo 10x25	2	21000551
3	B0159100306H	Tornillo 10x1.25x30	2	11085525
4	B0417101254H	Tuerca M10	2	11085562
5	58306P160000	Caucho	2	11086216
6	B0109080606H	Tornillo 8x60	2	21000549
7	51022P160000	Buje Chasis	4	21000344
8	52511H240100	Buje	2	21000346
9	52011P16BG00	Agarradera Pasajero	1	21000345
10	08430P250000	Platina de Ajuste	1	21000223
11	08301P160000	Soporte Stop	1	21000221
12	B0109080256K	Tornillo 8x25	2	21000626
13	B0205080456H	Tornillo 8x45	4	21000560
14	B0109060126H	Tornillo 6x12	4	11085516
15	02131P160000	Caja Herramientas	1	21000204
16	08023P250000	Arandela 10.5x19x0.8	2	21000216
17	81500P160001	Direccional Trasera Izquierda	1	21000514
18	81700P160001	Direccional Trasera Derecha	1	21000515
19	57015P160000	Tapon Chasis	2	21000384
20	57016P160000	Tapon Chasis	2	21000385

This technical diagram illustrates the assembly of a vehicle chassis, showing the main frame and various suspension components. The parts are numbered as follows:

- 1**: Lower control arm assembly (right side).
- 2**: Lower control arm ball joint (right side).
- 3**: Lower control arm ball joint (left side).
- 4**: Lower control arm mounting bracket (right side).
- 5**: Lower control arm mounting bracket (left side).
- 6**: Lower control arm ball joint (left side).
- 7**: Lower control arm ball joint (right side).
- 8**: Lower control arm mounting bracket (left side).
- 9**: Lower control arm assembly (left side).
- 10**: Lower control arm ball joint (left side).
- 11**: Lower control arm ball joint (right side).
- 12**: Lower control arm mounting bracket (right side).
- 13**: Lower control arm mounting bracket (right side).
- 14**: Lower control arm mounting bracket (left side).
- 15**: Lower control arm ball joint (left side).
- 16**: Lower control arm ball joint (right side).
- 17**: Lower control arm ball joint (left side).
- 18**: Lower control arm ball joint (right side).
- 19**: Lower control arm mounting bracket (right side).

