

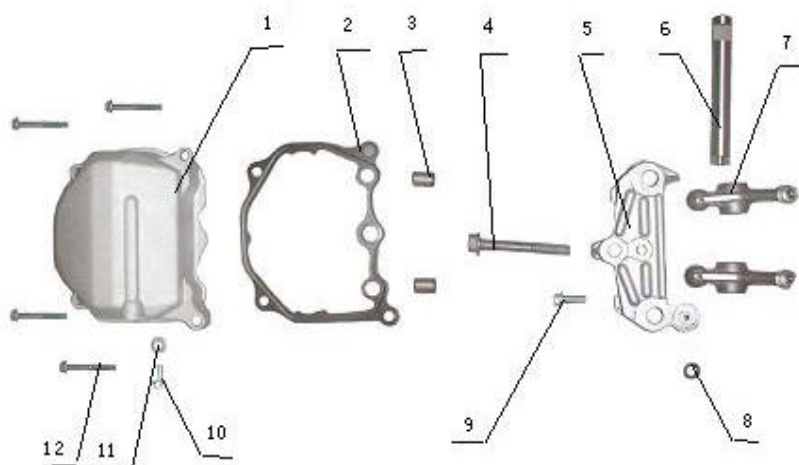
400 CC ENGINE OF ODES

PARTS CATALOGUE FOR ENGINE

Motor komplett einbaufertig: 2.400 Euro (Lieferzeit ca. 2 Wochen)

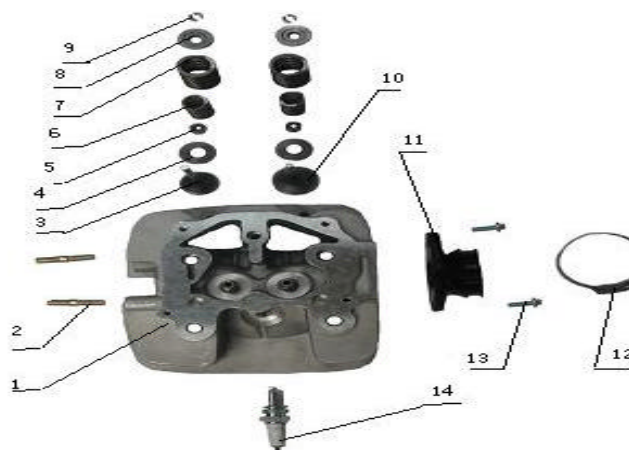


**ODES
ENGINE**



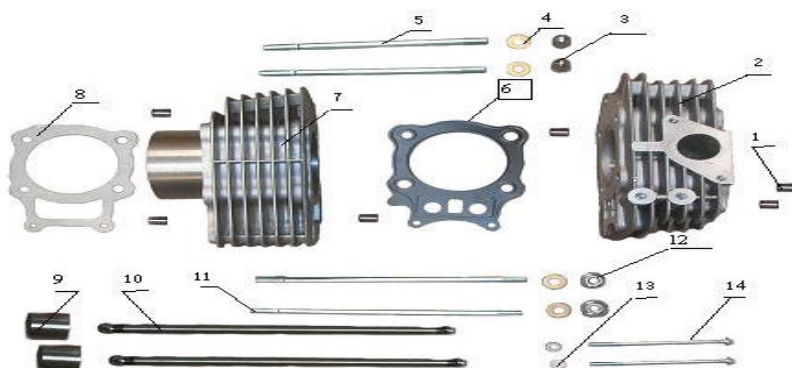
E1? Cylinder head cover assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F .1.1-1	Cylinder head cover	1	1
2	179F.1.1-4	Gasket	1	1
3	179F .1.1-5	Pin f 10×14	1	2
4	179F.1-2	Retaining bolt M6×59	1	1
5	179F .1-1	Rocket arm holder	1	1
6	179F.1-4	Weihghshaft	1	1
7	179F.1.3	Rocker arm	1	2
8	179F .1.1-2	O-ring 13×12.3	1	1
9	BL-M6×18	Bolt M6×18	1	1
10	BL-M6×12	Bolt M6×12	1	1
11	179F .1.1-3	Washer f 6	1	1
12	BL- M6×40	Bolt M6×40	1	4



