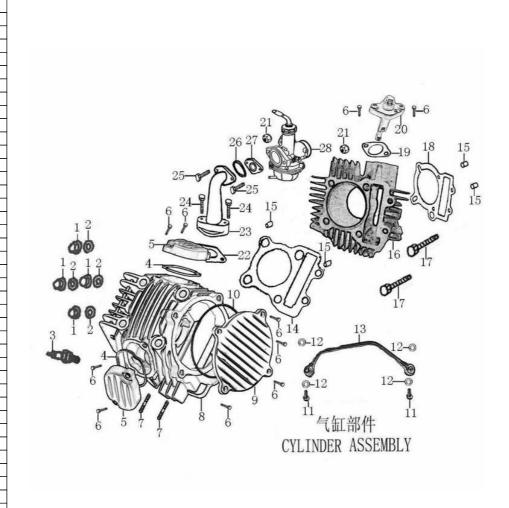
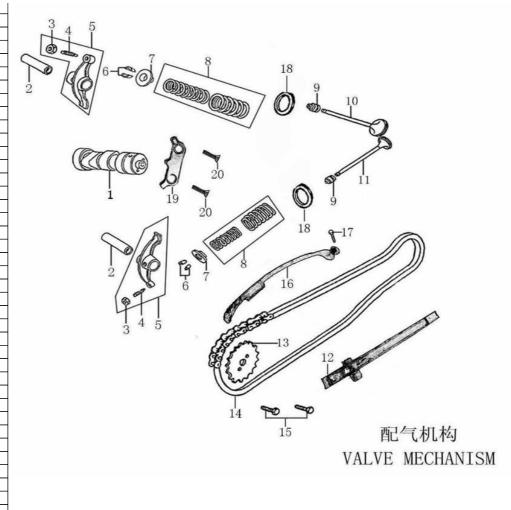
		ZS160 HO CYLINDER ASSY	
#	PART NO	DESCRIPTION	QTY.
1	91201-I006-00000X	NUT M8	4
2	93301-80852018000	WASHER 8.5×2.2×18	4
3	81300-G011-0000	SPARK PLUG (A7TC)	1
4	90104-JE15-0000	LIFTER ASSY	2
5	11230-JE15-00000W	CYLINDER HEAD COMP	2
6	B166740A06001870X	BOLT M6×18	10
7	91138-MA21-00000X	STUD M8×45	2
8	1122B-JE15-00000W	CYLINDER HEAD ASSEMBLY	1
9	11227-JE15-00000W	L.COVER	1
10	90122-JE15-0000	GASKET, L.COVER	1
11	91107-PE03-00000X	BOLT M8×23	2
12	93301-80821014000	WASHER 8.2×1×14	4
13	19305-JE15-0000	VITTA	1
14	9022B-JE15-0000	GASKET ASSEMBLY, CYLINDER HEAD	1
15	91521-10001400000	PIN 10×14	4
16	1110B-JE15-000182	ASSEMBLY, CYLINDER BLOCK	1
17	B166740A06010570X	BOLT M6×105	2
	90205-JE15-0000	GASKET,CYLINDER BLOCK	1
19	90211-JE15-0000	INLET PIPE (JQ-9L)	1
	1554B-JE15-0000	GASKET, INLET PIPE	1
	B061700006000090X	NUT M6	2
	15810-I096-0000	GASKET, INLET PIPE	1
	15800-JE15-0100	ASSEMBLY, INLET PIPE(JQ-9L)	1
	B057830006002570X	BOLT M6×25	2
	B057830006003070X	BOLT M6×30	2
	90101-10290000240	O-RING 29×2.4	1
	90214-I096-0000	GASKET, CARBURETOR	1
	17100-0000-0078	CARBURETOR	1
29	17100-0000-0070	CARBURLION	1
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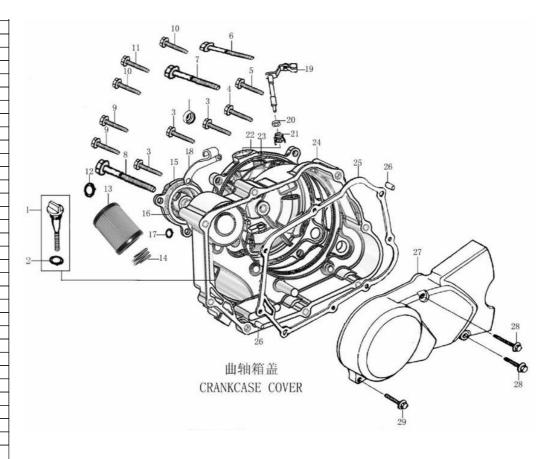


