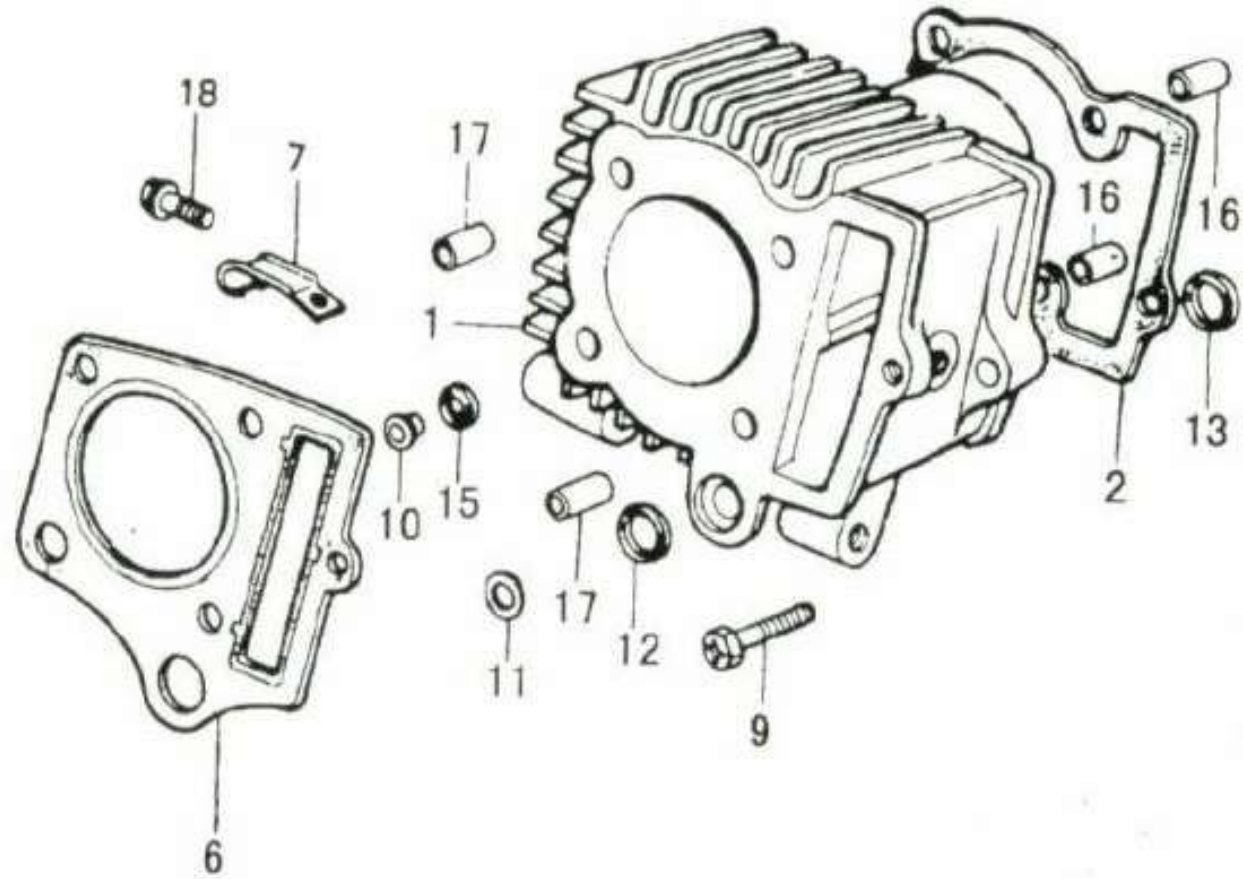
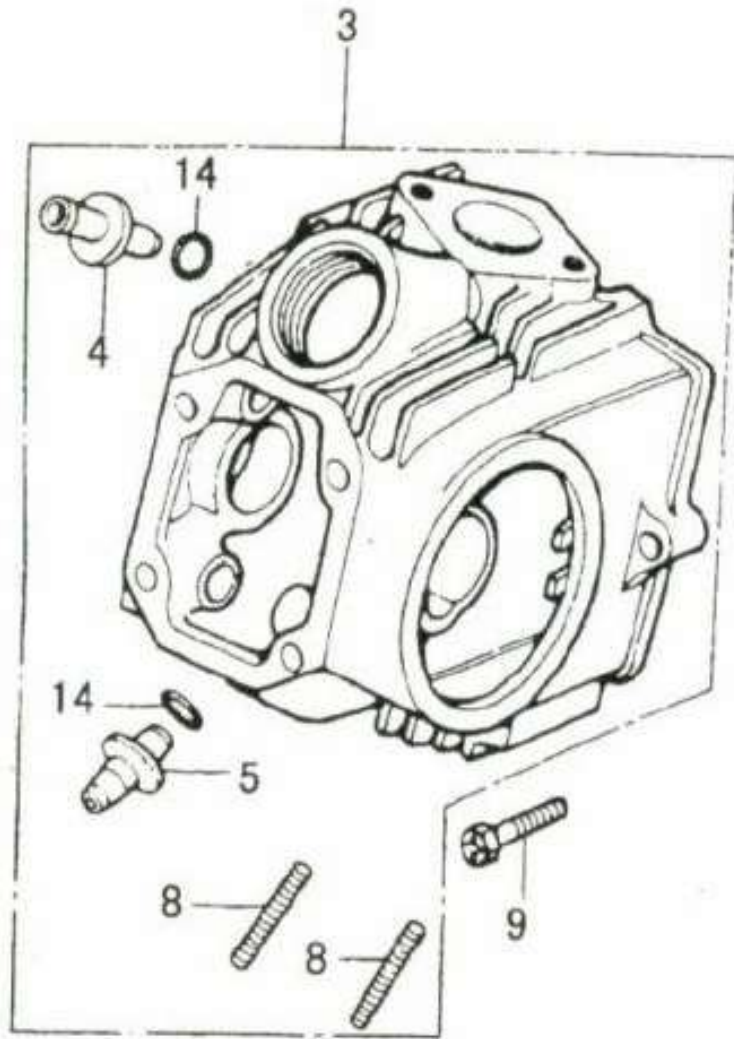


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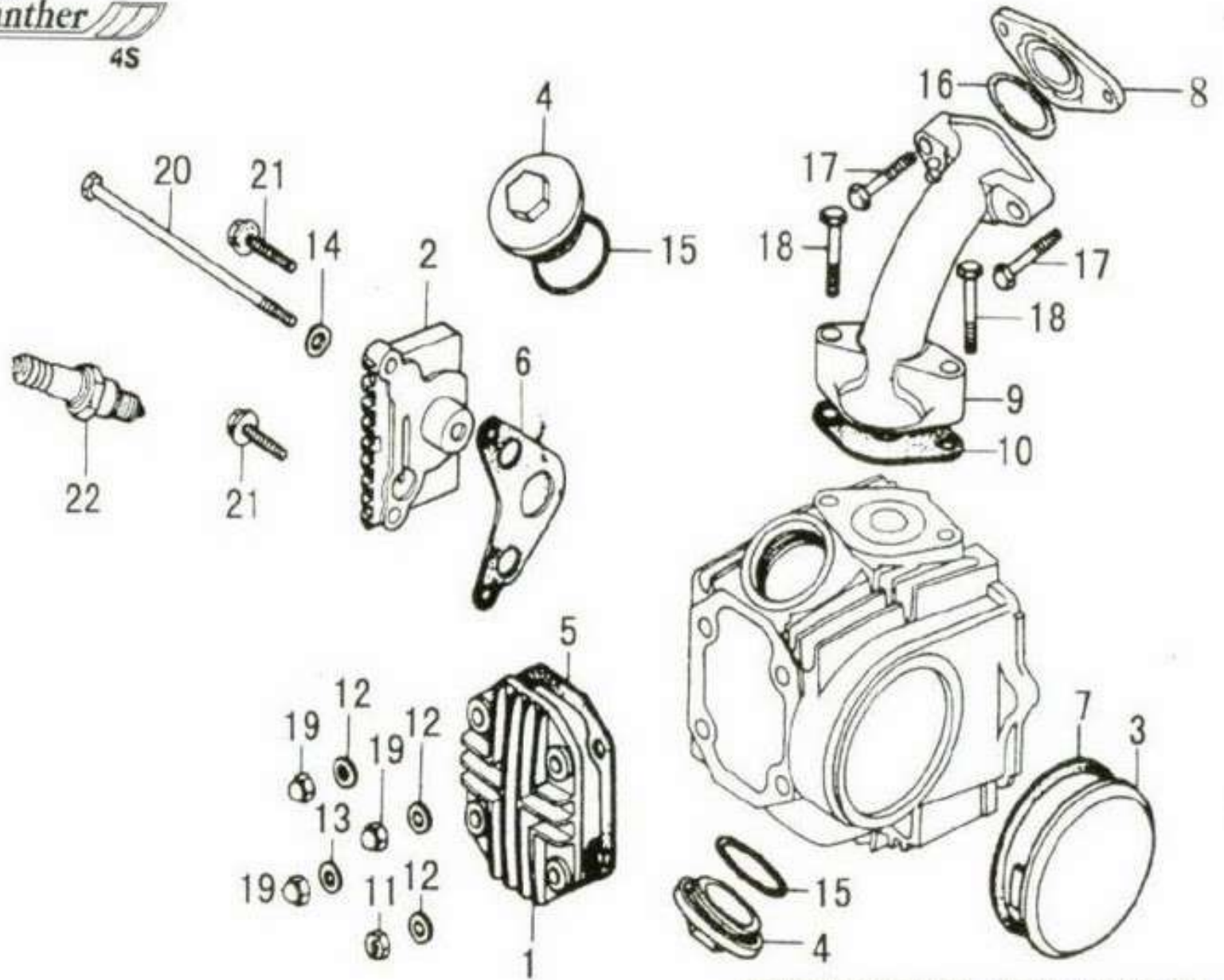
CYLINDER HEAD/BO

## CYLINDER HEAD/BODY

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332953000100	Cylinder Body	1	21.			
2.	332953000200	Gasket	1	22.			
3.	332953010000	Head Complete	1	23.			
4.	332953010100	In. Pipe	1	24.			
5.	332953010200	Ex. Pipe	1	25.			
6.	332953000300	Gasket Comp	1	26.			
7.	332953000400	Cup, High Voltage Wire	1	27.			
8.	332953010300	Stud Bolt	2	28.			
9.	332953000500	Bolt	2	29.			
10.	332953000600	Collar 'A'	1	30.			
11.	332953000700	Collar 'B'	1	31.			
12.	332953000800	Seal Ring, Square	1	32.			
13.	332953000900	Seal Ring, Square	1	33.			
14.	332953010400	O - Ring	2	34.			
15.	332953001000	Seal	1	35.			
16.	332953001100	Pin, Position	2	36.			
17.	332953001200	Pin, Position	2	37.			
18.	332953001300	Bolt	1	38.			
19.				39.			
20.				40.			