39

FIGFIGURA N° 29: GATO CENTRAL - GATO LATERAL

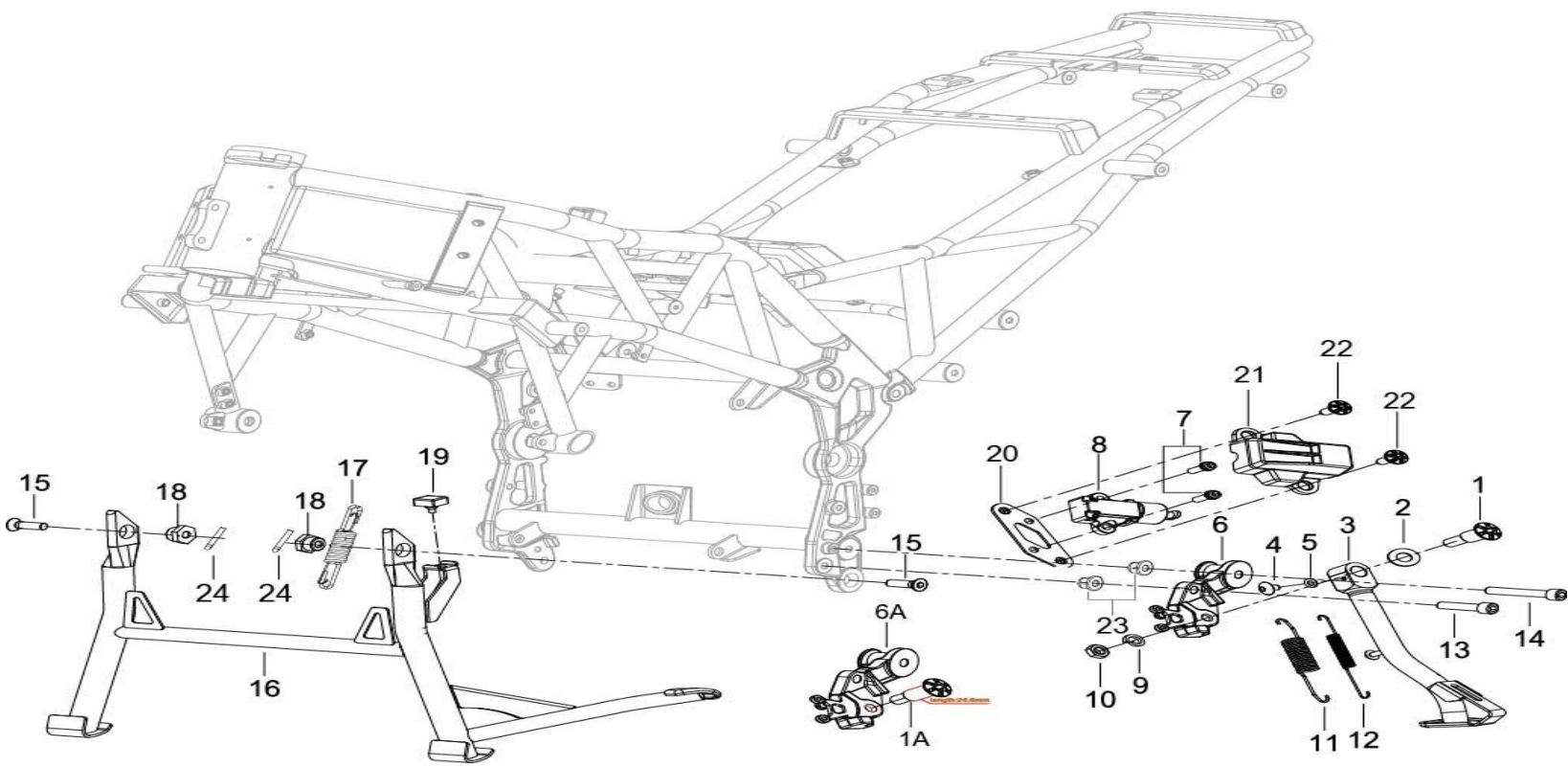


FIGURA N° 29: GATO CENTRAL - GATO LATERAL

[illegible][illegible]

This technical drawing is an exploded view of a vehicle's front end assembly. It illustrates the spatial relationship between various components, including the hood, fenders, bumper, and various structural brackets and fasteners. The components are identified by numerical callouts: 1 (bumper), 2 (fasteners), 3 (brackets/bushings), 4 (fender), 5 (hood), 6 (fender), 7 (fastener), 8 (fastener), 9 (fender), 10 (fender), 11 (fastener), 12 (fastener), 13 (fastener), 14 (fender), 15 (fender), 16 (fender), 17 (fender), and 18 (fastener). The diagram shows how these parts fit together to form the front of the vehicle.

42

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

- 1:** Main helmet shell (upper part).
- 2:** Chin strap buckle.
- 3:** Chin strap webbing.
- 4:** Chin strap attachment point.
- 5:** Chin strap adjustment mechanism.
- 6:** Various small fasteners and pins.
- 7:** Various small fasteners and pins.
- 8:** Chin strap attachment point.
- 9:** Chin strap attachment point.
- 10:** Chin strap attachment point.
- 11:** Chin strap attachment point.
- 12:** Various small fasteners and pins.
- 13:** Chin strap attachment point.
- 14:** Chin strap attachment point.
- 15:** Chin strap attachment point.
- 16:** Chin strap attachment point.