l	78	5160 HO VALVE MECHANISM	
#	PART NO	DESCRIPTION	QTY.
1	15100-JE15-0000	CAMSHAFT PARTS	1
2	15402-JE15-0000	SHAFT, VALVE ROCKER ARM	2
3	15403-D002-0000	ADJUSTING NUT, VALVE CLEARANCE	2
4	15404-D002-0000	ADJUSTING SCREW, VALVE CLEARANCE	2
5	1540A-D002-0000	ASSEMBLY, VALVE ROCKER ARM	2
6	15707-JE15-0000	VALVE COTTER	4
7	15705-JE15-0000	RETAINER, VALVE SPRING	2
8	15710-JE15-0000	VALVE INNER SPRING	2
9	1572B-I008-0000	VALVE STEM SEAL ASSEMBLY	2
10	15701-JE15-0000	INLET VALVE	1
11	15702-JE15-0000	EXHAUST VALVE	1
12	1553A-JE15-0000	GUIDE PLATE CHAIN	1
13	15301-JE15-0000	TIMING DRIVEN SPROCKET (32)	1
14	1532B-JE15-0000	ASSEMBLY, TIMING CHAIN (90)	1
15	B057830006001270X	BOLT M6×12	2
16	1552A-JE15-0000	WASHER 8.5×1.5×14 (ALUMINIUM)	1
17	91109-JE15-00000N	PIN SHAFT, GUIDE ROLLER(M8×27.5)	1
18	15706-D002-0000	RETAINER, VALVE SPRING	2
19	15108-JE15-0000	BAFFLE	1
20	B008190106001220B	BLOT M6×12	2
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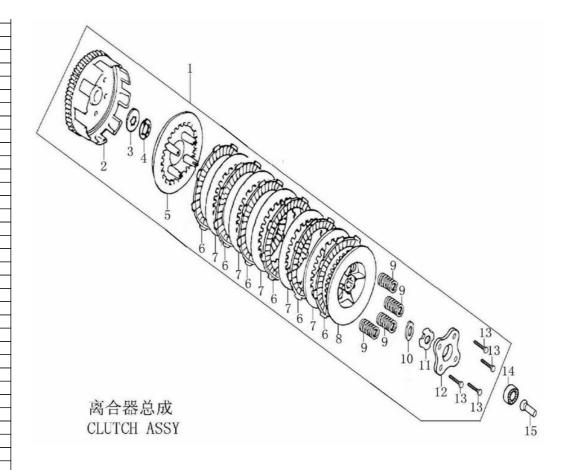
	ZS160 HO CRANKCASE COVER			
#	PART NO	DESCRIPTION	QTY.	
1	14301-G011-0000	DIPSTICK	1	
2	90101-10180000300	O-RING 18×3	1	

3	B166740A06004070X	BOLT M6×40	3
4	B166740A06004570X	BOLT M6×45	1
5	B166740A06006570X	BOLT M6×65	1
6	B166740A06009070X	BOLT M6×90	1
7	B166740A06009570X	BOLT M6×95	1
8	B166740A060012570X	BOLT M6×125	1
9	B166740A06001670X	BOLT M6×16	2
10	B166740A06003270X	BOLT M6×32	2
11	B166740A06002070X	BOLT M6×20	1
12	90101-20050000180	O-RING 5×1.8	1
13	14210-I038-0000	OIL FILTER	1
14	12403-I038-0000	SPRING, OIL FINE FILTER	1
15	12402-JZ28-00000W	CAP, OIL FILTER	1
16	90101-10440000250	O-RING 44×2.5	1
17	90101-10065000180	O-RING 6.5×1.8	1
18	22422-JA16-00000X	STEEL BRACKET, CLUTCH	1
19	12421-JE15-000089	ASSEMBLY, RIGHT CRANK CASE COVER	1
20	22427-I016-0000	SPRING, CONTROLLING ARM, CLUTCH	1
21	90306-I016-0000	OIL SEAL 12×18×5	1
22	12425-JZ28-00000W	DECORATE COVER,R.CRANKCASE COVER	1
		/	
23	90105-JZ28-0000	RING	1
	90105-JZ28-0000 1222B-JE15-00000W	RING RIGHT CRANKCASE BLOCK	1
24		RING RIGHT CRANKCASE BLOCK GASKET, R.CRANKCASE COVER	
24 25	1222B-JE15-00000W	RIGHT CRANKCASE BLOCK	1
24 25 26	1222B-JE15-00000W 90206-JE15-0000	RIGHT CRANKCASE BLOCK GASKET,R.CRANKCASE COVER	1
24 25 26 27	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063	RIGHT CRANKCASE BLOCK  GASKET ' R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE	1 1 2
24 25 26 27 28	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089	RIGHT CRANKCASE BLOCK GASKET , R.CRANKCASE COVER DOWEL PIN 8×12×6.3	1 1 2 1
24 25 26 27 28	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35 36	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35 36 37	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	1222B-JE15-00000W 90206-JE15-0000 91521-08001200063 12306-G007-000089 B166740A06003570X	RIGHT CRANKCASE BLOCK  GASKET * R.CRANKCASE COVER  DOWEL PIN 8×12×6.3  SIDE COVER, LEFT CRANKCASE  BOLT M6×35	1 1 2 1 2