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**HEAD COVER, CYLINDER/IN. PIPE**

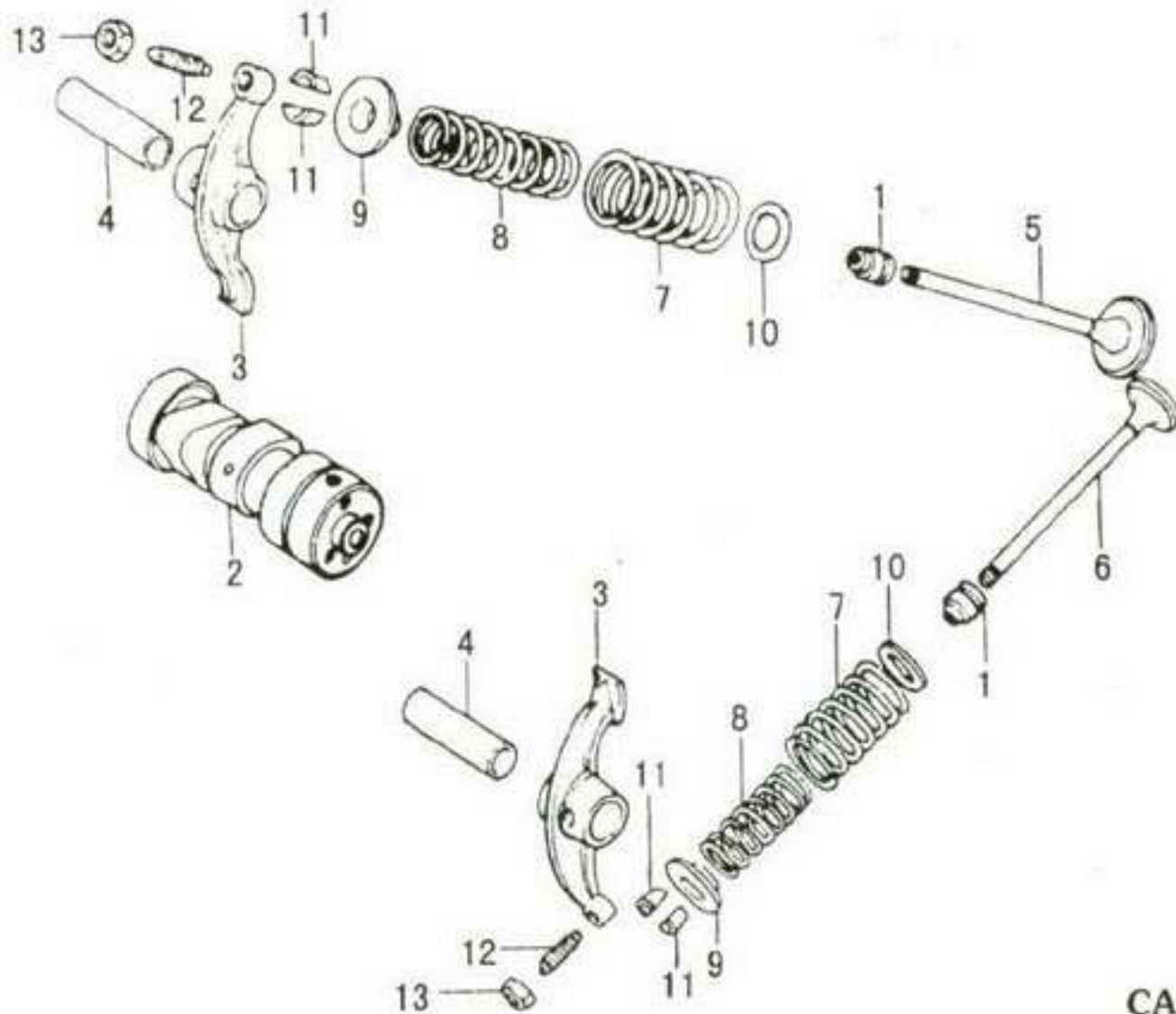


## HEAD COVER, CYLINDER/IN. PIPE

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332953001400	Cylinder Head	1	21.	332953003400	Bolt	2
2.	332953001500	R. Cover, Cylinder	1	22.	332953003500	Spark Plug	1
3.	332953001600	L. Cover, Cylinder	1	23.			
4.	332953001700	Cover, Valve	2	24.			
5.	332953001800	Gasket	1	25.			
6.	332953001900	Gasket, Cylinder Hd. R. Cover	1	26.			
7.	332953002000	Gasket, Cylinder Hd. L. Cover	1	27.			
8.	332953002100	Gasket, Carburettor	1	28.			
9.	332953002200	In. Pipe	1	29.			
10.	332953002300	Gasket, In. Pipe	1	30.			
11.	332953002400	Nut M6	1	31.			
12.	332953002500	Washer	3	32.			
13.	332953002600	Washer	1	33.			
14.	332953002700	Washer	1	34.			
15.	332953002800	O - Ring	2	35.			
16.	332953002900	O - Ring	1	36.			
17.	332953003000	Bolt M6 x 25	2	37.			
18.	332953003100	Bolt M6 x 32	2	38.			
19.	332953003200	Nut, Cover M6	3	39.			
20.	332953003300	Long Bolt	1	40.			

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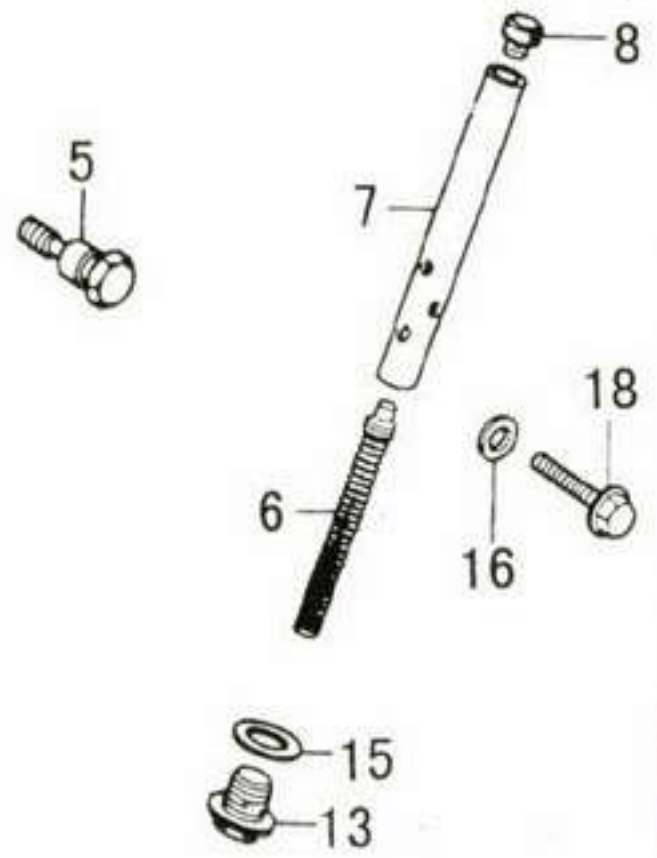
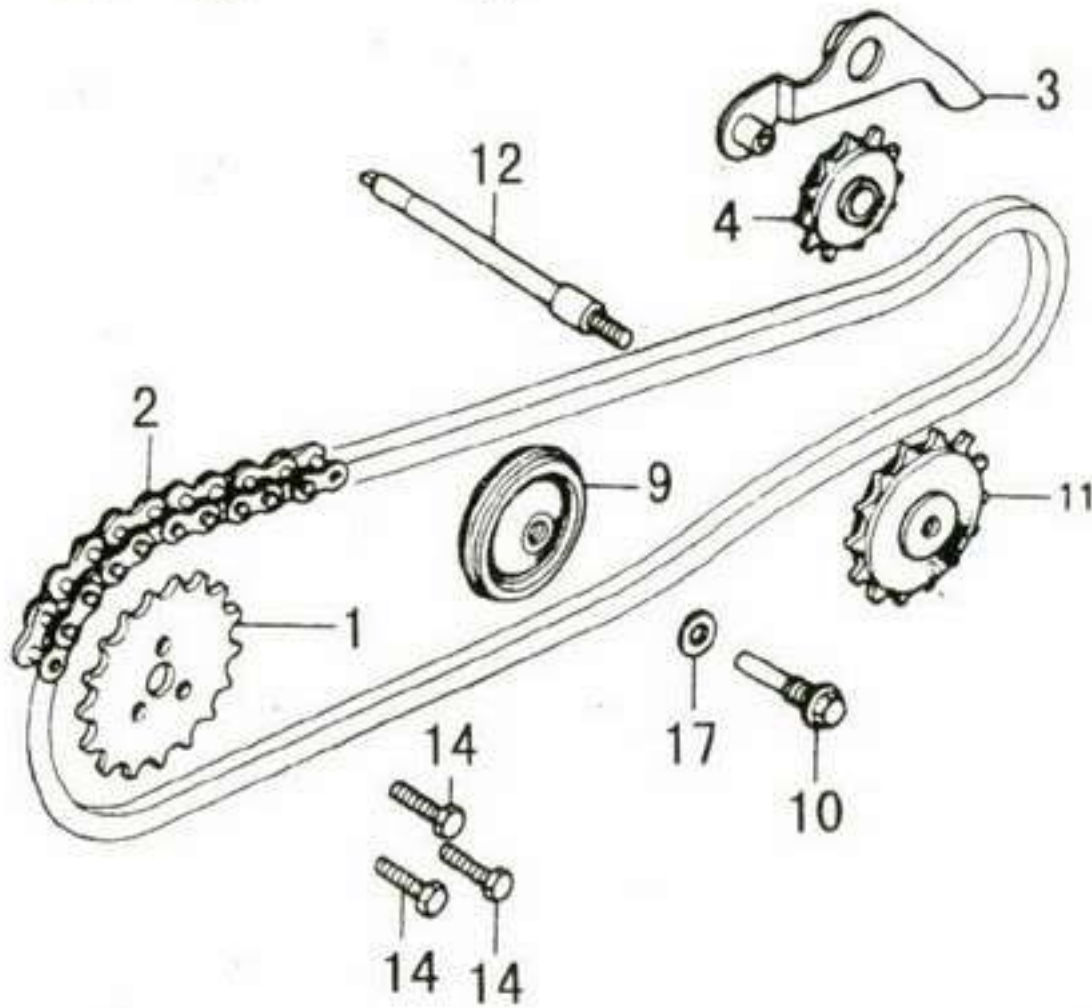
CAM SHAFT/VALV