43

44

FIGURA N° 33: SUSPENSIÓN TRASERA - GUARDACADENA

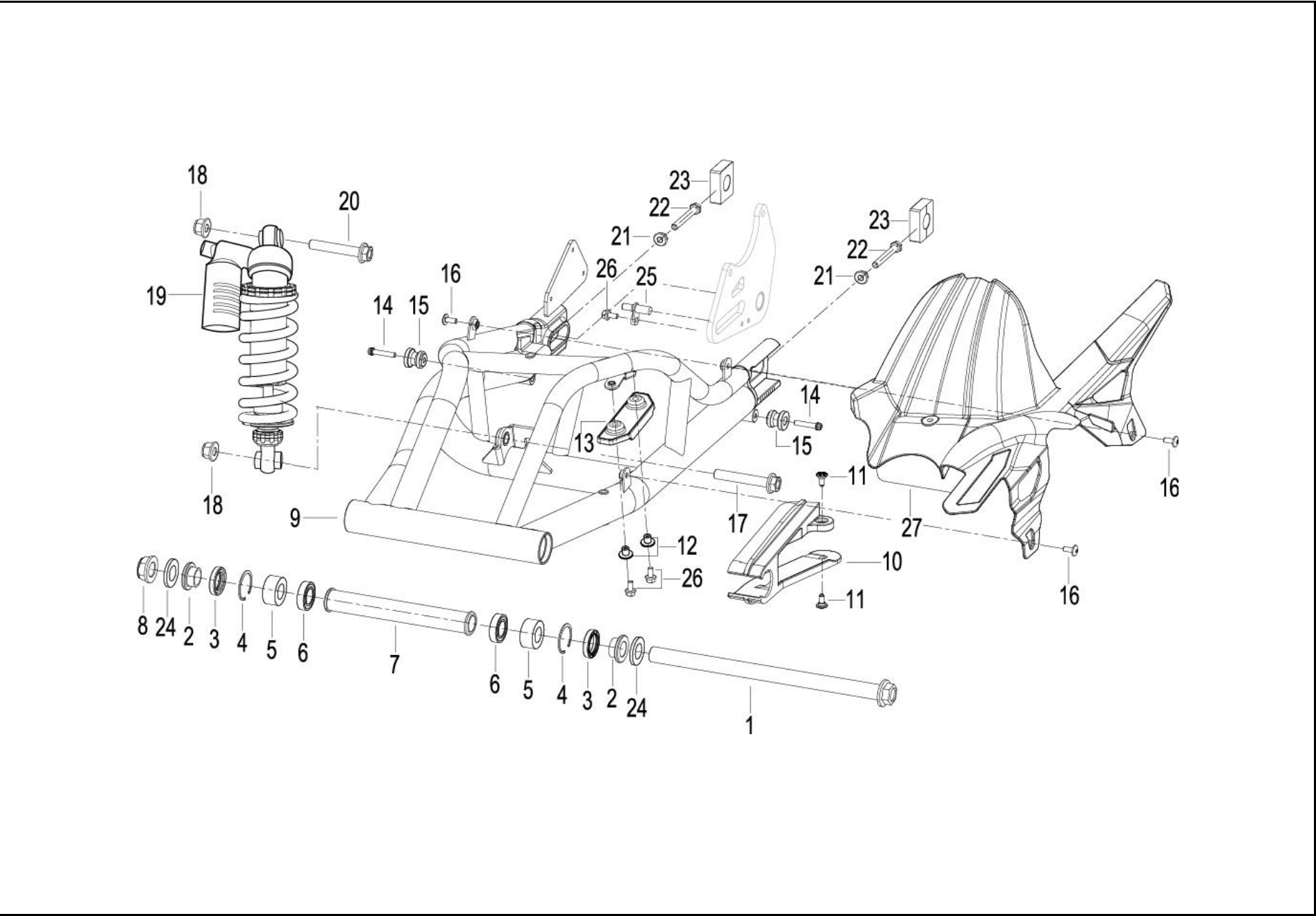


FIGURA N° 33: SUSPENSIÓN TRASERA - GUARDACADENA

[illegible][illegible]