E2? Cylinder cover unit

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F .1.2	Cylinder head	1	1
2	179F .1.2-9	Dowel pin	1	2
3	179F .1.2-8	Releaser	1	1
4	179F.1.2-3	Sping seat	1	2
5	179F .1.2-4	Stem seal	1	2
6	179F .1.2-2	Inner valve spring	1	2
7	179F .1.2-1	Outer valve spring	1	2
8	179F .1.2-5	Spring retainer	1	2
9	179F .1.2-6	Cotters	1	4
10	179F .1.2-7	Airscoop	1	1
11	179F.1.4.1	insulator	1	1
12	179F.1.4.2	hoop40-60	1	1
13	BL-M6×22	Bolt M6×22	1	2
14	DPR7EA-9	Spark plug DPR7EA-9	1	1
	DPR6EA-9	Spark plug II(DPR6EA-9)		



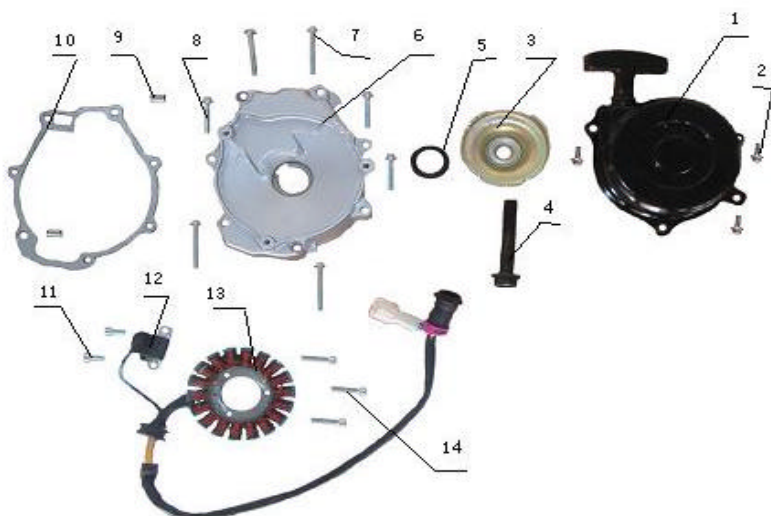
E3? ? ? ? ? cylinder assembly

??	??	??	??	??
PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.1-3	Pinf 12×16	1	6
3	CN-M10	Cap nut M10	1	2
4	179F.1-10	Gasket10.4*19.8*2.4	1	4
5	179F.4-3	Short cylinder head stud bolt	1	2
6	179F.1-9	Gasket	1	1
7	179F.2.1	Cylinder	1	1
8	179F.2-1	Cylinder gasket	1	1
9	179F.1-5	Cam follower	1	2
10	179F.1-6	Push rod	1	2
11	179F.4-2	Long cylinder head stud bolt	1	2
12	FN- M10	Flange nut M10	1	2
13	179F .1.1-3	Washer f 6	1	2
14	BL- M6×115	Bolt M6×115	1	2



N4 ? ? ? ? Elettric parts

PART	REF..	English	UNIT	QTY/ONE ENGINE
1	179F.3.2-6	Ignition coil	1	1
2	179F.3.2-5	Igniter(D-CDI)	1	1
3	179F.3.2-7	Regulator	1	1



