

1

**CAUTION**



Before operation, be sure to add specified engine oil into the crankcase. Please refer to the OWNER'S MANUAL for further information.

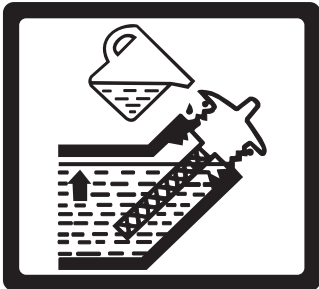
2

**WARNING**



Among engine exhaust emissions, there toxic CO, so never use in an enclosed room without good ventilation.

3



4



CAUTION!
OIL HAS BEEN DRAINED FOR SHIPPING.
FAILURE TO FILL ENGINE SUMP WITH OIL BEFORE STARTING ENGINE WILL RESULT IN PERMANENT DAMAGE AND WILL VOID ENGINE WARRANTY.

5



6



7

MAINTAIN AIR CLEANER

Clean up in cleansing solvent and dry up once every 50 hours (every 10 hours in unusually dusty circumstances) and then immerse in clean engine oil until saturated, squeeze out excessive oil.

8

**WARNING**



Check that there is no any fuel spilling or fuel leakage. Filling fuel before stopping the engine is forbidden.

9

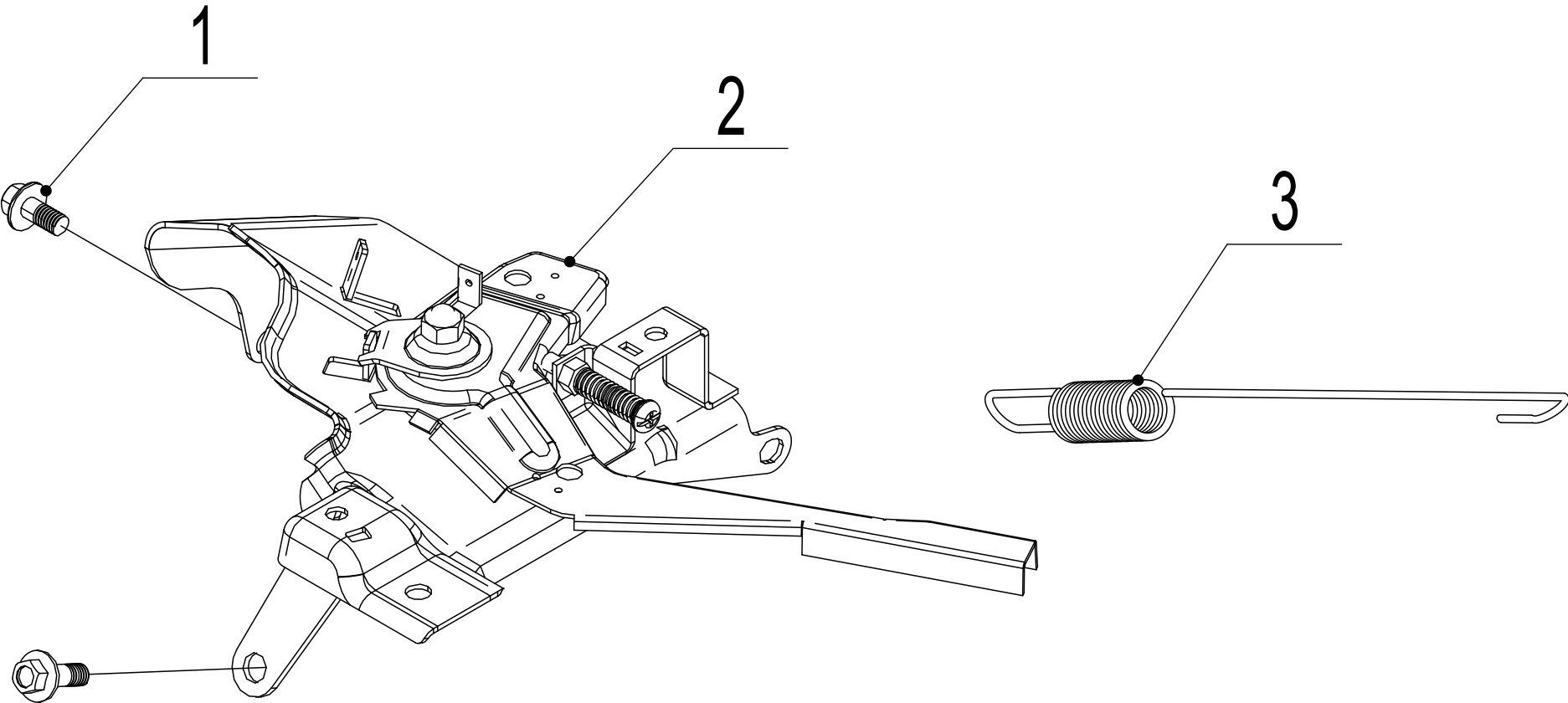


10



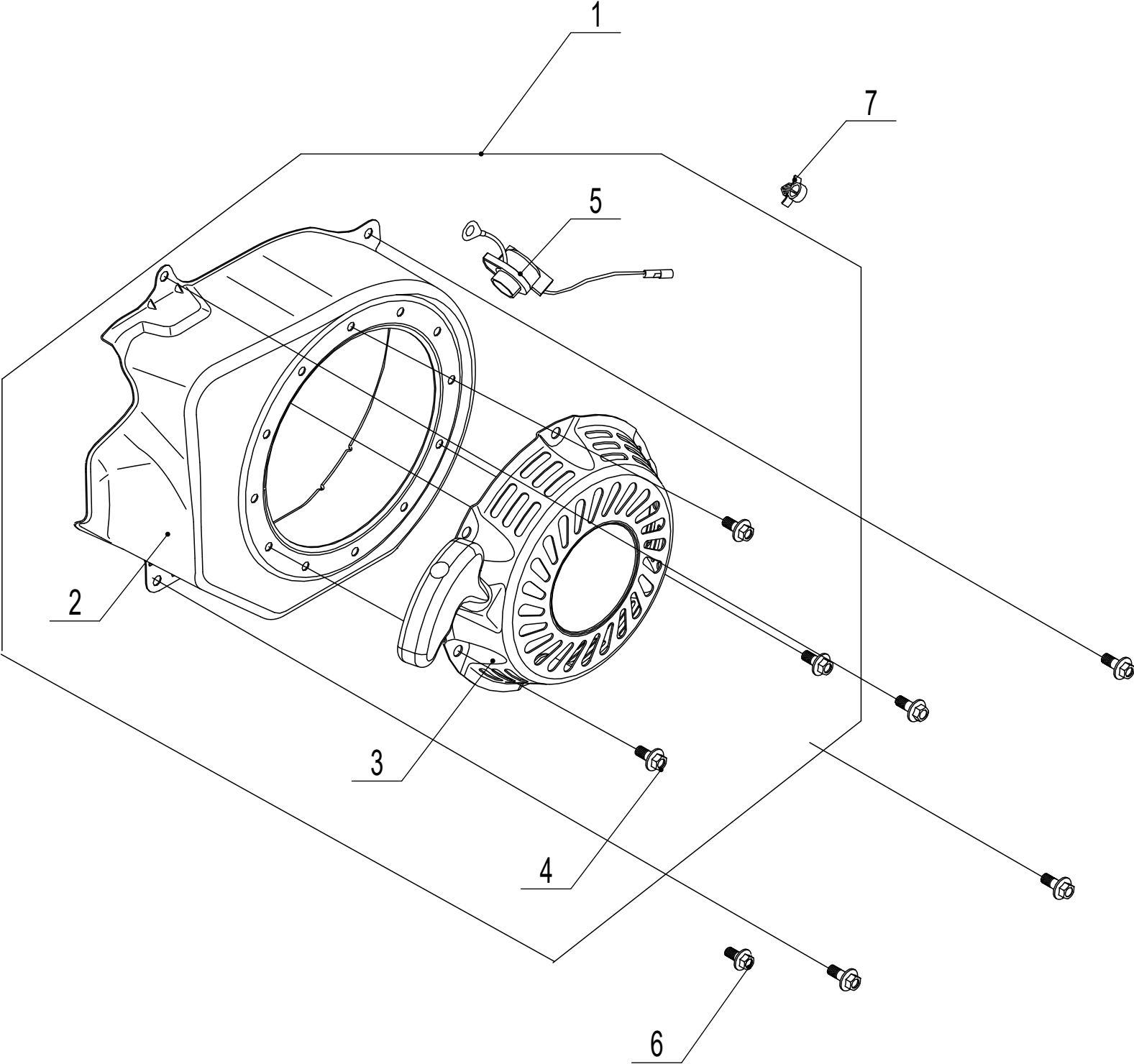
* Invalid if torn up *

Model:G420F
Status Code:L3481
Control system



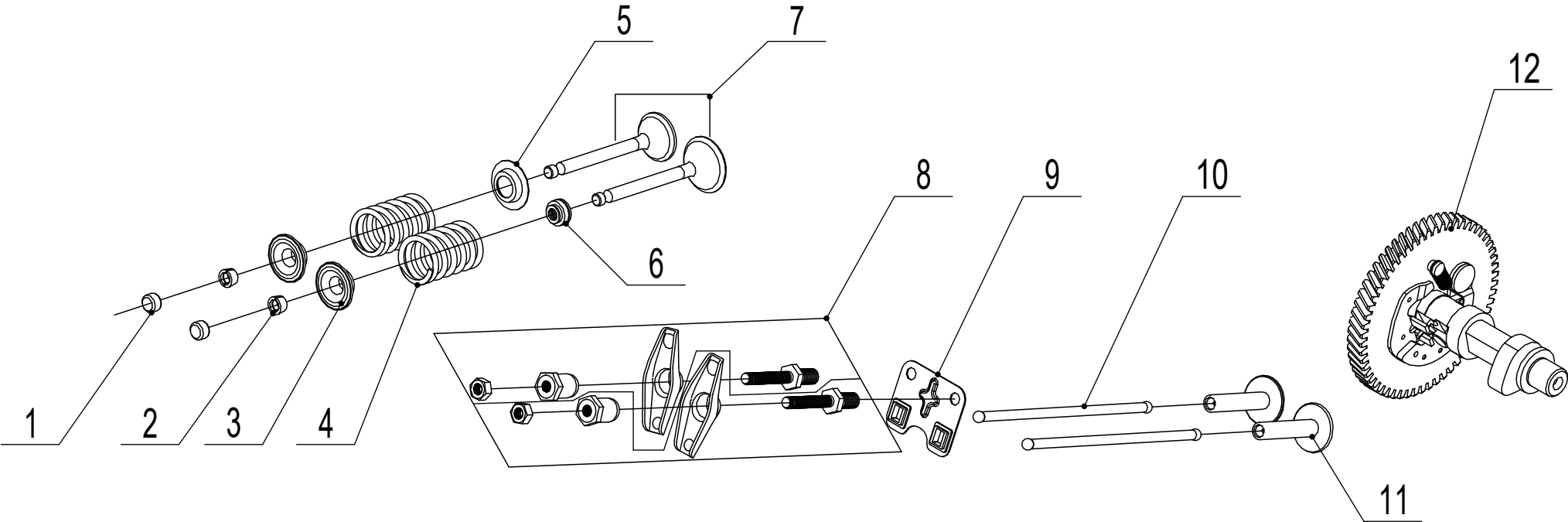
9	Control System		
Nr.	Ersatzteilnummer	Name English	Menge
1	380140001-0006	Hexagon bolt with flange	2
2	171680013-0001	Throttle handle combination	1
3	171600125-0001	Governing spring	1