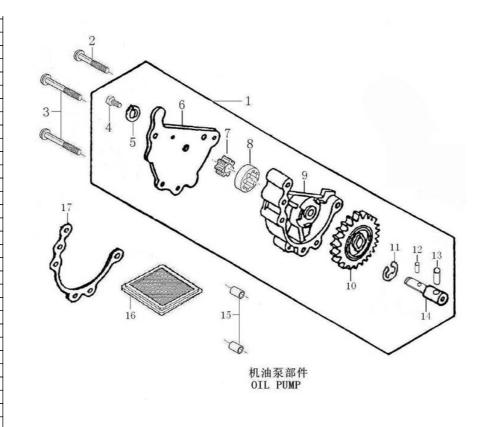
	ZS160 HO CLUTCH ASSY			
#	PART NO	DESCRIPTION	QTY.	
1	22000-JZ28-0000	CLUTCH ASSEMBLY	1	
2	22150-IZ27-0000	OUT CASE ASSEMBLY, CLUTCH	1	
3	22002-G011-0000	SPRINE WASHER, CLUTCH (φ28×2.6)	1	
4	22103-G011-0000	FIXING RING CLUTCH	1	

5       22122-JA16-0000       PRESSURE PLATE, CLUTCH       1         6       22214-1006-0000       FRICTION PLATE, DRIVE, CLUTCH       6         7       22215-JA16-0000       FRICTION PLATE, DRIVEN, CLUTCH       5         8       22105-JA16-0000       CENTER SLEEVE, CLUTCH       1         9       22142-JE15-0000       SPRING, CLUTCH       4         10       22004-G011-0000       THRUST WASHER       1         11       91202-G011-0000       NUT M14×1       1         12       22121-G011-0000       END COVER, CLUTCH       1         13       B057890006002270B       BOLT M6×22       4         44       92102-00000006000       BEARING (6000)       1         15       22403-G007-0000       PUSH ROD, CLUCTH       1         16       1       1         17       1       1         18       1       1         19       20       2         21       22       23         24       25       26         27       28       29         30       31       32         33       34       34         35       35		μ 1211110 10110, ΟΕΟ 1011	
7 22215-JA16-0000 FRICTION PLATE, DRIVEN, CLUTCH 8 22105-JA16-0000 CENTER SLEEVE, CLUTCH 1 22142-JE15-0000 SPRING, CLUTCH 4 10 22004-G011-0000 THRUST WASHER 1 1 91202-G011-0000 NUT M14×1 1 22121-G011-0000 END COVER, CLUTCH 1 3 B057890006002270B BOLT M6×22 4 4 92102-0000006000 BEARING (6000) 1 5 22403-G007-0000 PUSH ROD, CLUCTH 1 6 17 1 8 19 2 0 2 2 2 2 2 3 2 4 4 2 2 5 2 6 2 7 2 8 2 9 3 0 3 3 3 3 3 4 3 3 4 3 3 5 3 1 3 3 4 3 3 5	5 22122-JA16-0000		1
8       22105-JA16-0000       CENTER SLEEVE, CLUTCH       1         9       22142-JE15-0000       SPRING, CLUTCH       4         10       22004-G011-0000       THRUST WASHER       1         11       91202-G011-0000       NUT M14×1       1         12       22121-G011-0000       END COVER, CLUTCH       1         13       B05789006002270B       BOLT M6×22       4         14       92102-0000006000       BEARING (6000)       1         15       22403-G007-0000       PUSH ROD, CLUCTH       1         18       19         20       21         21       22         23       24         24       25         26       27         28       29         30       31         31       32         33       34         34       35	6 22214-I006-0000	FRICTION PLATE, DRIVE, CLUTCH	6
8       22105-JA16-0000       CENTER SLEEVE, CLUTCH       1         9       22142-JE15-0000       SPRING, CLUTCH       4         10       22004-G011-0000       THRUST WASHER       1         11       91202-G011-0000       NUT M14×1       1         12       22121-G011-0000       END COVER, CLUTCH       1         13       B05789006002270B       BOLT M6×22       4         14       92102-0000006000       BEARING (6000)       1         15       22403-G007-0000       PUSH ROD, CLUCTH       1         18       19         20       21         21       22         23       24         24       25         26       27         28       29         30       31         31       32         33       34         34       35	7 22215-JA16-0000	FRICTION PLATE, DRIVEN, CLUTCH	5
10   22004-G011-0000   THRUST WASHER   1   11   91202-G011-0000   NUT M14×1   1   12   22121-G011-0000   END COVER, CLUTCH   1   13   B057890006002270B   BOLT M6×22   4   4   92102-0000006000   BEARING (6000)   1   15   22403-G007-0000   PUSH ROD, CLUCTH   1   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31   32   33   34   35   34   35   35		CENTER SLEEVE, CLUTCH	1
11   91202-G011-0000   NUT M14×1   1   1   1   1   2   22121-G011-0000   END COVER, CLUTCH   1   1   3   B057890006002270B   BOLT M6×22   4   4   92102-0000006000   BEARING (6000)   1   1   5   22403-G007-0000   PUSH ROD, CLUCTH   1   1   1   1   1   1   1   1   1	9 22142-JE15-0000	SPRING, CLUTCH	4
12       22121-G011-0000       END COVER, CLUTCH       1         13       B057890006002270B       BOLT M6×22       4         14       92102-0000006000       BEARING (6000)       1         15       22403-G007-0000       PUSH ROD, CLUCTH       1         16       17         18       19         20       21         22       23         24       25         25       26         27       28         29       30         31       32         33       34         34       35	10 22004-G011-0000	THRUST WASHER	1