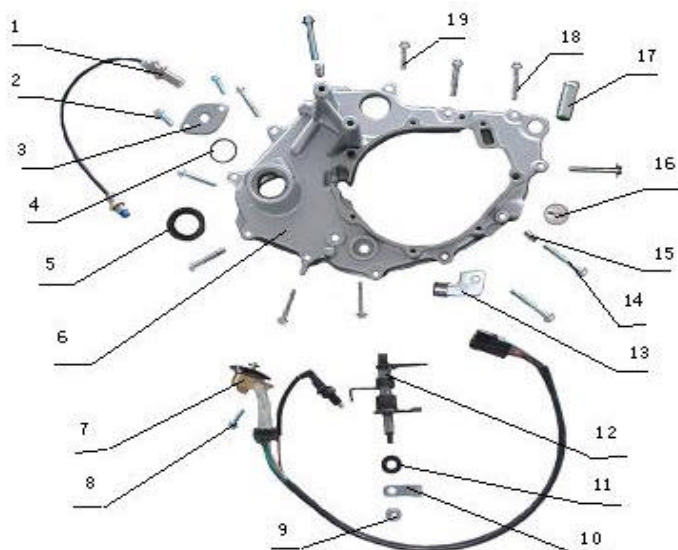
E5 ? ? ? ? ? Alternator

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.3.1	Starter UNIT PRICE	1	1
2	BL-M6×14	BoltM6×14	1	3
3	179F.3.1-2	Driven pulley	1	1
4	179F.3.1-3	Retaining bolt M12×77	1	1
5	179F.3.2-2	Dust seal24×34×7	1	1
6	179F.3.2-1	Alternator cover	1	1
7	BL-M6×45	Bolt M6×45	1	4
8	BL- M6×35	Bolt M6×35	1	3
9	179F.3.2-4	Pinf 8×14	1	2
10	179F.3.2-3	Gasket	1	1
11	BL- M5×12	Bolt M5×12	1	2
12	179F.3.2.1.2	Ignition pulse generator	1	1
13	179F.3.2.1.1	Magneto stator	1	1
14	BL- M5×25	Bolt M5×25	1	3



E6 ? ? ? ? ? Electric start assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.11-5	Insulator washer(40×25×22)	1	1
2	179F.11-4	Needle bearing K253020	1	1
3	179F.11-3	Driven gear	1	1
4	179F.3.2.1.3	One-way clutch KEW	1	1
5	179F.3.2.1.2	Magneto flywheel	1	1
6	BL- M6×18	BoltM6×18	1	6
7	BL- M6×32	Bolt M6×32	1	2
8	179F.11.1-1	Brush holder	1	1
9	179F.11.1	Start motor	1	1
10	179F.11-2	Reduction gear shaft	1	1
11	179F.11-1	Reduction gear	1	1



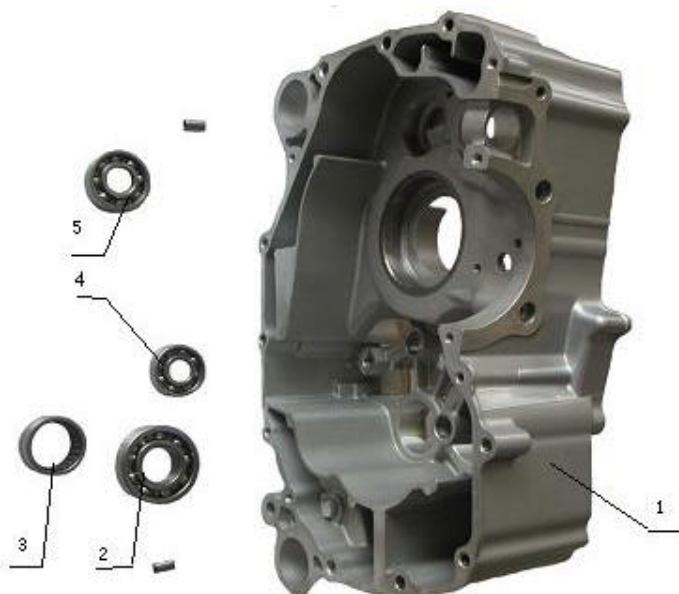
E7 ? ? ? ? Rear lid unit

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.3.3.1	Vehicle speed sensor(vss)	1	1
2	BL-M6×25	Bolt M6×25	1	1
3	179F.3.3.1-2	Sensor mounting flange	1	1
4	179F.3.3.1-1	O-ring 23*2	1	1
5	179F.3.3.3-2	Dust seal (24×34×5.5)	1	1
6	179F.3.3.3-1	Rear crankcase cover	1	1
7	179F.3.3.2	Gear position switch	1	1
8	BL- M6×14	Bolt M6×14	1	1
9	N- M6	NutM6	1	1
10	179F.14.8-2	Reverse stopper arm	1	1
11	179F.3.3.3-3	Dust seal(10×20×5)	1	1
12	179F.14.8.1	Reverse stopper shaft	1	1
13	179F.3.3.3-9	Reverse control treat clip	1	1
14	BL-M6×45	Bolt M6×45	1	1
15	179F.3.2-4	Dowel pin f 8×14	1	1
16	179F.3.3.3-4	Timing hole cap	1	1
17	179F.3.3.3-5	Breather pipe	1	1
18	BL-M6×35	Bolt M6×35	1	1
19	BL-M6×25	Bolt M6×25	1	1