Model:G420F
Status Code:L3481
Starter Subassembly



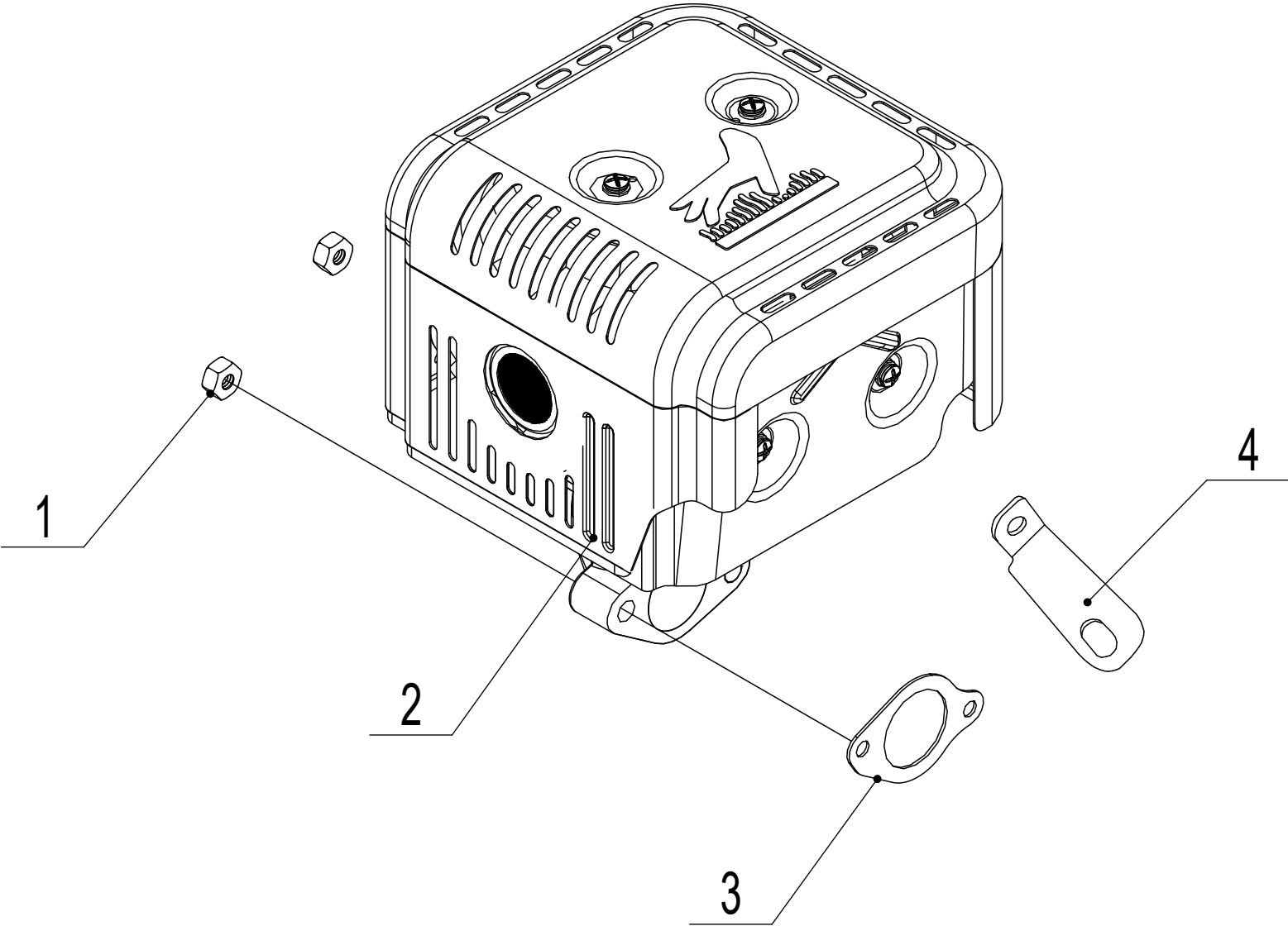
6	Starter Subassembly		
Nr.	Ersatzteilnummer	Name English	Menge
1	193490039-0009	Manual starting assembly	1
2	160210011-0002	Fan cover comp.	1
3	193500017-0002	Manual starting components	1
4	380140531-0001	Hexagon bolt with flange	3
5	271660028-0001	Stop switch	1
6	380140001-0006	Hexagon bolt with flange	4
7	380930024-0001	Location wire nail	1

Model:G420F
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Gas Distribution Adjustment