13     B057890006002270B     BOLT M6×22     4       14     92102-00000006000     BEARING (6000)     1       15     22403-G007-0000     PUSH ROD, CLUCTH     1       16     17       18     19       20     21       22     23       24     25       26     27       28     29       30     31       32     33       34     35	11 91202-G011-0000	NUT M14×1	1
14 92102-0000006000 BEARING (6000) 1 15 22403-G007-0000 PUSH ROD, CLUCTH 1 16	12 22121-G011-0000	END COVER, CLUTCH	1
15 22403-G007-0000 PUSH ROD, CLUCTH 1 16	13 B057890006002270B	BOLT M6×22	4
16       17         18       19         20       21         22       23         24       25         26       27         28       29         30       31         32       33         34       35	14 92102-00000006000	BEARING (6000)	1
17       18         19       20         21       22         23       24         25       26         27       28         29       30         31       32         33       34         35       35	15 22403-G007-0000	PUSH ROD, CLUCTH	1
18       19         20       21         21       22         23       24         25       26         27       28         29       30         31       32         33       34         35       35	16		
19       20       21       22       23       24       25       26       27       28       29       30       31       32       33       34       35	17		
20         21         22         23         24         25         26         27         28         29         30         31         32         33         34         35	18		
21       22       23       24       25       26       27       28       29       30       31       32       33       34       35	19		
22       23       24       25       26       27       28       29       30       31       32       33       34       35	20		
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24       25       26       27       28       29       30       31       32       33       34       35	22		
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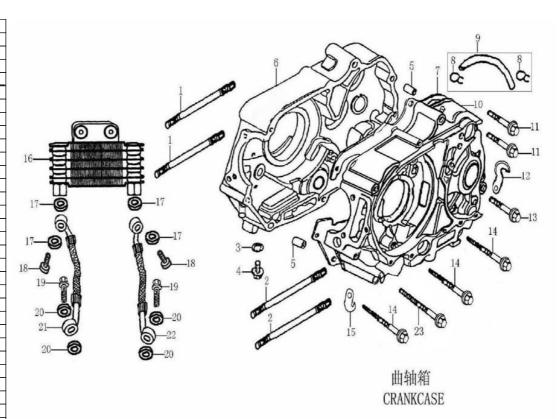
	ZS160 HO OIL PUMP PARTS			
#	PART NO	DESCRIPTION	QTY.	
1	14100-JE15-0000	OIL PUMP	1	
2	B008230006003520B	SCREW M6×35	1	

3 B008230006004020B SCREW M6×40 2 4 B057820005001270B BOLT M5×12 1 5 B000930050000000 WASHER 5 1 6 14108-JE15-0000 COVER, OIL PUMP 1 7 14111-JE15-0000 INNER ROTOR, OIL PUMP 1 8 14112-JE15-0000 OUTER ROTOR, OIL PUMP 1 10 1410B-JE15-0000 GASE, OIL PUMP 1 11 B0089600060000000 WASHER 6 1 12 B0011902025100000 PIN 3.0×16 1 13 91522-03001600000 PIN 3.0×16 1 14 14107-JE15-0000 SHAFT, OIL PUMP 1 15 91521-08001200063 DOWEL PIN 8×12×6.3 2 16 1431B-D002-0000 GASEMBLY, OIL FILTER SCREEN 1 17 90210-HZ31-0000 GASKET, OIL PUMP 1 18 19 12 22 23 3 24 24 25 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
5         B0009300050000000         WASHER 5         1           6         14108-JE15-0000         COVER, OIL PUMP         1           7         14111-JE15-0000         INNER ROTOR, OIL PUMP         1           8         14112-JE15-0000         OUTER ROTOR, OIL PUMP         1           9         14110-JE15-0000         CASE, OIL PUMP         1           10         14108-JE15-0000         GEAR, OIL PUMP         1           11         B0089600060000000         WASHER 6         1           12         B0011902025100000         PIN 2.5×10         1           13         91522-03001600000         PIN 3.0×16         1           14         14107-JE15-0000         SHAFT, OIL PUMP         1           15         91521-08001200063         DOWEL PIN 8×12×6.3         2           16         1431B-D002-0000         ASSEMBLY, OIL FILTER SCREEN         1           17         90210-HZ31-0000         GASKET, OIL PUMP         1           18         20           21         22           23         24           24         25           26         27           28         29           30         31	3	B008230006004020B	SCREW M6×40	2
6   14108-JE15-0000   COVER, OIL PUMP   1   7   14111-JE15-0000   INNER ROTOR, OIL PUMP   1   8   14112-JE15-0000   OUTER ROTOR, OIL PUMP   1   1   14110-JE15-0000   GASE, OIL PUMP   1   1   14108-JE15-0000   GAR, OIL PUMP   1   1   B0089600060000000   WASHER 6   1   1   B0089600060000000   PIN 2.5×10   1   1   14107-JE15-0000   SHAFT, OIL PUMP   1   1   15   1521-08001200063   DOWEL PIN 8×12×6.3   2   1   14   14107-JE15-0000   ASSEMBLY, OIL FILTER SCREEN   1   17   90210-HZ31-0000   GASKET, OIL PUMP   1   1   18   19   20   21   22   23   24   25   26   27   28   29   30   31   32   33   34   34   35   36   37   38   39   40   41   44   44   44   44   44   44	4	B057820005001270B	BOLT M5×12	1