FIGURA N° 34: RUEDA TRASERA

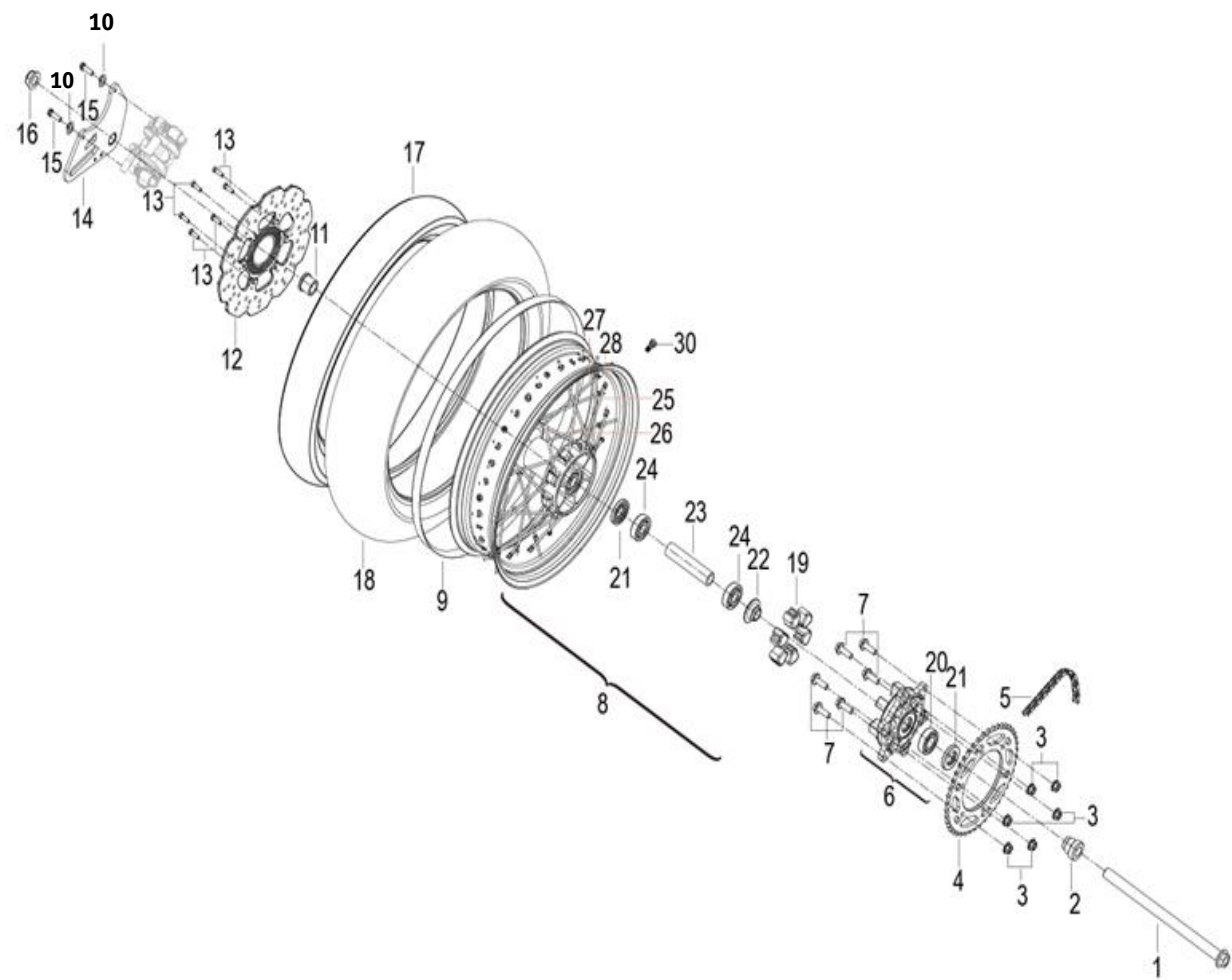


FIGURA N° 34: RUEDA TRASERA

[illegible][illegible]