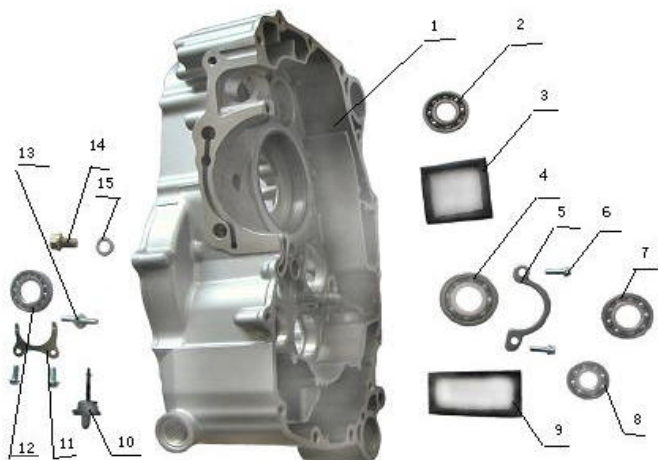
E8 ? ? ? ? ? Cam shaft assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.13.1	Cam shaft	1	1
2	179F.13-2	Bearing retainer	1	1
3	BL- M6×16	Bolt M6×16	1	1
4	179F.13-1	Timing chain	1	1
5	179F.4.1	Tensioner adjuster	1	1
6	BL- M6×22	Bolt M6×22	1	2
7	179F.4.1.1	Tensioner arm	1	1
8	179F.4.1.1-1	Special bolt	1	1
9	179F.4.1.1-2	Washer f 6	1	1



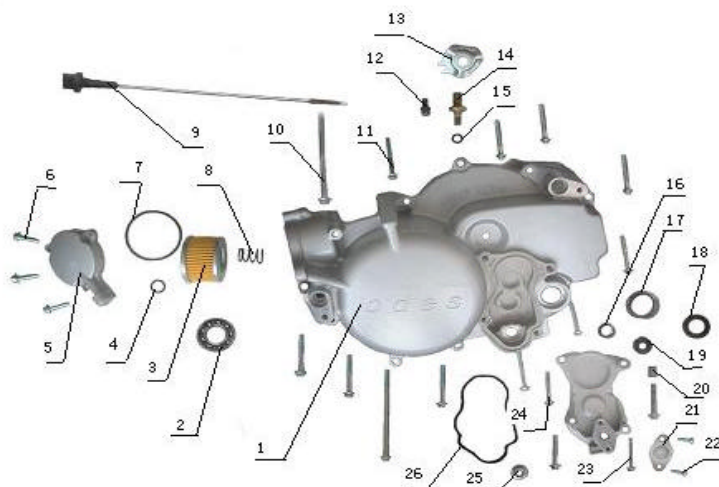
E9 ? ? ? ? ? ? Rear crankcase assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.4-1	Rear crankcase	1	1
2	B-6205	Bearing (6205)	1	1
3	B-NK28/20	Bearing (NK28/20)	1	1
4	B- 6202-Rz	Bearing (6202-Rz)	1	1
5	B- 6203	Bearing (6203)	1	1



E 10 ? ? ? ? ? ? Front crankcase assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.5-1	Front crankcase	1	1
2	B- 6203	Bearing (6203)	1	1
3	179F.5-3	Oil strainer screen B	1	1
4	B- 62/22	Bearing (62/22)	1	1
5	179F.5-8	Mainshaft bearing set plate	1	1
6	BL-M6×16	Bolt M6×16	1	4
7	B- 6004	Bearing (6004)	1	1
8	B- 6202	Bearing (6202)	1	1
9	179F.5-2	Oil strainer screen A	1	1
10	179F.5-6	Oil filler cap	1	1
11	179F.5-12	Shift drum bearing set plate	1	1
12	B- 16005	Bearing16005	1	1
13	179F.5-7	Gearshift return spring pin	1	1
14	179F.5-4	Oil-draining bolt	1	1
15	179F.5-5	Washer	1	1