7	5	B0009300050000000	WASHER 5	1
8       14112-JE15-0000       OUTER ROTOR, OIL PUMP       1         9       14110-JE15-0000       CASE, OIL PUMP       1         10       1410B-JE15-0000       GEAR, OIL PUMP       1         11       B0081902025100000       WASHER 6       1         12       B0011902025100000       PIN 2,5×10       1         13       91522-03001600000       PIN 3,0×16       1         14       14107-JE15-0000       SHAFT, OIL PUMP       1         15       91521-08001200063       DOWEL PIN 8×12×6.3       2         16       1431B-D002-0000       ASSEMBLY, OIL FILTER SCREEN       1         17       90210-HZ31-0000       GASKET, OIL PUMP       1         18       1       1         20       21       2         23       24       25         26       27       28         29       30       31         31       32       33         33       34       35         36       37       38         39       40       40         41       42       43         44       44       44	6	14108-JE15-0000	COVER, OIL PUMP	1
9   14110-JE15-0000   CASE, OIL PUMP   1 10   1410B-JE15-0000   GEAR, OIL PUMP   1 11   B008960060000000   WASHER 6   1 12   B0011902025100000   PIN 2.5×10   1 13   91522-03001600000   PIN3.0×16   1 14   14107-JE15-0000   SHAFT, OIL PUMP   1 15   91521-08001200063   DOWEL PIN 8×12×6.3   2 16   1431B-D002-0000   ASSEMBLY, OIL FILTER SCREEN   1 17   90210-HZ31-0000   GASKET, OIL PUMP   1 18   19	7	14111-JE15-0000	INNER ROTOR, OIL PUMP	1
10	8	14112-JE15-0000	OUTER ROTOR, OIL PUMP	1
11   B008960006000000   WASHER 6	9	14110-JE15-0000	CASE, OIL PUMP	1
12   B0011902025100000	10	1410B-JE15-0000	GEAR, OIL PUMP	1
13   91522-03001600000	11	B0089600060000000	WASHER 6	1
14   14107-JE15-0000   SHAFT, OIL PUMP   1     15   91521-08001200063   DOWEL PIN 8×12×6.3   2     16   1431B-D002-0000   ASSEMBLY, OIL FILTER SCREEN   1     17   90210-HZ31-0000   GASKET, OIL PUMP   1     18	12	B0011902025100000	PIN 2.5×10	1
15   91521-08001200063   DOWEL PIN   8×12×6.3   2     16   1431B-D002-0000   ASSEMBLY, OIL FILTER SCREEN   1     17   90210-HZ31-0000   GASKET, OIL PUMP   1     18                         20                     21                     22	13	91522-03001600000	PIN3.0×16	1
16 1431B-D002-0000 ASSEMBLY, OIL FILTER SCREEN 1 17 90210-HZ31-0000 GASKET, OIL PUMP 1 18	14	14107-JE15-0000	SHAFT, OIL PUMP	1
17 90210-HZ31-0000 GASKET, OIL PUMP 1 18	15	91521-08001200063	DOWEL PIN 8×12×6.3	2
18       19         20       21         22       23         24       25         26       27         28       29         30       31         32       33         34       35         36       37         38       39         40       41         42       43         43       44	16	1431B-D002-0000	ASSEMBLY, OIL FILTER SCREEN	1
19       20       21       22       23       24       25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	17	90210-HZ31-0000	GASKET, OIL PUMP	1
20       21       22       23       24       25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	18			
21       22       23       24       25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	19			
22       23       24       25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	20			
23         24         25         26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         42         43         44	21			
24       25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	22			
25       26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	23			
26       27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	24			
27       28       29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	25			
28         29         30         31         32         33         34         35         36         37         38         39         40         41         42         43         44	26			
29       30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	27			
30       31       32       33       34       35       36       37       38       39       40       41       42       43       44	28			
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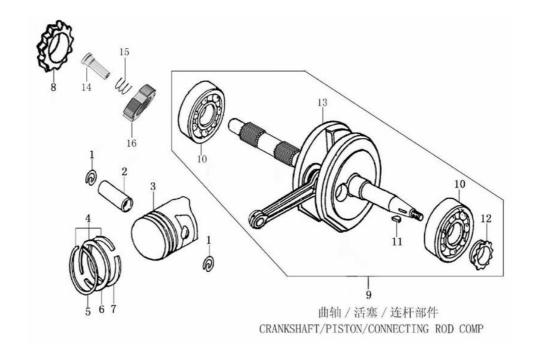