FIGURA N° 35: TAPA LATERAL - SILLIN - CUBIERTAS SILLIN

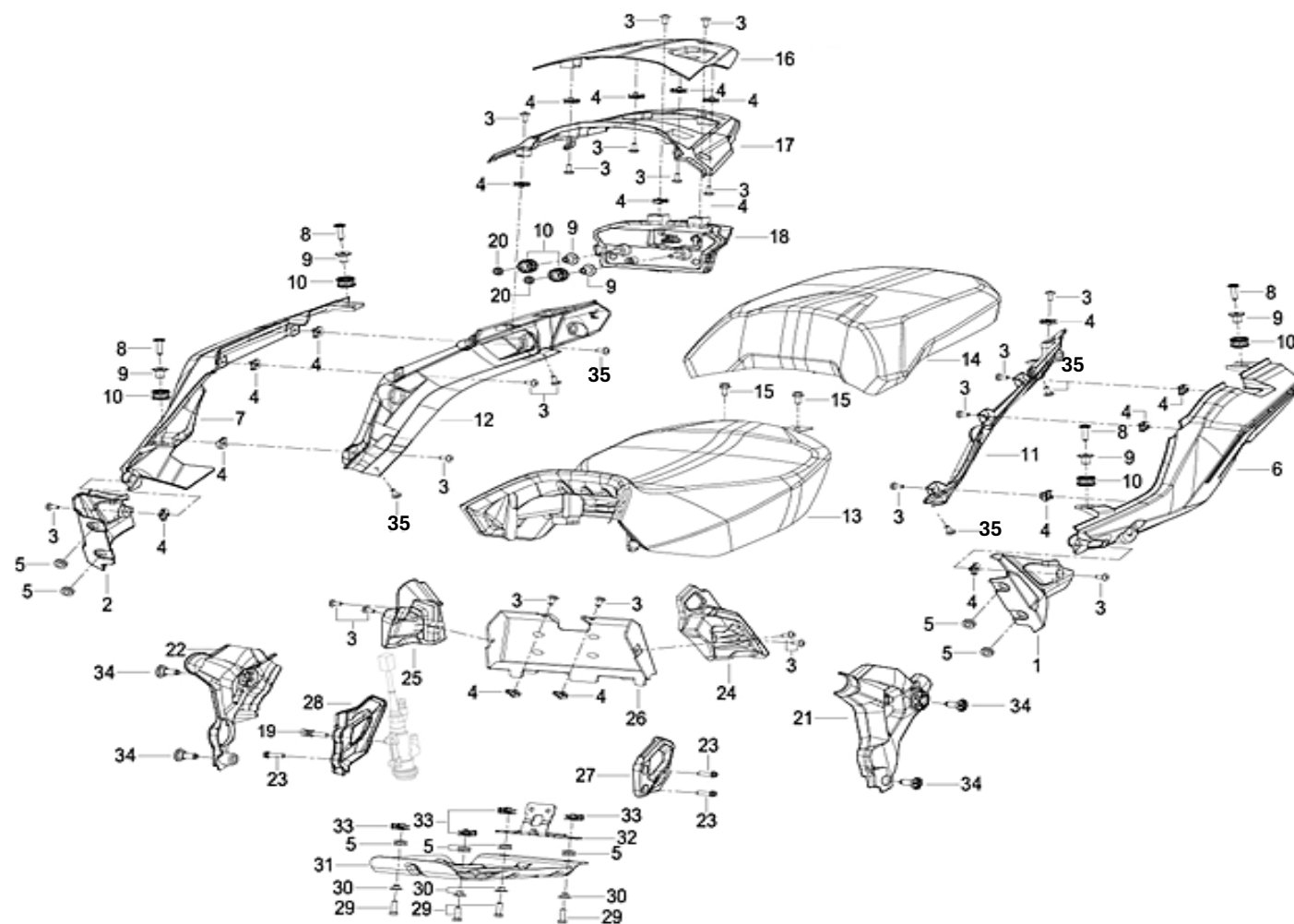


FIGURA N° 35: TAPA LATERAL - SILLIN - CUBIERTAS SILLIN

[illegible][illegible]