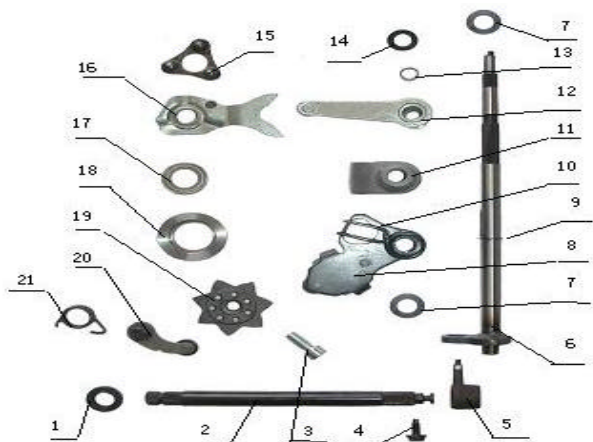


E11 ? ? ? ? ? Front cover subassembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.6.1-1	Front crankcase cover	1	1
2	B-6002-RZ	Bearing 6002-RZ	1	1
3	179F.6.2	Oil filter	1	1
4	179F.3.1-4	O-ring (f 16x2.3)	1	1
5	179F.6-2	Filter oil cover	1	1
6	BL- M6×18	Bolt M6×18	1	3
7	179F.6-5	O-ring f 59.1x2.3	1	1
8	179F.6-4	Filter oil spring	1	1
9	179F.6-1	Dipstick	1	1
10	BL- M6×105	Bolt M6×105	1	2
11	BL- M6×45	Bolt M6×45	1	10
12	179F.6-7	adjusting plate stopper pin	1	1
13	179F.10.2.3	Adjusting plate	1	1
14	179F.6.3-1	Adjusting bolt	1	1
15	179F.6.3-2	O-ring (11.8×2.2)	1	1
16	B-HK1010	Bearing HK1010	1	1
17	B-NK2016	Bearing NK2016	1	1
18	179F.6-9	Dust seal (20x28x5)	1	1
19	179F.6-8	Dust seal (10x20x5)	1	1
20	179F.8.2-5	Dowel pin f 8×10	1	1
21	179F.8.2-6	Mounting flange	1	1
22	SC- M5×12	Screw M5×12	1	2
23	BL- M6×40	Bolt M6×40	1	3
24	BL- M6×35	Bolt M6×35	1	1
25	N- M8	Nut M8	1	1
27	179F.8.2-1	Gear cover	1	1



PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.12.1-1	Piston	1	1
2	179F.12.1-2	Piston pin	1	1
3	179F.12.1-3	Piston ring	1	2
4	179F.12.1.1-1	Top piston ring	1	1
5	179F.12.1.1-2	Second piston ring	1	1
6	179F.12.1.1-2	Oil ring	1	2
7	179F.12.1.1-1	Spacer	1	1