ZS160 HO CRANKCASE			
#	PART NO	DESCRIPTION	QTY.
1	91102-JE15-0000	CYLINDER STUD BOLT B	2
2	91101-JE15-0000	CYLINDER STUD BOLT A	2
3	93301-71242020000	WASHER 12.5×1.5×20 (ALUMINIUM)	1

4	91103-I008-00000X	OIL DRAIN PLUG	1
5	91521-10001400000	DOWEL PIN 10×14	2
6	1222B-JE15-000089	ASSEMBLY, RIGHT CRANKCASE	1
7	90208-JE15-0000	GASKET, CRANKCASE	1
8	91405-D002-00000C	CLIP, BREATHER TUBE	2
9	12130-G011-0102	BREATHER PIPE (1#)	1
10	1212B-JE15-000089	ASSEMBLY, LEFT CRANKCASE	1
11	B166740A06006070X	BOLT M6×60	2
12	11003-D002-00000X	CLIP, HIGH VOLTAGE WIRE	1
13	B166740A06005070X	BOLT M6×50	1
14	B166740A06006570X	BOLT M6×65	3
15	12108-D002-00000X	CLIP, OVERFLOW PIPE	1
16	19300-I038-0000	OIL COOLER COMP	1
17	93301-81251419000	WASHER 12.5×1.4×19	4
18	91107-I038-00010X	BLOT M12×1.25	2
19	91107-PE03-00000X	BLOT M8×23	2
20	93301-80821014000	WASHER 10×1×14	4
21	19303-JE15-0100	RETURN OF VITTA	1
22	19303-JE15-0200	ENTER OF VITTA	1
23	B166740A06008070X	BOLT M6×80	1
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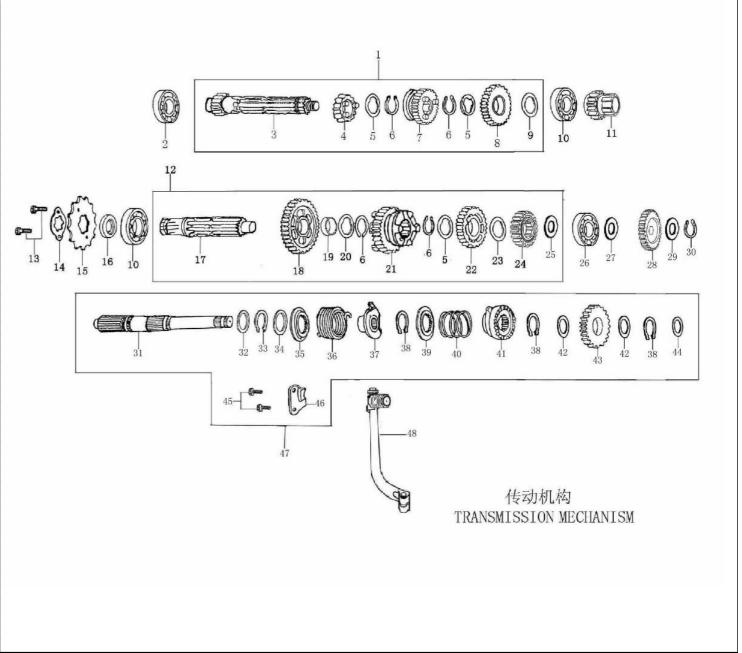