## CAM SHAFT/VALVE

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332953003600	Oil Guard Comp	2	21.			
2.	332953003700	Cam Shaft Comp	1	22.			
3.	332953003800	Rocker Arm, Valve	2	23.			
4.	332953003900	Arm Shaft	2	24.			
5.	332953004000	In. Valve	1	25.			
6.	332953004100	Ex. Valve	1	26.			
7.	332953004200	Outer Spring	2	27.			
8.	332953004300	Inner Spring	2	28.			
9.	332953004400	Valve Spring	2	29.			
10.	332953004500	Washer, Outer Spring	2	30.			
11.	332953004600	Clamper, Valve	4	31.			
12.	332953004700	Adjusting Screw, Valve	2	32.			
13.	332953004800	Adjusting Nut, Valve	2	33.			
14.				34.			
15.				35.			
16.				36.			
17.				37.			
18.				38.			
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CAM CHAIN/TENSIONER



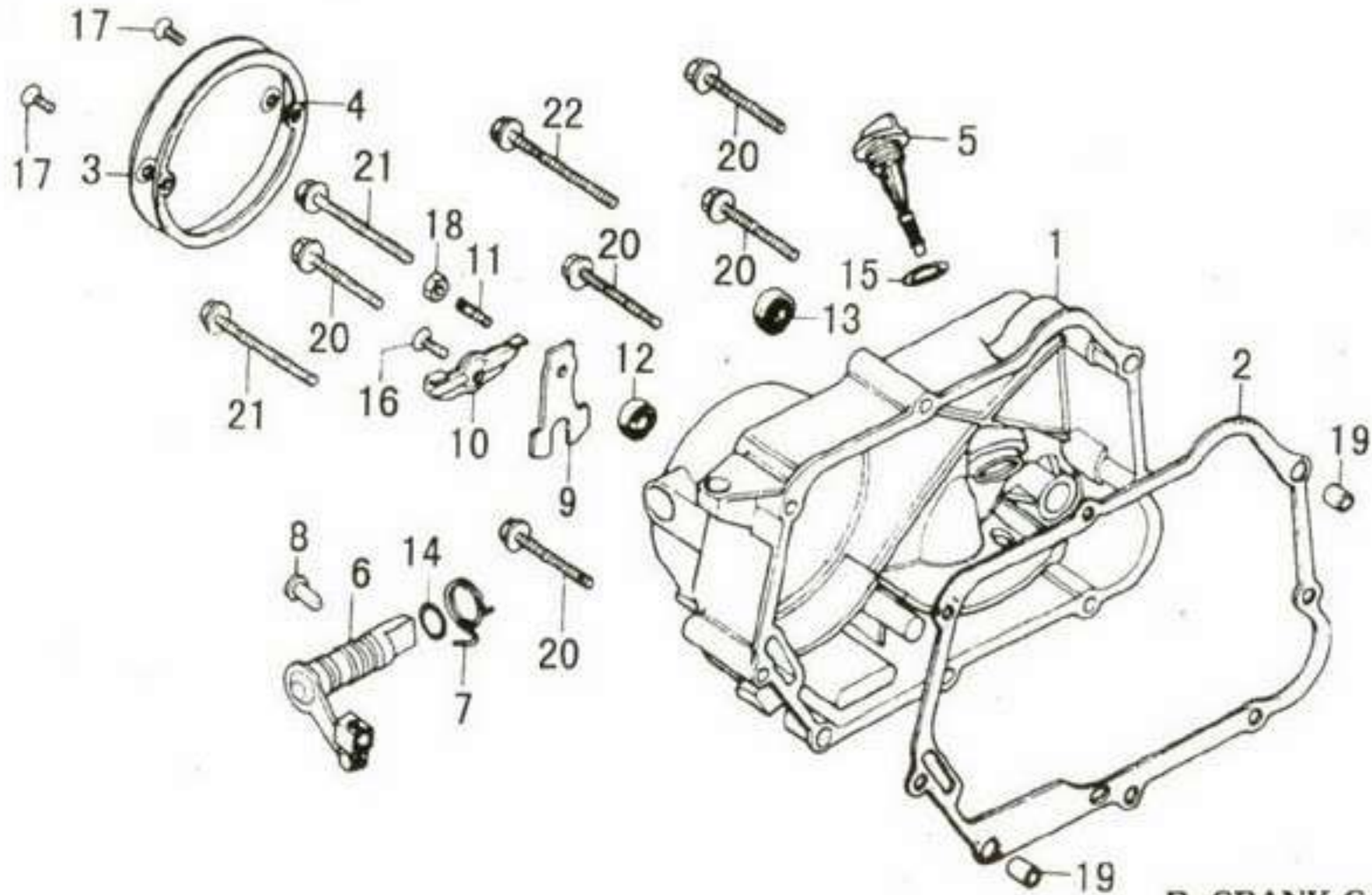
## CAM CHAIN/TENSIONER

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332951004100	Time Driven Sproket	1	21.			
2.	332951004200	Chain, Rolling	1	22.			
3.	332951004300	Tensioner Arm Comp, Chain	1	23.			
4.	332951004400	Rolling Gear, Chain Tensioner	1	24.			
5.	332951004500	Shaft, Chain Tensioner	1	25.			
6.	332951004600	Spring, Chain Tensioner Rod	1	26.			
7.	332951004700	Chain Tensioner Rod Comp	1	27.			
8.	332951004800	End, Tensioner Rod	1	28.			
9.	332951004900	Rolling Wheel Comp, Chain	1	29.			
10.	332951005000	Pin Shaft	1	30.			
11.	332951005100	Drive Sprocket Comp, Oil Pump	1	31.			
12.	332951005200	Sprocket Shaft, Oil Pump	1	32.			
13.	332951005300	Plug, Seal	1	33.			
14.	332951005400	Bolt	3	34.			
15.	332951005500	Washer	1	35.			
16.	332951005600	Washer	1	36.			
17.	332951005700	Washer	1	37.			
18.	332951005800	Bolt	1	38.			
19.				39.			
20.				40.			



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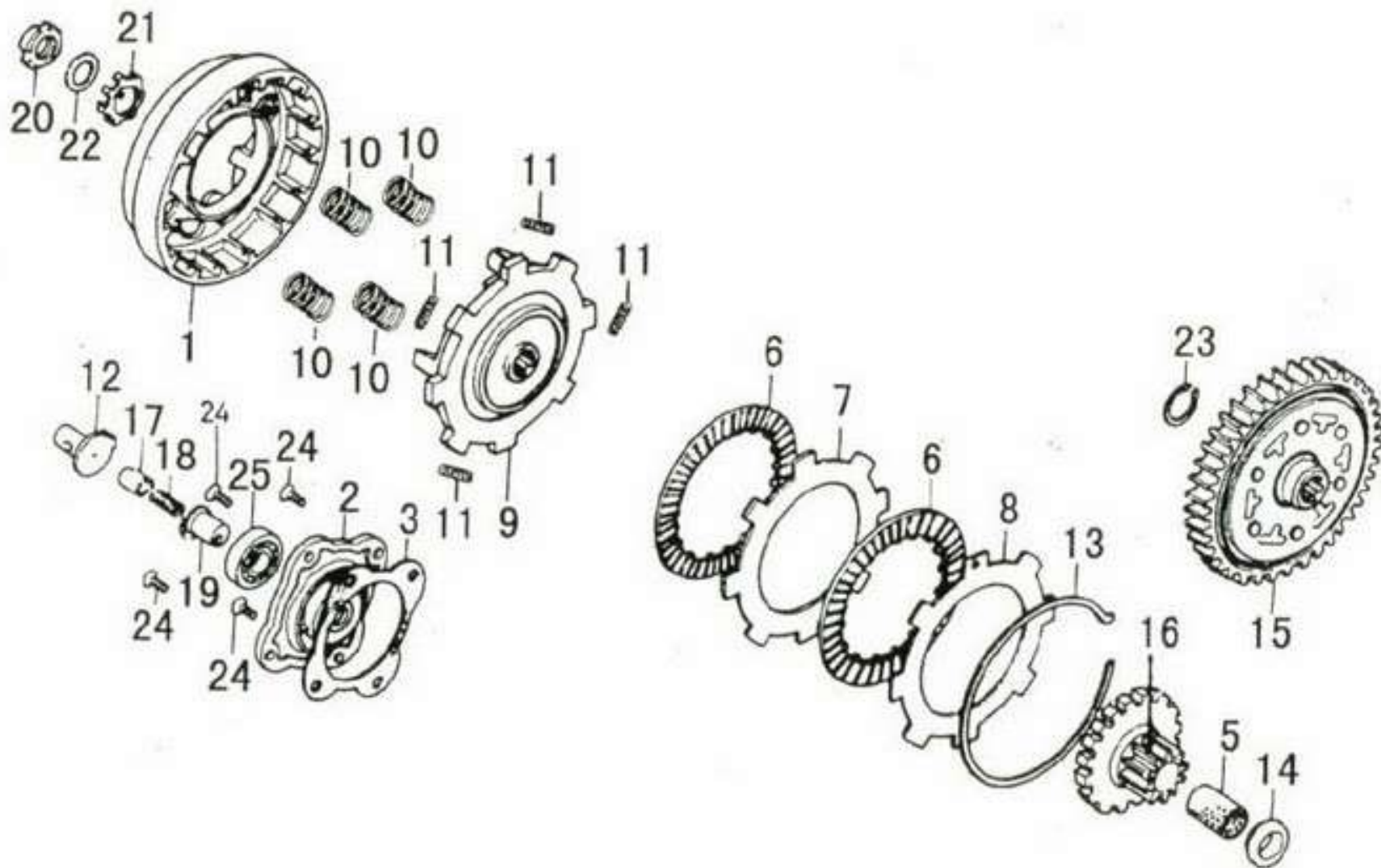
R. CRANK CASE COVE

## R. CRANK CASE COVER

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332951001900	R. Crank Case Cover	1	21.	332951003900	Bolt M6 x 55	2
2.	332951002000	Gasket, R. Crank Case Cover	1	22.	332951004000	Bolt M6 x 65	1
3.	332951002100	Cover Clutch	1	23.			
4.	332951002200	Gasket Clutch	1	24.			
5.	332951002300	Oil Fuler	1	25.			
6.	332951002400	Cam Shaft Comp Clutch	1	26.			
7.	332951002500	Spring, Cam Shaft, Clutch	1	27.			
8.	332951002600	Pin, Dowel, Cam Shaft	1	28.			
9.	332951002700	Plate Clutch	1	29.			
10.	332951002800	Pressing Plate, Clutch	1	30.			
11.	332951002900	Adjuster Screw	1	31.			
12.	332951003000	Oil Seal 14 x 24 x 5	1	32.			
13.	332951003100	Oil Seal	1	33.			
14.	332951003200	O - Ring	1	34.			
15.	332951003300	O - Ring 18 x 3	1	35.			
16.	332951003400	Screw M6 x 16	1	36.			
17.	332951003500	Screw M5 x 12	2	37.			
18.	332951003600	Nut	1	38.			
19.	332951003700	Pin, Dowel	2	39.			
20.	332951003800	Bolt M6 x 40	5	40.			