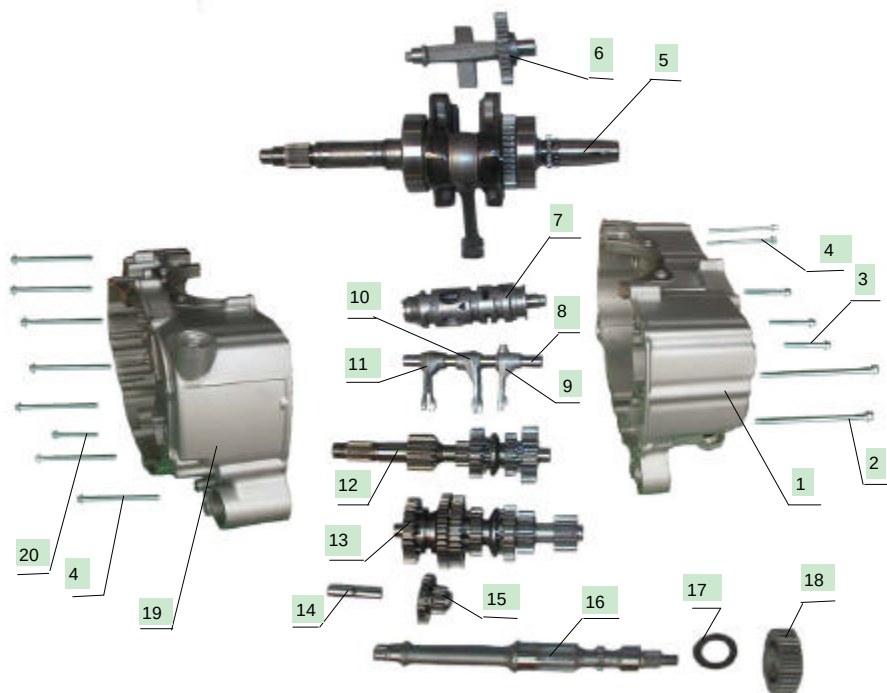
E13 ? ? ? ? Gearshift assembly

PART	REF.	English	/ONE ENG	QTY/ONE ENGINE
1	179F.4-4	Dust seal (14x24x6)	1	1
2	179F.14.5-1	Gearshift spindle	1	1
3	SC-M8×20	Screw M8×20	1	1
4	179F.14.5-3	Gearshift A arm bolt	1	1
5	179F.14.5-2	Gearshift A arm	1	1
6	179F.14.6.1	Sub-gearshift spindle	1	1
7	179F.14.6-1	Washer f 12	1	2
8	179F.14.6.2	Gearshift plate assy	1	1
9	SN-f 12	Snap ring f 12	1	1
10	179F.14.6-2	Return spring	1	1
11	179F.14.6.3	Sub-gearshift spindle arm	1	1
12	179F.10.3	Clutch lever	1	1
14	179F.10-1	Washer 20×10.5×0.5	1	1
15	179F.10.2.2	Ball retainer	1	1
16	179F.10.2.1	Lifter cap	1	1
17	B-6903	Bearing 6903	1	1
18	179F.10.1-4	Bearing seat	1	1
19	179F.14.3.1	Drum shifter	1	1
20	179F.14.4.1	Stopper arm	1	1
21	179F.14.4-1	Stopper arm return spring	1	1



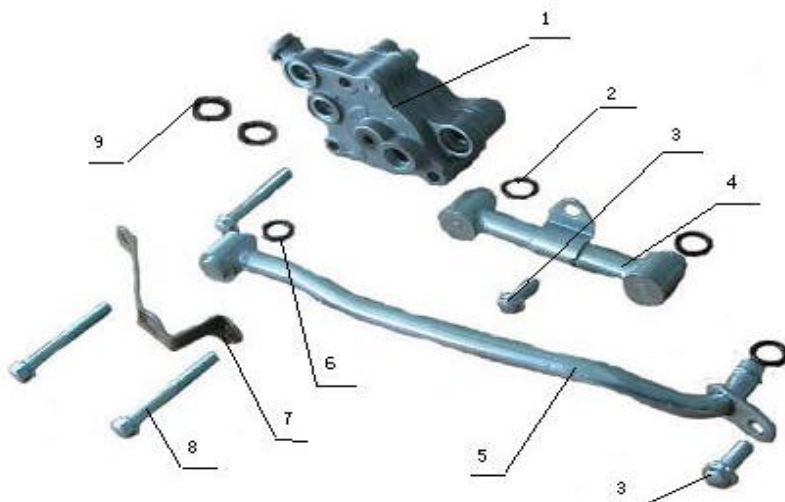
E14 ? ? ? ? ? Clutch assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.9.2-1	Gasket	1	1
2	179F.9.2	Oil pump driving gear	1	1
3	179F.9.1	Clutch drum	1	1
5	179F.9.1	Clutch weight assembly	1	1
4	179F.9.1.2.2	One-way clutch(FWF331808BIB)	1	1
6	179F.9-1	Washer	1	1
7	179F.9-2	Lock nutM20	1	1
8	179F.10.1-2	Clutch outer guide	1	1
9	179F.10.1.1	Change clutch over assembly	1	1
10	179F.10.1.2	Change clutch center assembly	1	1
11	179F.10-3	Washer f 18	1	1
12	179F.10-2	Lock nut M18	1	1
13	179F.14.7.2-1	Front axle	1	1
14	179F.14.7.2-2	Washer f 20	1	1