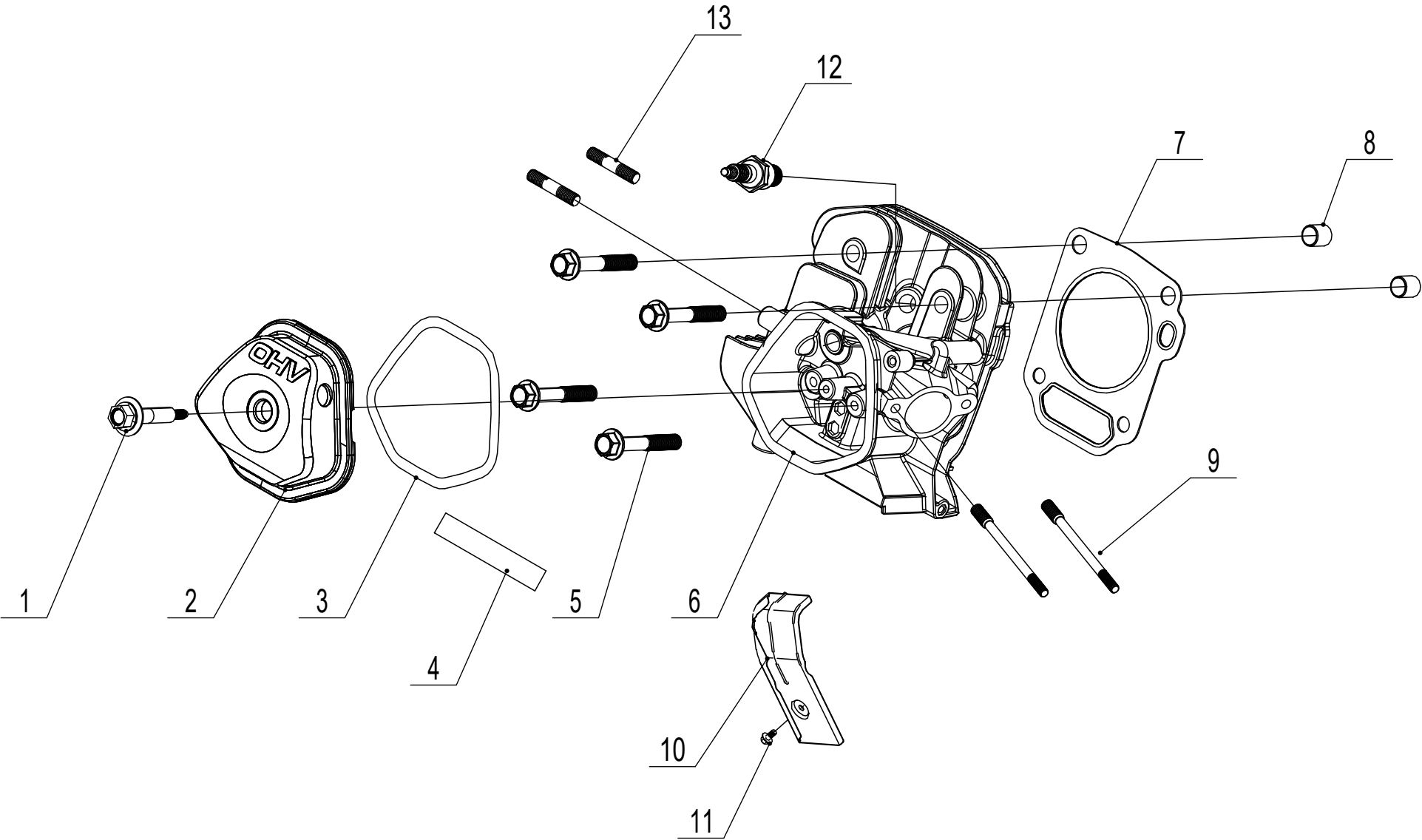
5	Gas Distribution Adjustment		
Nr.	Ersatzteilnummer	Name English	Menge
1	140320002-0001	Valve adjustment cap	2
2	140390015-0001	Valve locker	4
3	140380021-0001	Retainer, valve spring	2
4	140340025-0001	Inner spring of valve	2
5	140360010-0001	Seat, valve spring	1
6	140400012-0001	Valve oil seal	1
7	500550032-0001	Valve Kit	1
8	140450023-0001	Valve rocker combination	2
9	140710002-0001	Plate, push rod guide	1
10	140670006-0001	Push rod	2
11	140690004-0001	Lifter, Valve	2
12	140020110-0001	Camshaft assy	1