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CLUTCH

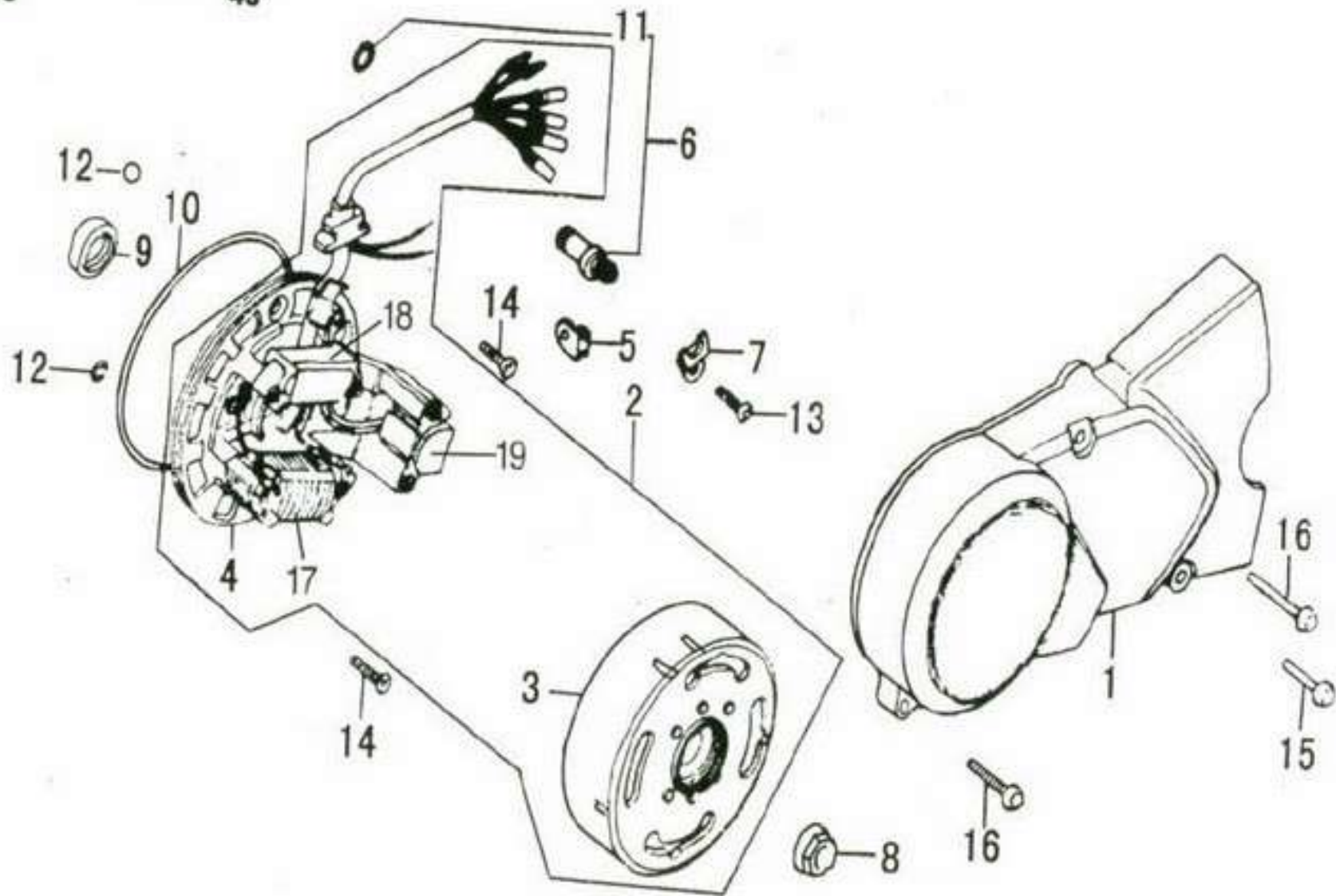


## CLUTCH

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332954000100	Outer Cover, Clutch	1	22.	332954002100	Washer, Disk	1
2.	332954000200	Terminal Cover, Clutch	1	23.	332954002200	Ring	1
3.	332954000300	Gasket	1	24.	332954002300	Screw	4
5.	332954000400	Shaft Casement	1	25.	332954002400	Bearing	1
6.	332954000500	Friction Plate	2	26.			
7.	332954000600	Under Plate, Clutch	1	27.			
8.	332954000700	Upper Plate, Clutch	1	28.			
9.	332954000800	Main Plate	1	29.			
10.	332954000900	Spring	4	30.			
11.	332954001000	Damper Spring, Clutch	4	31.			
12.	332954001100	Pushing Rod, Clutch	1	32.			
13.	332954001200	Elastic Washer	1	33.			
14.	332954001300	Grommet	1	34.			
15.	332954001400	Driven Gear Comp	1	35.			
16.	332954001500	Drive Gear	1	36.			
17.	332954001600	Oil Through	1	37.			
18.	332954001700	Spring, Through	1	38.			
19.	332954001800	Pipe, Oil Through	1	39.			
20.	332954001900	Round Nut	1	40.			
21.	332954002000	Stopper Washer	1	41.			

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L. CRANK CASE COVER/MAGNET

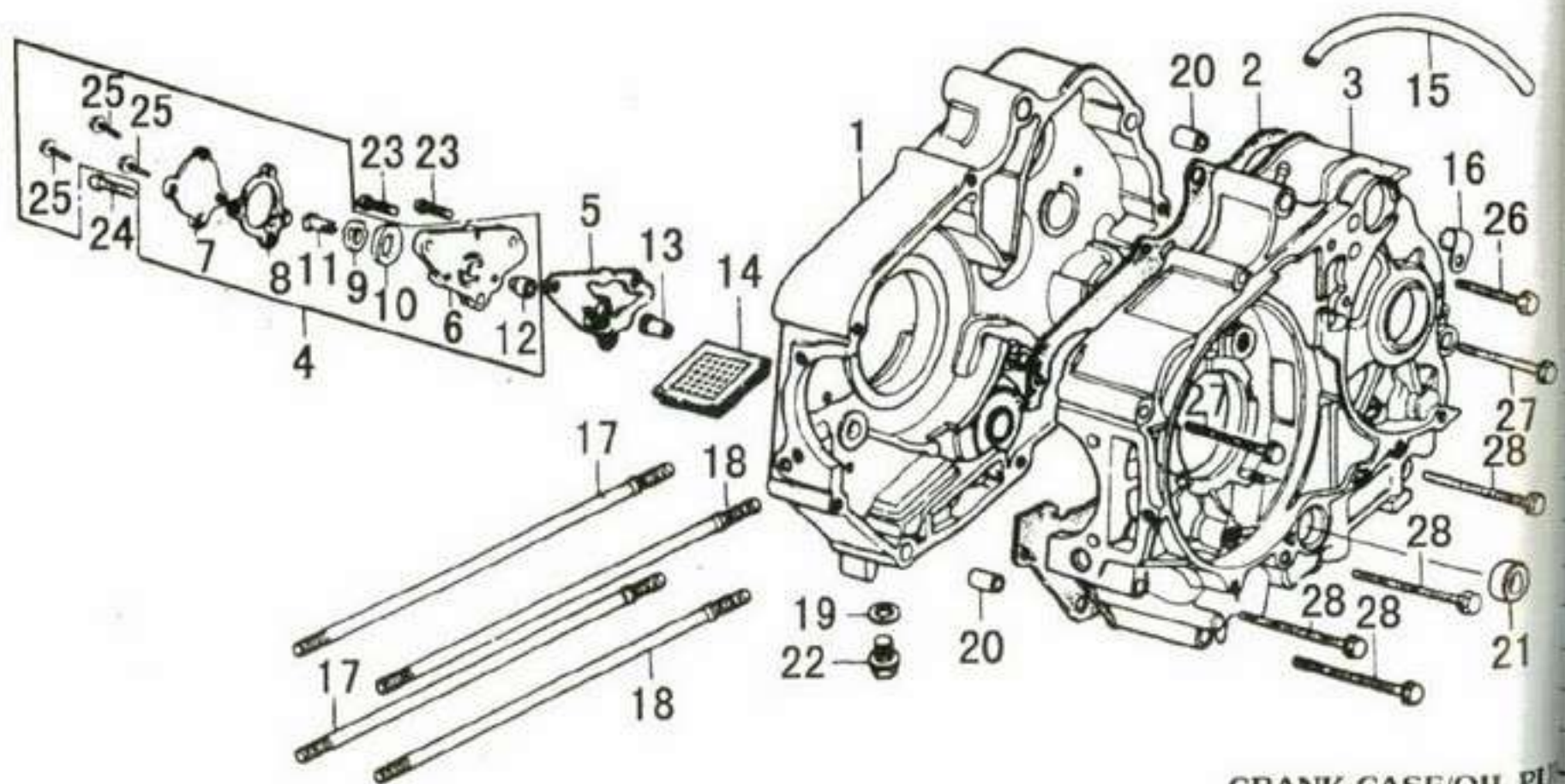
## L. CRANK CASE COVER/MAGNETO

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332955000100	L. Crank Case/Cover	1	21.			
2.	332955010000	Magneto	1	22.			
3.	332955010100	Flywheel	1	23.			
4.	332955010200	Stator Comp	1	24.			
5.	332955000200	Insulating Plate, Neutral Gear	1	25.			
6.	332955000300	Neutral Gear Switch	1	26.			
7.	332955000400	Press Plate, Neutral Switch	1	27.			
8.	332955000500	Nut, Hex	1	28.			
9.	332955000600	Oil Seal	1	29.			
10.	332955000700	O - Ring	1	30.			
11.	332955000800	O - Ring	1	31.			
12.	332955000900	O - Ring	2	32.			
13.	332955001000	Screw	1	33.			
14.	332955001100	Screw	2	34.			
15.	332955001200	Bolt	1	35.			
16.	332955001300	Bolt	2	36.			
17.	332955010300	Lighting Coil	1	37.			
18.	332955010400	Ignition Coil	1	38.			
19.	332955010500	Pulser Coil	1	39.			
20.				40.			