FIGURA N° 36: EQUIPO ELECTRICO

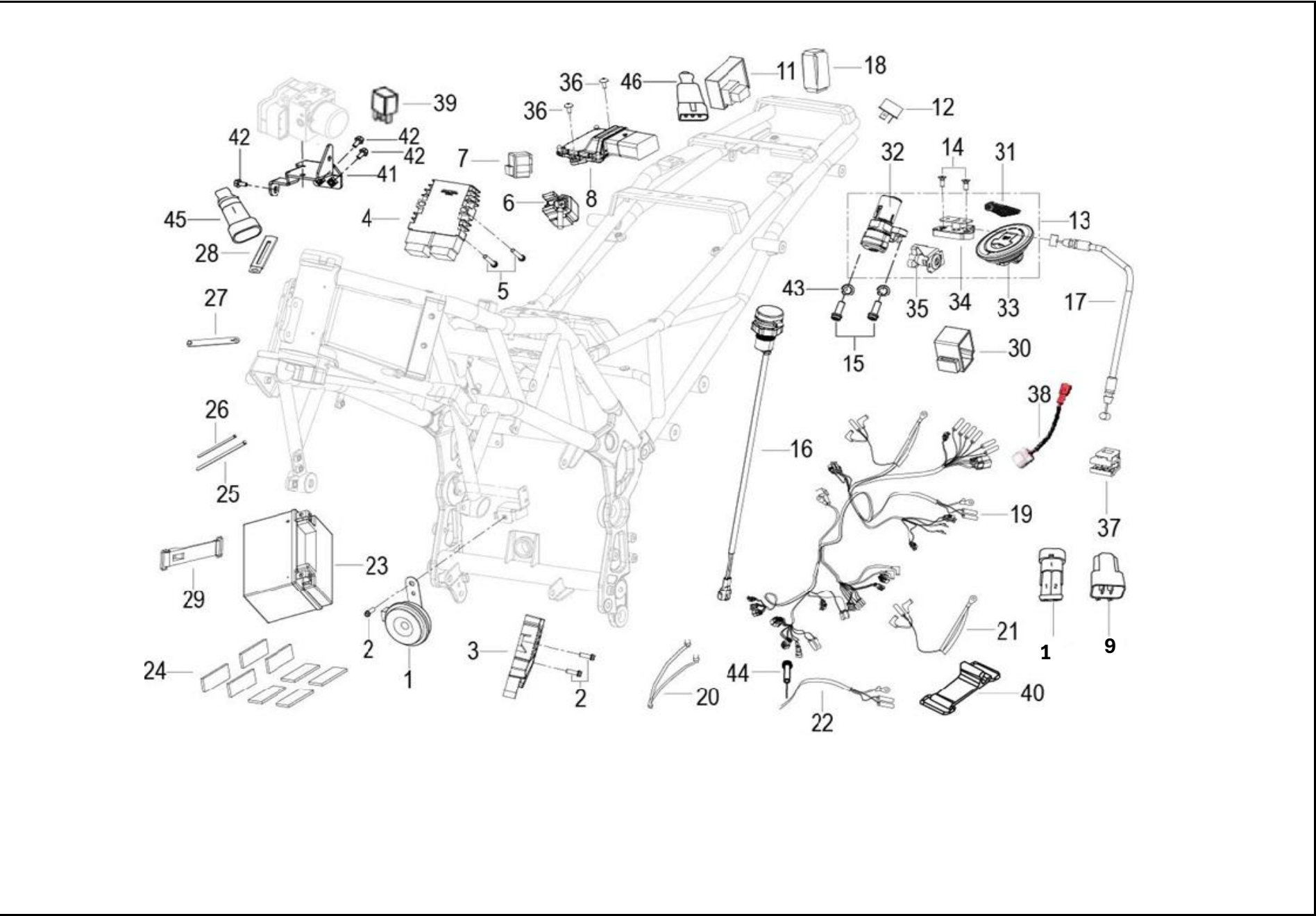


FIGURA N° 36: EQUIPO ELECTRICO

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	95100P160001	Pito	1	21000538
2	B02810801662	Tornillo 8x16	1	11086350
3	96350P160001	Convertidor Velocímetro	1	21000625
4	299066060000	Regulador	1	11085984
5	B0109060306H	Tornillo 6x30	2	21000547
6	94000S010000	Relay Arranque	1	11086303
7	91210N300000	Sensor Roll Over	1	11086294
8	96C00P160001	E.C.U	1	11086308
9	92059P060000	Conector E.C.U	1	11086299
10	92058P060000	Conector ABS	1	11086298
11	96400H390001	Flasher	1	11085494
12	96700K060000	Diodo de Arranque	1	11085495
13	88000P160001	Swiche Encendido Completo	1	21000518
14	B0201060252H	Tornillo 6x25	2	11085532
15	B0226080206H	Tornillo 8x20	2	11085541
16	92950H380001	Puerto de Carga USB	1	21000536
17	58900P160000	Cable Seguro Sillín	1	21000417
18	96007B720001	Caucho Flasher	1	21000842
19	92000P16000H	Instalación Eléctrica	1	21000624
20	92200P160000	Cable de Poder	1	21000533
21	92300P160000	Cable Motor	1	11086301
22	92500P160000	Cable Tierra	1	11086302
23	MTX9-BS-GEL-PRO	Batería 12V-9AH	1	11065916
24	58752P250000	Adhesivo	8	11085398
25	96002J000000	Abrazadera	8	21000540

FIG. No.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
26	40098B450000	Abrazadera 3x150	10	11085226
27	96003P250000	Abrazadera	2	11085490
28	58430J000000	Platina Guía	5	11085391
29	02200J0000A0	Banda Ajuste Batería	1	11084948
30	98901S010000	Caucho	1	21000845
31	88900P160001	Llave en Blanco	1	21000527
32	88100P160001	Swiche Encendido (Solo)	1	21000520
33	88400P160001	Tapa Tanque Gasolina	1	21000522
34	58800S010000	Seguro Sillín	1	21000416
35	88800P160001	Seguro Sillín	1	21000524