E15 ? ? ? ? ? Crankcase assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
2	BL-M6×110	BoltM6×110	1	2
3	BL-M6×40	Bolt M6×40	1	3
4	BL-M6×75	Bolt M6×75	1	9
5	179F.12.1	Crankcase	1	1
6	179F.12.3	Balance shaft assy	1	1
7	179F.14.3	Shift drum	1	1
8	179F.14-1	Fork shaft	1	1
9	179F.14-2	Rear shift fork	1	1
10	179F.14-3	Center shift fork	1	1
11	179F.14-4	Front shift fork	1	1
12	179F.14.1	Mainshaft assembly	1	1
13	179F.14.2	Counter shaft assembly	1	1
14	179F.14-6	Reverse idle gear shaft	1	1
15	179F.14-5	Reverse idle gear	1	1
16	179F.14.7.1-1	Rear axle	1	1
17	179F.14.7.1-2	Washer f 28	1	1
18	179F.14.7.1-3	Rear axle gear	1	1
20	BL-M6×45	Bolt M6×45	1	1



16? ? ? ? ? Oil pump assembly

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.7.1	Oil pump assembly	1	1
2	179F.7.3-1	O-ring (15×2)	1	2
3	BL-M6×16	Bolt M6×16	1	2
4	179F.7.3	Short oil pipe	1	1
5	179F.7.2	Long oil pipe	1	1
6	179F.7.2-2	Oil pipe set plate	1	1
7	179F.7.2-1	O-ring (13.7×2)	1	2
8	BL-M6×45	Bolt M6×45	1	3
9	179F.7-1	Special o-ring (f 15)	1	2



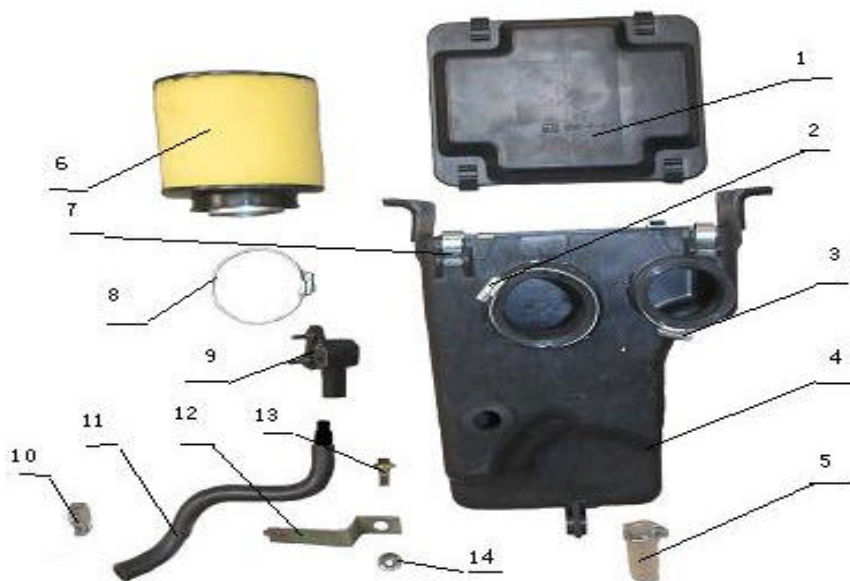
E17? ? ? ? Cooling system

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.17	Cooling fan assembly	1	1
2	179F.3.1-4	O-ring (16×2.3)	1	2
3	179F.16.2	Cooler tub	1	2
4	179F.16.1	Oil cooler assembly	1	1