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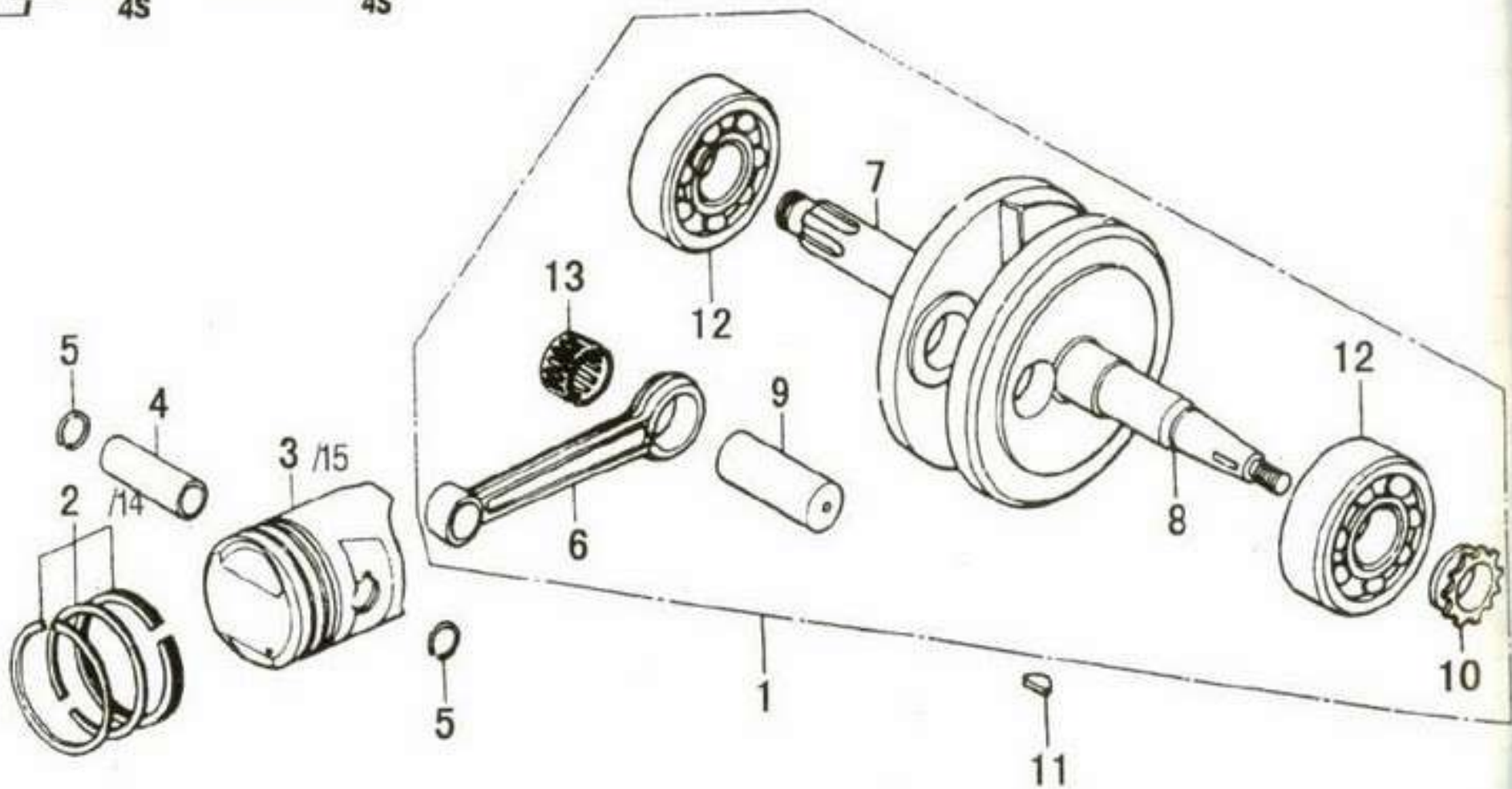
CRANK CASE/OIL PU

## CRANK CASE/OIL PUMP

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332951000100	R. Crank Case Comp	1	21.	332951001200	Oil - Seal	1
2.	332951000200	Gasket	1	22.	332951001300	Releasing Screw, Oil	1
3.	332951000300	L. Crank Case Comp	1	23.	332951001400	Screw M6 x 16	2
4.	332951020000	Oil Pump Comp	1	24.	332951001500	Screw M6 x 22	1
5.	332951011700	Gasket, Oil Pump	1	25.	332951020100	Screw M5 x 10	3
6.	332951020200	Oil Pump	1	26.	332951001600	Bolt M6 x 50	1
7.	332951020300	Cover, Oil Pump	1	27.	332951001700	Bolt M6 x 60	2
8.	332951020400	Gasket	1	28.	332951001800	Bolt M6 x 65	4
9.	332951020500	Inner Rotor Pump	1	29.			
10.	332951020600	Outer Rotor Pump	1	30.			
11.	332951020700	Oil Pump Shaft	1	31.			
12.	332951020800	Bush Pump	1	32.			
13.	332951000400	Bush, Sprocket	1	33.			
14.	332951000500	Filter Screen, Oil	1	34.			
15.	332951000600	Air Pipe	1	35.			
16.	332951000700	Clip, Pipe	1	36.			
17.	332951000800	Bolt A, Stud	2	37.			
18.	332951000900	Bolt B, Stud	2	38.			
19.	332951001000	Washer	1	39.			
20.	332951001100	Pin	2	40.			

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CRANK SHAFT/PISTON

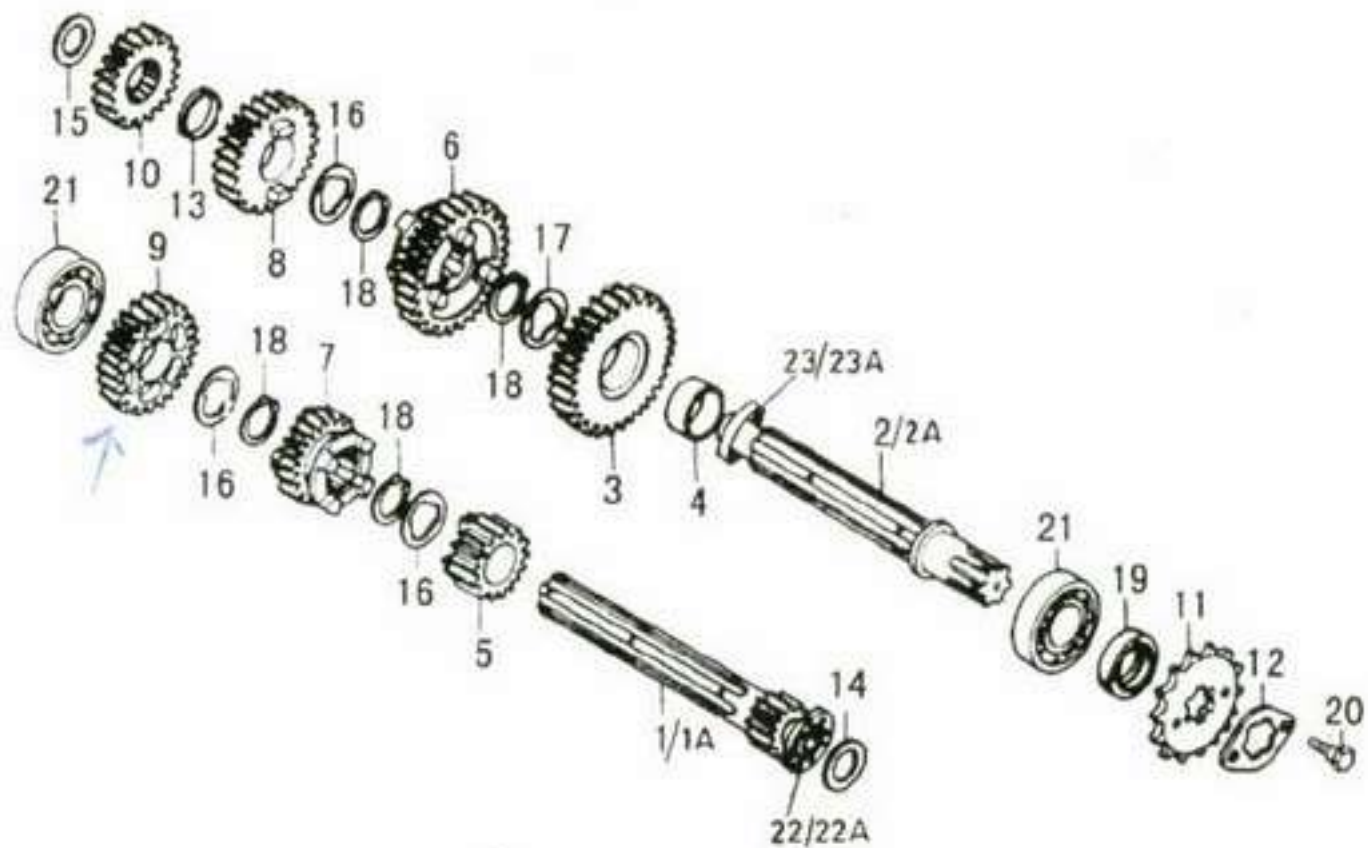


## CRANK SHAFT/PISTON

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332952010000	Crank Shaft Rod	1	21.			
2.	332952000100	Piston Ring 1	1 SET	22.			
3.	332952000200	Piston (STD)	1	23.			
4.	332952000300	Pin, Piston	1	24.			
5.	332952000400	Circlip, Piston	2	25.			
6.	332952010100	Rod	1	26.			
7.	332952010200	R. Crank Column	1	27.			
8.	332952010300	L. Crank Column	1	28.			
9.	332952010400	Pin	1	29.			
10.	332952010500	Time Drive Gear	1	30.			
11.	332952000500	Key, Semi-Round	1	31.			
12.	332952010600	Bearing	2	32.			
13.	332952010700	Needle Bearing	1	33.			
14.	332952000700	Piston Rings	1 Set	34.			
15.	332952000600	Piston	1	35.			
16.				36.			
17.				37.			
18.				38.			
19.				39.			
20.				40.			