	ZS160 HO CRANKSHAFT/PISTON/CONNECTING ROD COMP			
#	PART NO	DESCRIPTION	QTY.	
1	91401-D002-0000	CIRCLIP, PISTON PIN	2	
2	13102-JE15-0000	PIN, PISTON	1	
3	13101-JE15-0000	PISTON	1	
4	1310A-JE15-0000	ASSEMBLY, PISTON RING	1	
_	12102 IE15 0000	DIGEOUS DIVIG (1970)		

	117107 11/15 0000	INICHANI HINIZAZIONA	
-	13103-JE15-0000	PISTON RING (1ST)	1
6	13104-JE15-0000	PISTON RING (2ND)	1
_	13120-JE15-0000	ASSEMBLY, OIL RING	1
	14101-IZ02-0000	DRIVE GEAR, OIL PUMP	1
_	1320B-JZ28-0000	ASSEMBLY, CRANK SHAFT CONNECTING	1
_	92102-00000562215	BEARING (TM-SC04A86/P5CS12 56×22×15)	2
	91601-D002-0000	SEMICIRCULAR KEY 4×12.5	1
$\overline{}$	13222-JE15-0000	TIMING DRIVE SPROCKETT	1
	13220-JE15-0000	CRANK SHAFT CONNECTING ROD	1
_	13228-IZ22-0000		
_	14202-I016-0000		
16	91208-G011-0000	NUT	
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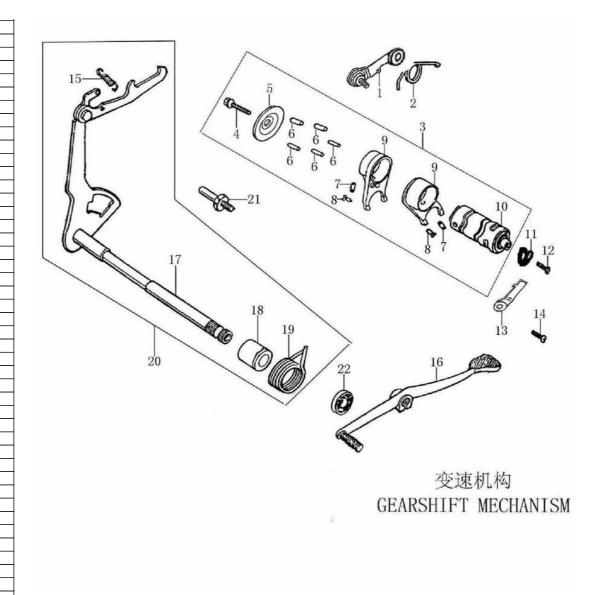


# PART NO	DESCRIPTION	QTY
1 23220-JA16-0000	MAINSHAFT ASSEMBLY	1
2 92102-00000006001	BEARING (6001)	1
3 23221-JA16-0000	PIVOT, MAINSHAFT	1
4 23222-JA16-0002	MAINSHAFT 2ND SPEED GEAR	1
5 23223-D002-0000	SPLINE WASHER 15.5(17.2)×1.2×21	3
6 23226-D002-0000	CIRCLIP, MAINSHAFT GEAR	4
7 23222-JA16-0003	MAINSHAFT 3RD SPEED GEAR	1
8 23222-JA16-0004	MAINSHAFT 4TH SPEED GEAR	1
9 93301-61710526000	WASHER 17.1×0.5×26	1
10 92102-00000006203	BEARING (6203)	2
11 23233-IZ02-0000	STARTING GEAR	1
12 23240-JA16-0000	ASSEMBLY, COUNTERSHAFT	1
13 B057830006001070B	BOLT M6×10	2
14 23402-D002-0000	LOCATING PLATE	1
15 23401-G011-0008	DRIVE SPROCKET (428.15)	1
16 90303-D002-0000	OIL SEAL 17×29×5	1
17 23241-JA16-0000	PIVOT, COUNTERSHAFT	1
18 23242-D002-0001	COUNTERSHAFT 1ST SPEED GEAR	1
19 23247-D002-0000	SLEEVE, COUNTERSHAFT GEAR 20×19	1
20 23223-D002-0002	SPLINE WASHER15.5(17.2)×1.2×23	1
21 23242-D002-0002	COUNTERSHAFT 2ND SPEED GEAR	1
22 23242-JA16-0003	COUNTERSHAFT 3RD SPEED GEAR	1
23 93301-51721026000	CIRCLIP 17.2×1.0×26	1
24 23242-JA16-0004	COUNTERSHAFT 4TH SPEED GEAR	1
25 93301-5152052300C	WASHER 15.2×0.5×23	1
26 92102-00006002SKF	BEARING (6002SKF)	1
27 93301-5152152500N	WASHER 15.2×1.5×25	1
28 23248-IZ02-0000	IDLE GEAR, COUNTERSHAFT STARTING	1
29 93301-61521025000	WASHER 15.2×1×25	1
30 B0089401150000000	CIRCLIP 15	1
31 21107-IZ02-0000	PIVOT, KICK STARTING SHAFT	1
32 93301-61410522000	WASHER 14.1×0.5×22	1
33 91402-D002-0000	CHECK RING φ15.5×1.2×φ19	1