36	B02810501462	Tornillo 5x0.8x14	2	21000566
37	96010P160000	Caucho	1	21000542
38	92940P060000	Conector OBD	1	21000534
39	92039S010000	Relay	5	11086297
40	02120J690000	Banda Ajuste Caja Herramientas	1	21000578
41	58670P160000	Soporte ABS	1	21000412
42	B0109060166H	Tornillo 6x16	3	11085517
43	B0700000080H	Arandela de Presión 8 mm.	2	11086371
44	08013P100000	Tornillo 6x16	1	11084972
45	96600P180000	Resistencia	1	11086306
46	96700P100000	Diodo de Arranque	1	11086307

This diagram illustrates the assembly of a mechanical component, likely a wheel or a large handle, using various parts and tools. The parts are numbered 1 through 21, and the tools are numbered 12.

Parts and Components:

- 1: Main housing or frame.
- 2: Small circular components, possibly washers or spacers.
- 3: Screws or bolts.
- 4: Small rectangular components, possibly spacers or washers.
- 5: Small rectangular component.
- 6: Screws or bolts.
- 7: Small rectangular component.
- 8: Small rectangular component.
- 9: Small circular component.
- 10: Small rectangular component.
- 11: Small rectangular component.
- 12: Tools (see list below).
- 13: Small circular components, possibly washers or spacers.
- 14: Small rectangular components, possibly spacers or washers.
- 15: Large, curved component, possibly a wheel or handle.
- 16: Screws or bolts.
- 17: Small rectangular component.
- 18: Small rectangular component.
- 19: Small rectangular component.
- 20: Small rectangular component.
- 21: Small circular component.

Tools (12):

- 12: List of tools including hex keys, a wrench, a screwdriver, and a small rectangular component.

53

FIGURA N° 38: CALCOMANIAS Y ACCESORIOS (1/2)