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MAIN SHAFT/COUNTER SHAFT

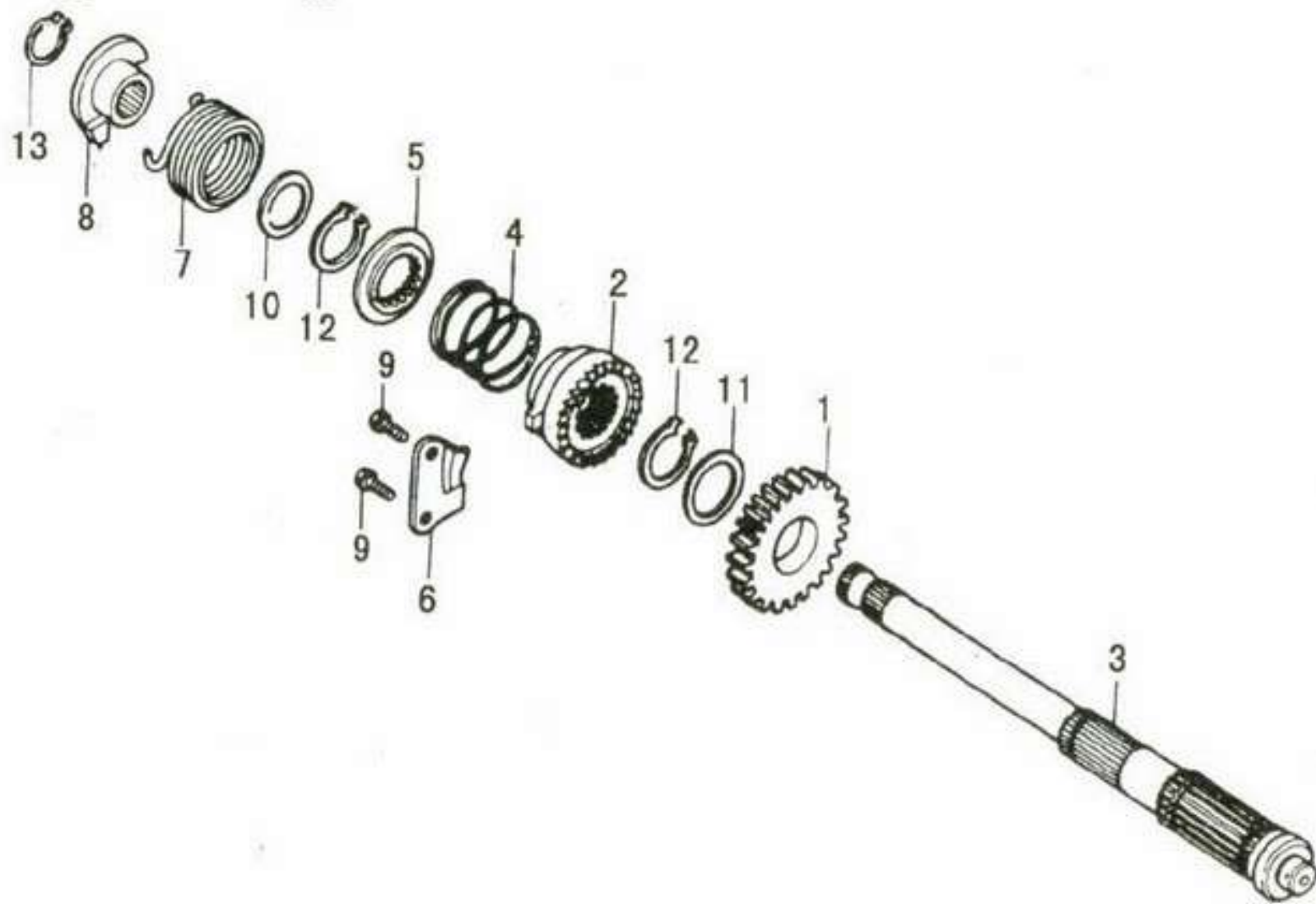
## MAIN SHAFT/COUNTER SHAFT

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332951005900	Transmission Shaft, Main	1	19.	332951007700	Oil - Seal	1
1A	332951021300	Transmission Shaft, Main	1	20.	332951007800	Bolt M6 x 8	2
2.	332951006000	Transmission Shaft, Counter	1	21.	332951007900	Bearing 203	2
2A	332951021400	Transmission Shaft, Counter	1	22.	332951020900	Needle Bearing 14x20x12	1
3.	332951006100	Gear	1	22A	332951021200	Ball Bearing (6001)-P6	1
4.	332951006200	Collar	1	23.	332951021000	Needle Bearing 13.5x20x12	1
5.	332951006300	Gear	1	23A	332951021100	Ball Bearing (6201)-P6	1
6.	332951006400	Driven Gear, Spline	1				
7.	332951006500	Drive Gear, Spline	1			□ Used with Item No. 22	
8.	332951006600	Gear	1			(Needle Bearing 14x20x12)	
9.	332951006700	Gear	1			* Used with Item No. 22 A	
10.	332951006800	Gear, Spline	1			(Ball Bearing (6001)-P6	
11.	242909000100	Drive Sprocket	1			▲ Used with Item No. 23	
12.	332951007000	Fixing Plate, Drive Sprocket	1			(Needle Bearing 13.5x20x12)	
13.	332951007100	Washer	1			● Used with Item No. 23 A	
14.	332951007200	Stopper Washer	1			(Ball Bearing (6201)-P6	
15.	332951007300	Stopper Washer	1				
16.	332951007400	Washer, Spline	3				
17.	332951007500	Washer, Spline	1				
18.	332951007600	Circlip	4				



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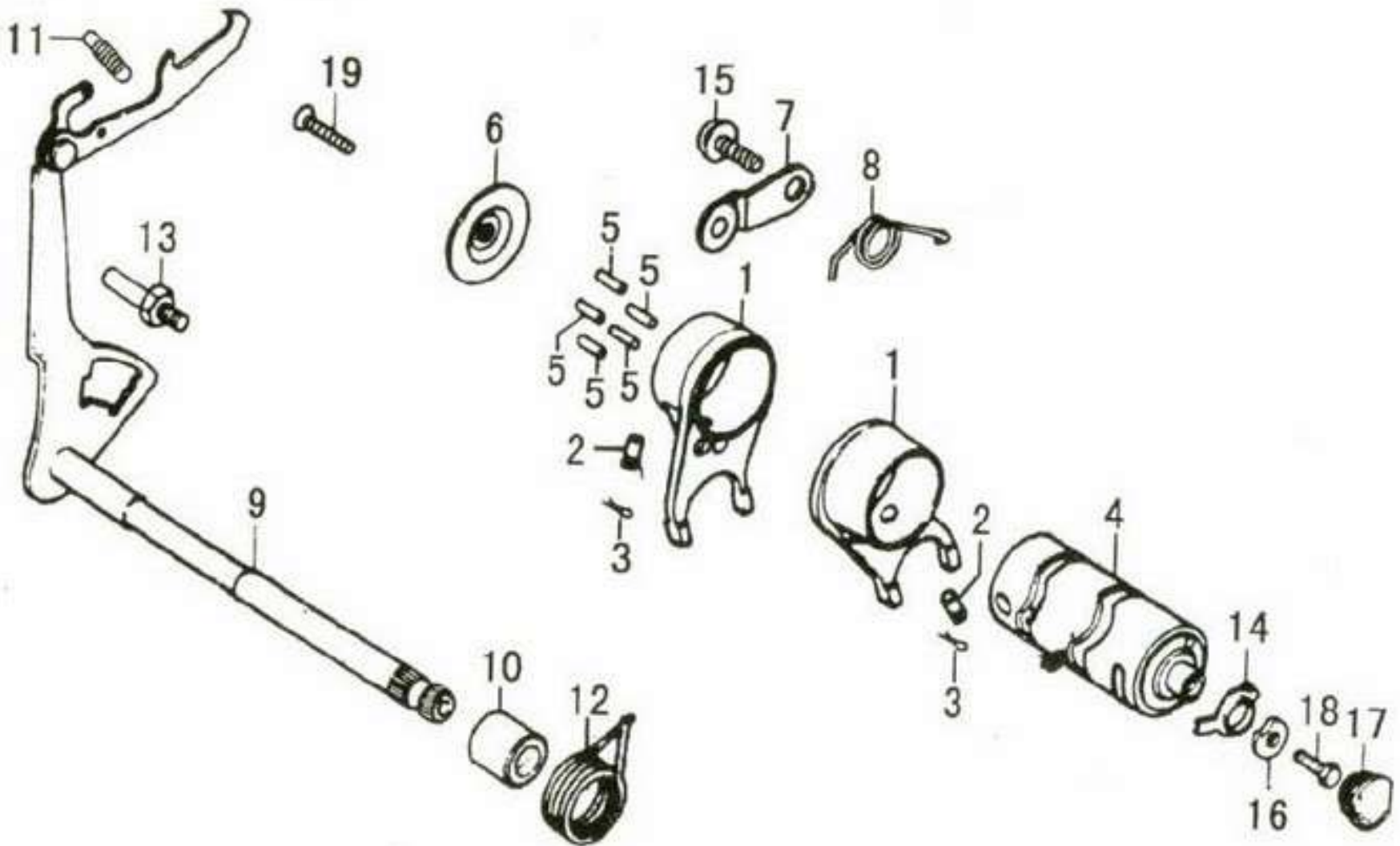
STARTER UN

## STARTER UNIT

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332951008000	Starter Gear	1	21.			
2.	332951008100	Starter Ratchet	1	22.			
3.	332951008200	Starter Shaft	1	23.			
4.	332951008300	Spring	1	24.			
5.	332951008400	Spring Seat, Ratchet	1	25.			
6.	332951008500	Guide, Ratchet	1	26.			
7.	332951008600	Return Spring, Starter Shaft	1	27.			
8.	332951008700	Spring Holder, Starter Shaft	1	28.			
9.	332951008800	Bolt M6 x 20-Q	2	29.			
10.	332951008900	Washer	1	30.			
11.	332951009000	Washer	1	31.			
12.	332951009100	Washer	2	32.			
13.	332951009200	Washer	1	33.			
14.				34.			
15.				35.			
16.				36.			
17.				37.			
18.				38.			
19.				39.			
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GEAR SHIFT UN