E18 ? ? ? Carburetor Total amount:\$ 90 Imported carburetor\$195

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.15	Carburetor	1	1



E19 ? ? ? ? Air cleaner housing

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.19.1-1	Cover	1	1
4	179F.19.1-2	Air cleaner	1	1
5	179F.19.1-3	Drain hose	1	1
9	179F.19.3	Dust-cleaning cover	1	1
11	179F.19-1	Breather tube	1	1
12	179F.19-2	Air cleaner housing holder	1	1
13	BL-M8x32	BoltM8x32	1	1
14	N-M8	Nut M8	1	1
2	179F.19-5	Hoop	1	1
3	179F.19-6	Hoop	1	1
6	179F.19.2	Element	1	1
7	179F.19.1-5	Hoop	1	4
8	179F.19-4	Hoop	1	1
10	179F.19-3	Hoop	1	2



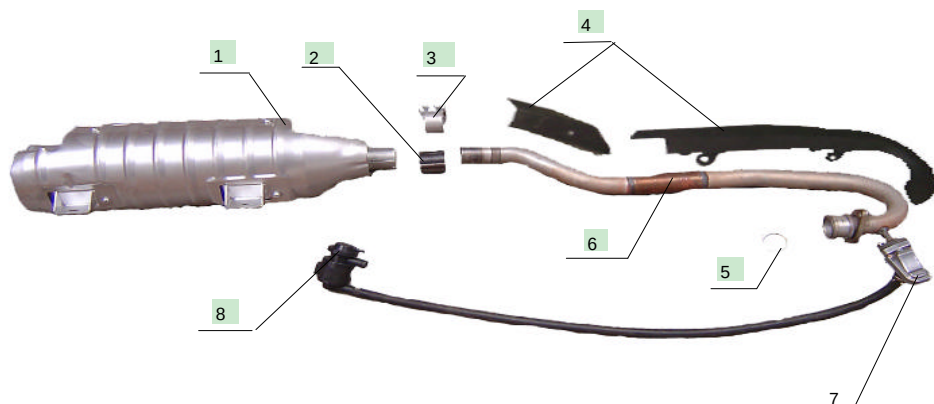
E20 ? ? ? others

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	179F.5-9	Left engine side cover	1	1
2	179F.6-6	Left-front cover frame	1	1
3	179F.4-5	Left-rear cover frame	1	1
4	179F.1-11	Top hanger bushing	1	1
5	179F.1-7	Dust seal	1	4
6	179F.5-11	Hanger bushing	1	2
7	179F.3.3.3-6	Right-rear cover frame	1	1
8	179F.5-10	Right-front cover frame	1	1
9	179F.3.3.3-7	Right engine side cover	1	1
10	SC-M5x12	ScrewM5x12	1	8



E21 ? ? ? ? ? Electric gearshift

PART	REF.	English	UNIT	QTY/ONE ENGINE
1	B-626Z	Bearing 626Z(Electric)	1	3
2	179F.8.2-5	Dowel pin f 8×10	1	1
3	179F.8.3	Electric shift ECU	1	1
4	BL-M6×45	Bolt M6×45	1	1
5	179F.8.1	Shift control motor	1	1
6	179F.8.2-1	Gear cover(for electric gearshift)	1	1
7	B-696Z	Bearing 696Z	1	1
8	179F.8-1	Primary idle gear (40T/12T)	1	1
9	179F.8-2	Sub-idle gear (41T/10T)	1	1
10	179F.8-3	Sector gear(7T)	1	1
11	B-698Z	Bearing 698Z	1	1
12	179F.8.2-4	o-ring	1	1
13	BL-M6×40	Bolt M6×40	1	1



V22? Exhaust System (EC)

PART	REF.	Description	UNIT	QTY/ONE ENGINE
1	0000122--I	Muffler(EEC)	1	1
	0000122--II	Muffler(EPA)	1	1
2	0000123	Gasket	1	1
3	0000124	Clamp	1	1
4	0000188	Protector	1	1
5	0000126	Gasket	1	1
6	0000125--I	Exhaust pipe(EEC)	1	1
	0000125--II	Exhaust pipe	1	1
7	0000129	Air valve	1	1
8	0000127	Breather pipe	1	1
9	0000128	Filter	1	1



E23? ? ? ? ? ? Speed meter system

Ref	Part	Chinese	UNIT	QTY/ONE ENGINE
1	0000186	? ? ? ? ?	1	1