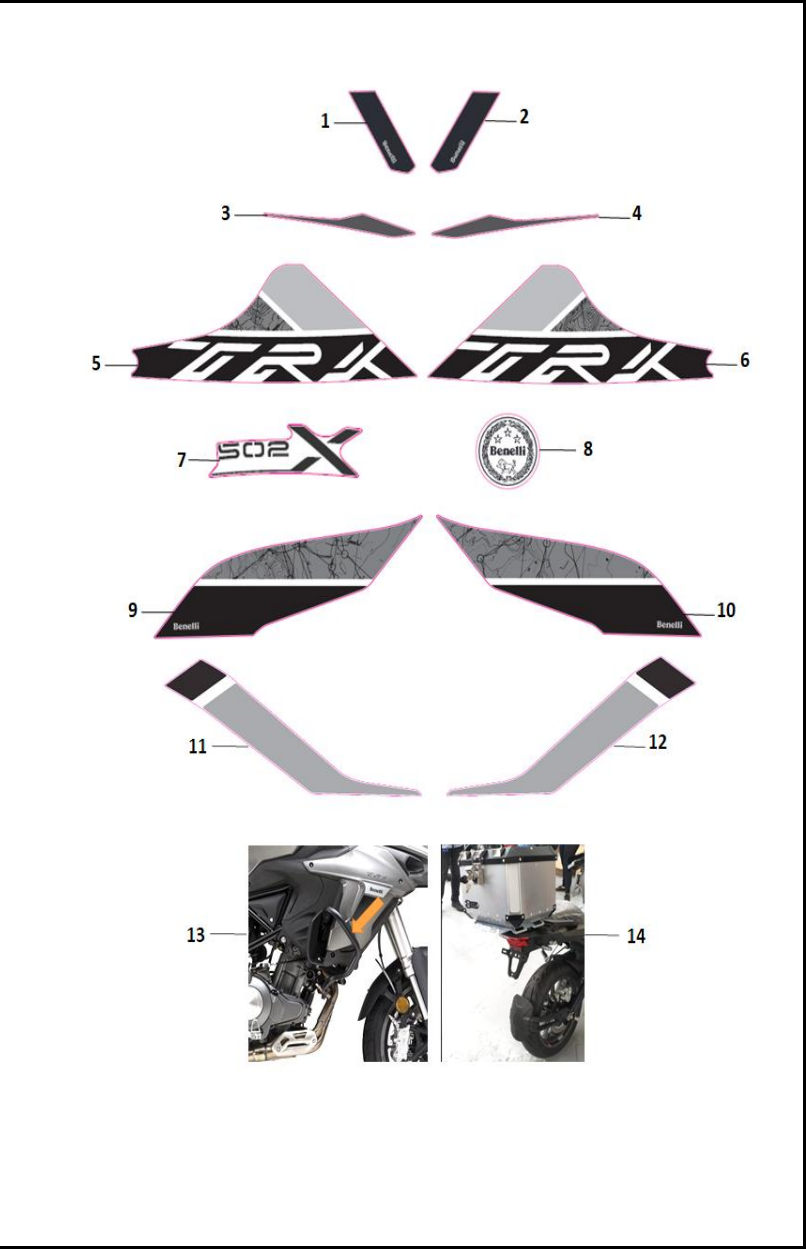


FIG. NO.	PARTE N°	DESCRIPCIÓN	CANT.	SAP
1	21007100	Calcomanía Protector Tubo Telescópico Der.	1	21007100
	21007044		1	21007044
	21007102		1	21007102
2	21007101	Calcomanía Protector Tubo Telescópico Izq.	1	21007101
	21007045		1	21007045
	21007103		1	21007103
3	21007118	Calcomanía Derecha Cubierta Frontal	1	21007118
4	21007119	Calcomanía Izquierda Cubierta Frontal	1	21007119
5	21007120	Calcomanía Superior Enfocador Derecho	1	21007120
	21007124		1	21007124
	21007122		1	21007122
6	21007121	Calcomanía Superior Enfocador Izquierdo	1	21007121
	21007125		1	21007125
	21007123		1	21007123
7	21007117	Calcomanía Inferior Enfocador Izq. - Der.	2	21007117
	21007116		2	21007116
8	21007046	Calcomanía Cubierta Tanque Gasolina	2	21007046
	21007051		2	21007051
9	21007108	Calcomanía Inferior Der. Cubierta Tanque Gas.	1	21007108
	21007106		1	21007106
	21007104		1	21007104
10	21007109	Calcomanía Inferior Izq. Cubierta Tanque Gas.	1	21007109
	21007107		1	21007107
	21007105		1	21007105
11	21007110	Calcomanía Cubierta Sillín Derecha	1	21007110
	21007114		1	21007114
	21007112		1	21007112