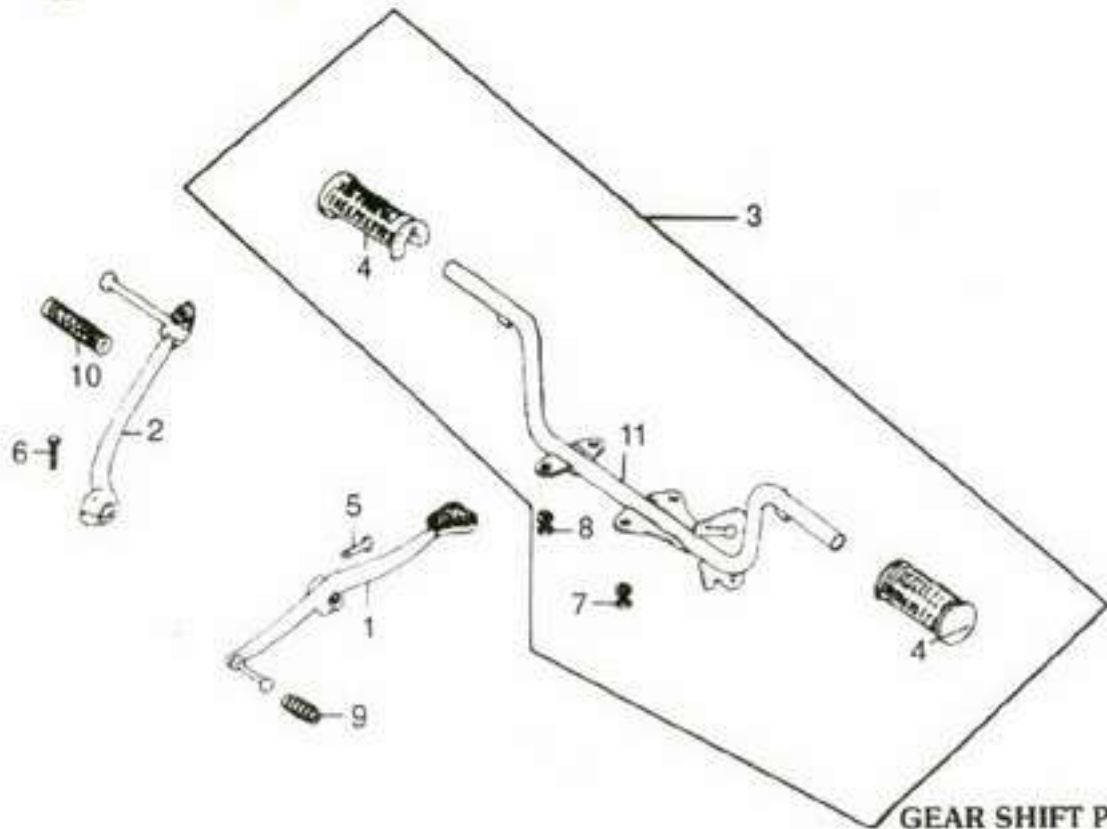


## GEAR SHIFT UNIT

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332951009600	Fork, Gear	2	21.			
2.	332951009700	Pin	2	22.			
3.	332951009800	Spring Clip	2	23.			
4.	332951009900	Gear Shift Drum	1	24.			
5.	332951010000	Pin, Fixing Plate	5	25.			
6.	332951010100	Washer, Gear Shift	1	26.			
7.	332951010200	Fixing Plate, Gear Shift	1	27.			
8.	332951010300	Spring, Fixing Plate	1	28.			
9.	332951010400	Gear Shift Arm Comp	1	29.			
10.	332951010500	Collar	1	30.			
11.	332951010600	Spring	1	31.			
12.	332951010700	Spring	1	32.			
13.	332951010800	Fixing Bolt	1	33.			
14.	332951010900	Joint, Neutral Gear	1	34.			
15.	332951011000	Bolt, Fixing Screw	1	35.			
16.	332951011100	Washer	1	36.			
17.	332951011200	Rubber Plug	1	37.			
18.	332951011300	Bolt	1	38.			
19.	332951011400	Screw	1	39.			
20.				40.			

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GEAR SHIFT PEDAL/FOOT RES

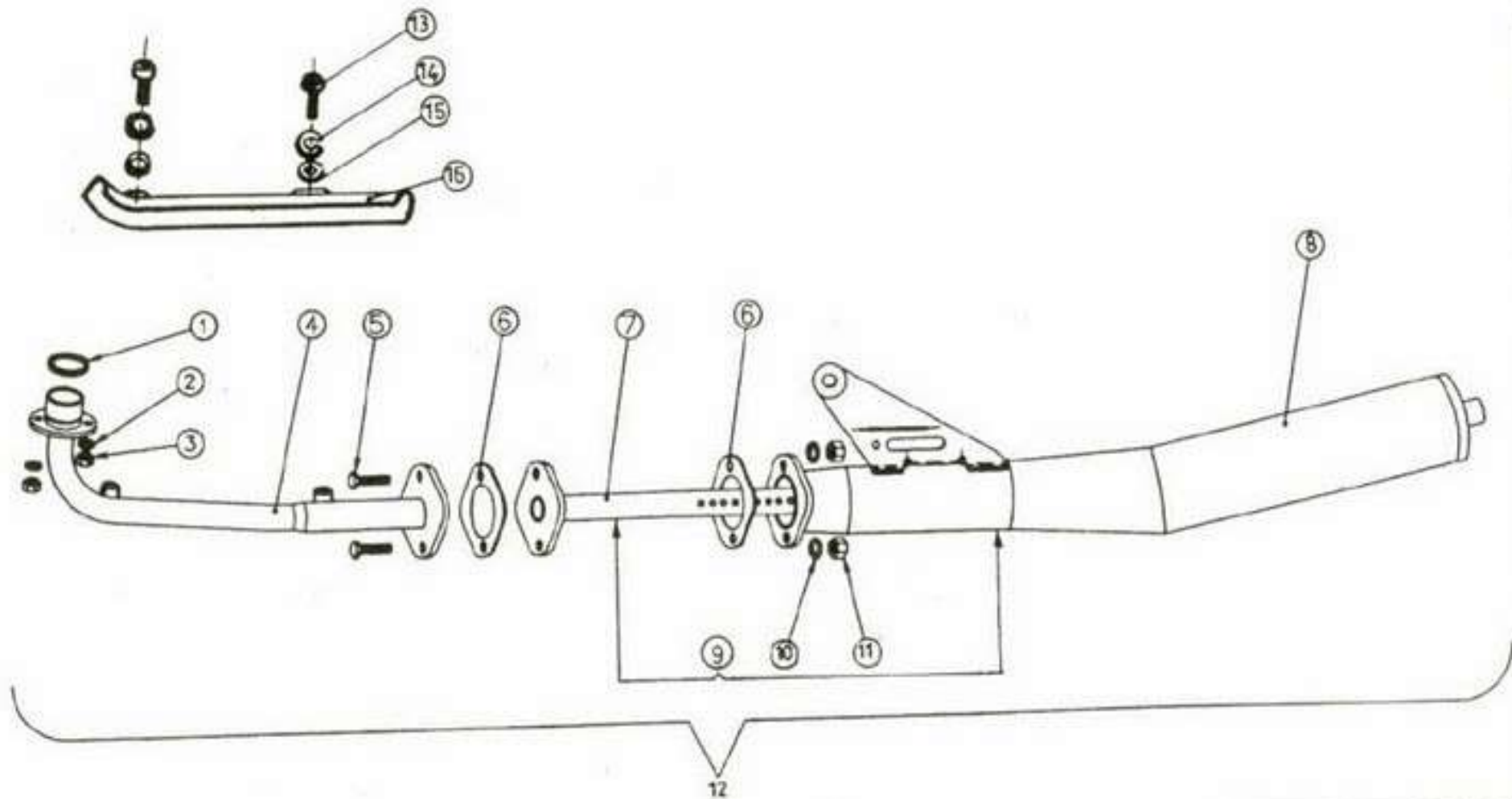
## GEAR SHIFT PEDAL/FOOT REST

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	332924000100	Gear Shift Pedal Comp	1	21.			
2.	332924000200	Starting Arm	1	22.			
3.	002924020000	Foot Rest Comp	1	23.			
4.	171624110100	Rubber - Foot Rest	2	24.			
5.	332924000300	Bolt	1	25.			
6.	332924000400	Bolt	1	26.			
7.	215186821600	HEX Screw M8 x 16	4	27.			
8.	216108201100	Spring Washer	4	28.			
9.	332924000500	Grip, Gear Shift	1	29.			
10.	332924000600	Rubber Grip, Starting Arm	1	30.			
11.	002924010000	Rider Foot Rest Welded	1	31.			
12.				32.			
13.				33.			
14.				34.			
15.				35.			
16.				36.			
17.				37.			
18.				38.			
19.				39.			
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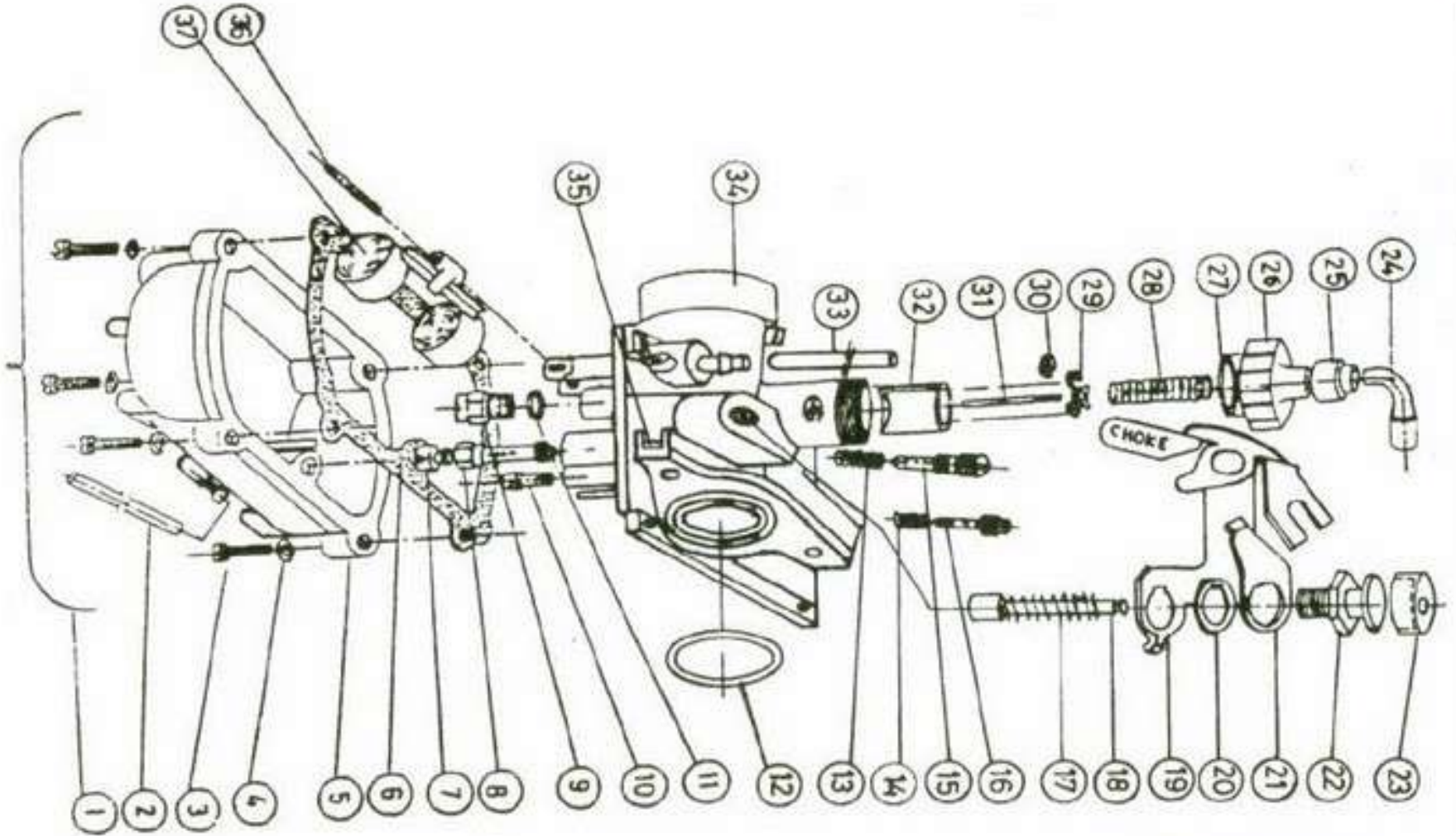
SILENCER ASSEMBLY