34 93301-61721024000	WASHER 17.2×1×24	1
35 21104-IZ02-0000	SEAT, SPRING, KICK STARTING SHAFT	1
36 21106-IZ02-0000	RETURN SPRING, KICK STARTING SHAFT	1
37 21104-D002-0000	ASSEMBLY, COUNTERSHAFT	1
38 91402-D002-0100	CIRCLIP φ18.5×1.2×φ22.1	3
39 21122-D002-0000	SEAT, RATCHET WHEEL	1
40 21119-D002-0000	SPRING, KICK STARTING RATCHET WHEEL	1
41 21118-IZ02-0000	RATCHET WHEEL, KICK STARTER	1
42 93301-62011027000	WASHER 20.1×1×27	2
43 21117-IZ02-0000	GEAR, KICK STARTER	1
44 93301-61411022000	WASHER 14.1×1×22	1
45 B057830006001870B	BOLT M6×18	2
46 21123-IZ02-0000	GUIDE PLATE, RATCHET WHEEL	1
47 21100-IZ02-0000	KICK STARTING SHAFT ASSEMBLY	1
48 21200-F004-0002	KICK STARTING SHAFT	1



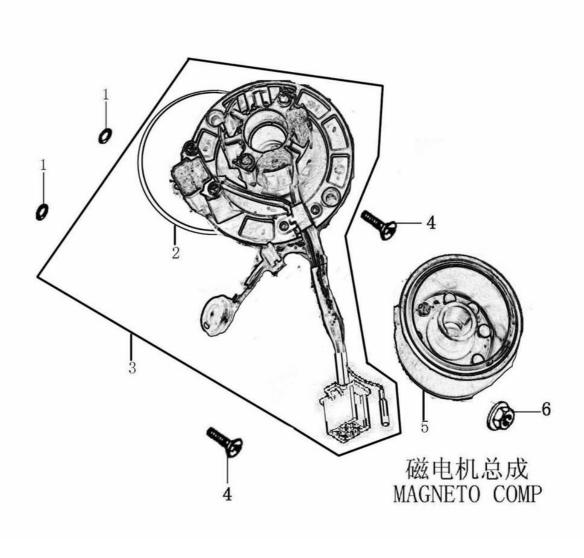
ZS160HO GEARSHIFT MECHANISM			
#	PART NO	DESCRIPTION	QTY.

1	2434A-H032-0000	LOCATING PLATE UNIT	1
2	24304-G011-0000	SPRING, LOCATING PLATE	1
3	24200-JE15-0000	ASSEMBLY, GEARSHIFT DRUM	1
4	B008200006002020B	BOLT M6×20	1
5	24212-D002-0000	STOPPING PLATE	1
6	91522-04001300000	PIN, GEARSHIFT DRUM 4×13	5
7	24102-D002-0000	GUIDE PIN	2
8	24103-D002-0000	CLIP, SPRING	2
9	24101-D002-0000	GEARSHIFT FORK	2
10	24213-JE15-0000	GEARSHIFT DRUM	1
11	88004-G011-0000	CONTACT, GEAR INDICATION	1
12	91149-G011-00000C	SCREW	1
13	88002-G011-0001	GEARSHIFT SWITCH PRESSING PLATE	1
14	B008230006001220B	SCREW M6×12	1
15	24318-D002-0000	SPRING, GEARSHIFT LEVER TENSION	1
16	24400-F004-0004	ASSEMBLY, GEARSHIFT PEDAL (BT-4)	1
	24301-D002-0100	GEARSHIFT SHAFT	1
18	2432 <mark>0</mark> -D002-0000	BUSH	1
19	24302-D002-0000	RETURN SPRING, GEARSHIFT LEVER	1
20	24300-D002-0100	ASSEMBLY, GEARSHIFT LEVER	1
21	91117-D002-0000	BOLT M8×11	1
22	90301-D002-0000	OIL SEAL 11.6×24×10	1
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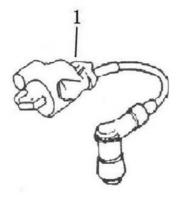
	ZS160HO MAGNETO COMP				
#	PART NO	DESCRIPTION	QTY.		

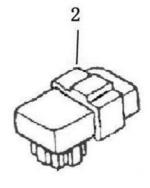
1	90101-10065000180	O-RING 6.5×1.8	2
2	90101-21068000200	O-RING 106.8×2	1
3	82120-IZ27-000145	STATOR ASSEMBLY, MAGNETO	1
4	B008190106001620B	SCREW M6×16	2
5	82130-IZ27-0100	ROTOR ASSEMBLY, MAGNETO	1
6	91213-D002-00000X	NUT	1
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#	PART NO	DESCRIPTION	QTY.		
1	81100-I008-000050	IGNITION COIL	1		
2	81200-IZ27-0000	C.D.I	1		
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