## SILENCER ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	192957000100	Gasket Silencer	1	19.			
2.	216106201100	Spring Washer B6	2	20.			
3.	216065820100	HEX. Nut M6 x 1	2	21.			
4.	002957020000	Pipe Comp. Exhaust	1	22.			
5.	215165822500	HEX. Screw M6 x 25	2	23.			
6.	191657320100	Gasket	2	24.			
7.	003157020000	Dampening Tube - Welded	1	25.			
8.	002957030000	Silencer Shell Assy.	1	26.			
9.	003157030000	Silencer Shell Assy. with		27.			
		Dampening Tube (Item 7 & 8)	1	28.			
10.	216106201100	Spring Washer B6	2	29.			
11.	216065820100	HEX. Nut M6 x 1	2	30.			
12.	003157010000	Silencer Assy. (Excluding Items 1, 2 & 3)	1	31.			
13.	369061010700	Cross Recessed Pan Hd.		32.			
		Screw M5 x 7	2	33.			
14.	216105201100	Spring Washer B5	2	34.			
15.	216105100100	Punched Washer A5.5	2	35.			
16.	243157010100	Cover-Exhaust Pipe	1	36.			
17.				37.			
18.				38.			

HERO  
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4S

HERO  
**Panther**  
4S



CARBURETTOR ASSY.



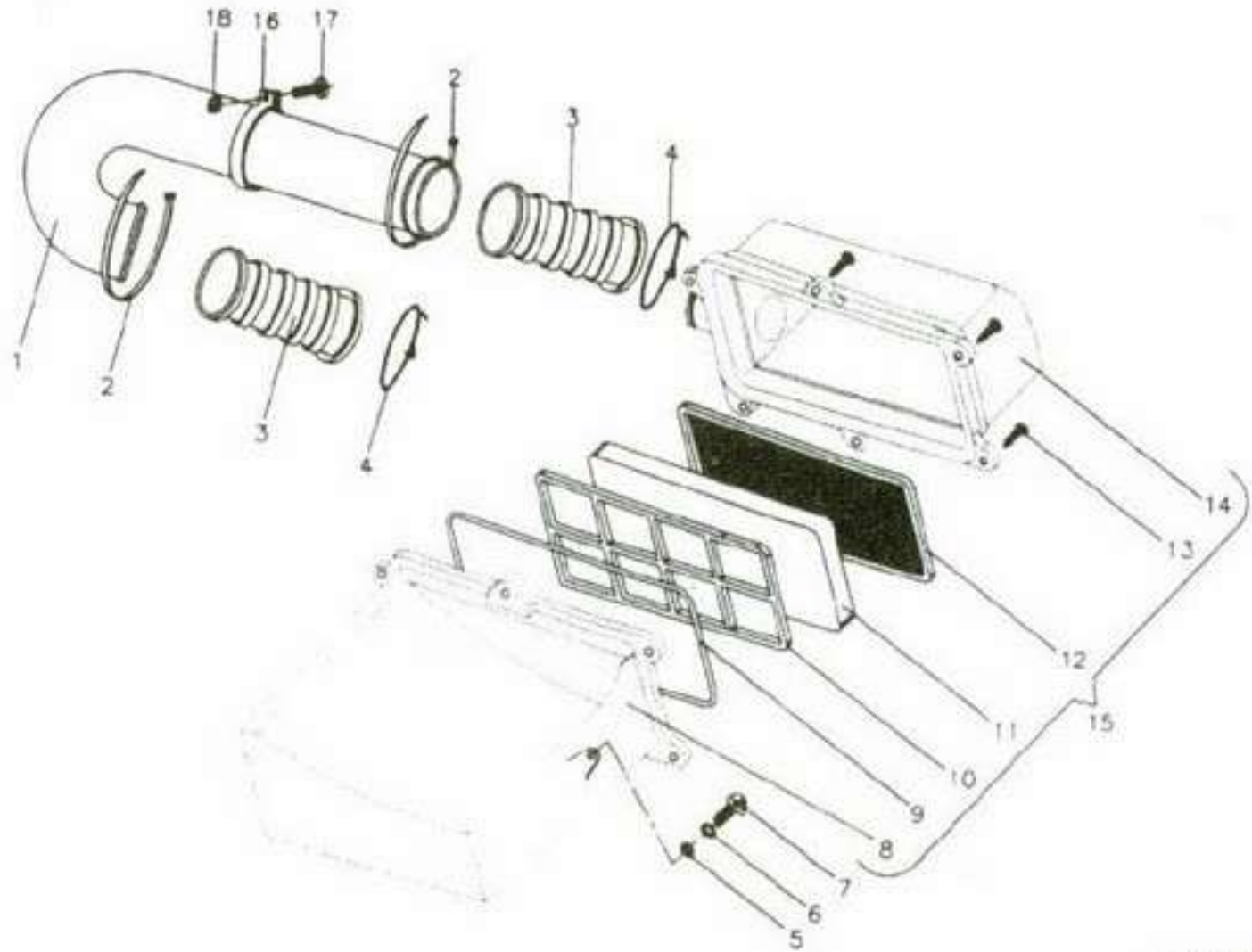
## CARBURETTOR ASSY. 4S

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.*	002959020000	Carburettor Assy.	1	21.	332959020200	St. Washer	1
2.	332959021800	Tube Over Flow	1	22.	332959020700	Guide Holder	1
3.	331159022200	F.C.B. Screw (M4 x 18)	4	23.	332959020600	Cap Plunger	1
4.	216104201100	Spring Washer B4	4	24.	292959000100	Cable Deflector	1
5.	332959022000	F.C. Body Assy.	1	25.	331659131200	Cap M.C. Top	1
6.	332959022300	Gasket F.C.B.	1	26.	331659131300	M.C. Top	1
7.	332959022600	Main Jet # 85	1	27.	331159022800	Packing Top	1
8.	332959022400	Needle Jet E2G (LTW)	1	28.	332959021600	Throttle Spring	1
9.	332959022100	Needle Valve Assy.	1	29.	332959021300	Spring Plate/Circlip	1
10.	331659130500	Pilot Jet # 10	1	30.	331159020700	Spring Clip	1
11.	331159022700	Packing Valve Seat	1	31.	332959022500	Jet Needle 4L-2	1
12.	332959022200	'O' Ring	1	32.	332959021500	Piston Valve CA 3.0	1
13.	331159020800	Spring	1	33.	332959021700	Tube Air Vent	1
14.	331159020800	Spring	1	34.	332959021900	M.C. Body Assy.	1
15.	332959021400	Throttle Adjuster	1	35.	332959020300	Nut (M6 x 1)	2
16.	331159020900	Air Screw (Adjuster)	1	36.	332959022700	Flot Hinge Pin	1
17.	332959020800	Plunger Spring	1	37.	331159020200	Float Assy.	1
18.	332959020900	St. Plunger Assy.	1	38.			
19.	332959020100	Lever Assy.	1	39.			
20.	331159022800	Tab Washer	1	40.			

\*without cable deflector (S. No. 24)

HERO  
**STALLION**  
4S

HERO  
**Panther**  
4S



## AIR FILTER ASSY.

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1.	182959011000	Bend Pipe Air Filter	1	21.			
2.	181659150300	Cable Tie	2	22.			
3.	172959010500	Hose-Air Filter	2	23.			
4.	202959000200	Clamp-Hose-Air-Filter	2	24.			
5.	216106100100	Punched Washer A6.6	2	25.			
6.	216106201100	Spring Washer B6	2	26.			
7.	215365611400	Ch. Hd. Screw M6 x 14	2	27.			
8.	182959010100	Air Filter Body	1	28.			
9.	172959010600	Rubber Packing	1	29.			
10.	182959010300	Air Filter Cage	1	30.			
11.	172959010400	Air Filter Foam	1	31.			
12.	342959010800	Support Air Filter Foam	1	32.			
13.	364400120200	Tapping Screw AB 4 x 13L	6	33.			
14.	182959010200	Air Filter Cover	1	34.			
15.	002959040000	Air Filter Assy.	1	35.			
16.	242959000400	Clamp	2	36.			
17.	215343612500	Ch. Hd. Screw M4x25	2	37.			
18.	360107001300	Sq. Nut Spl.	2	38.			
19.				39.			
20.				40.			