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Muffler



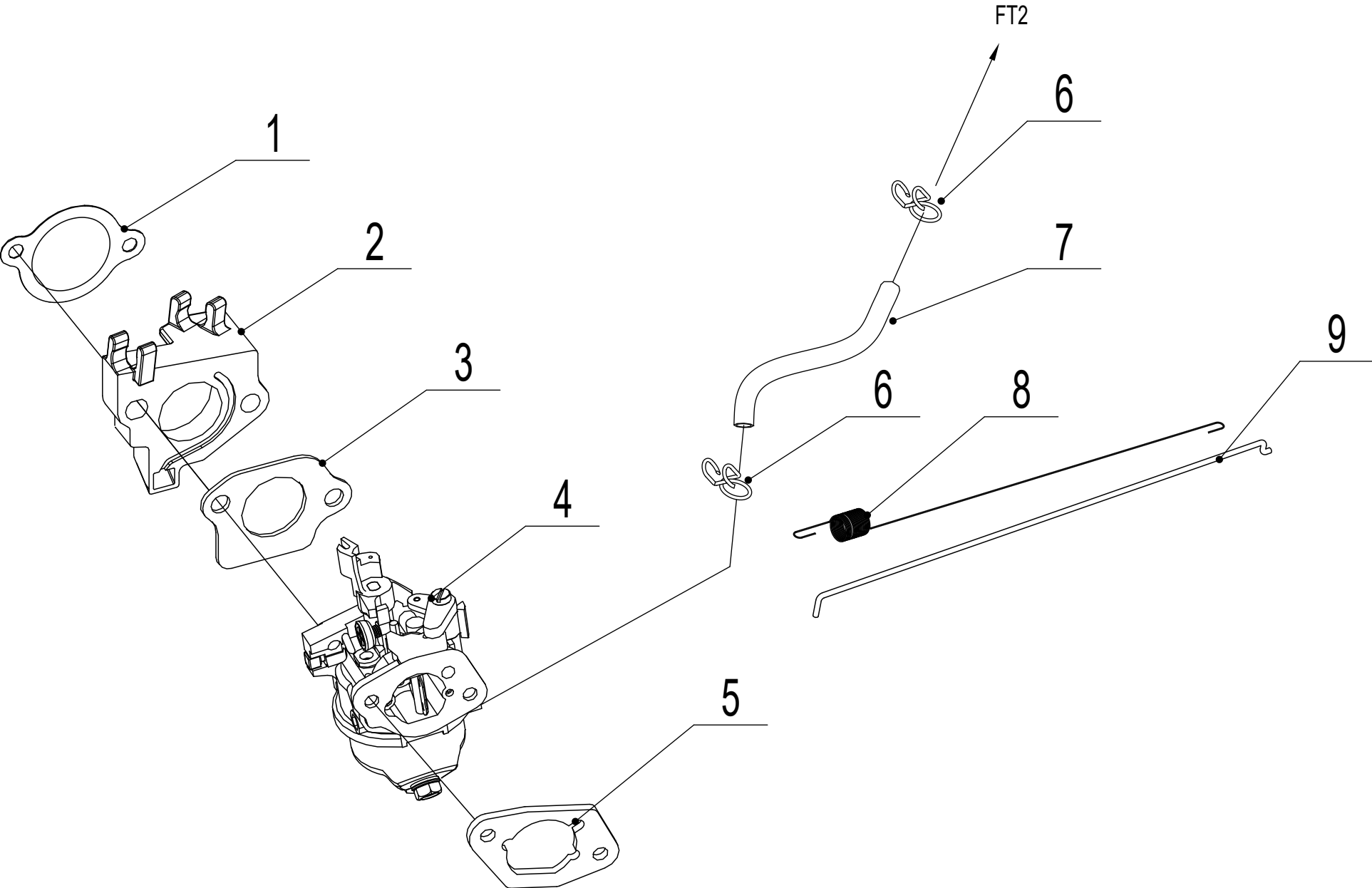
11	Muffler		
Nr.	Ersatzteilnummer	Name English	Menge
1	380340005-0005	Hexagon nut with flange	2
2	180570775-0002	Muffler	1
3	180650090-0001	Outlet gasket	1
4	180990060-0001	Muffler bracket	1

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Cylinder Head



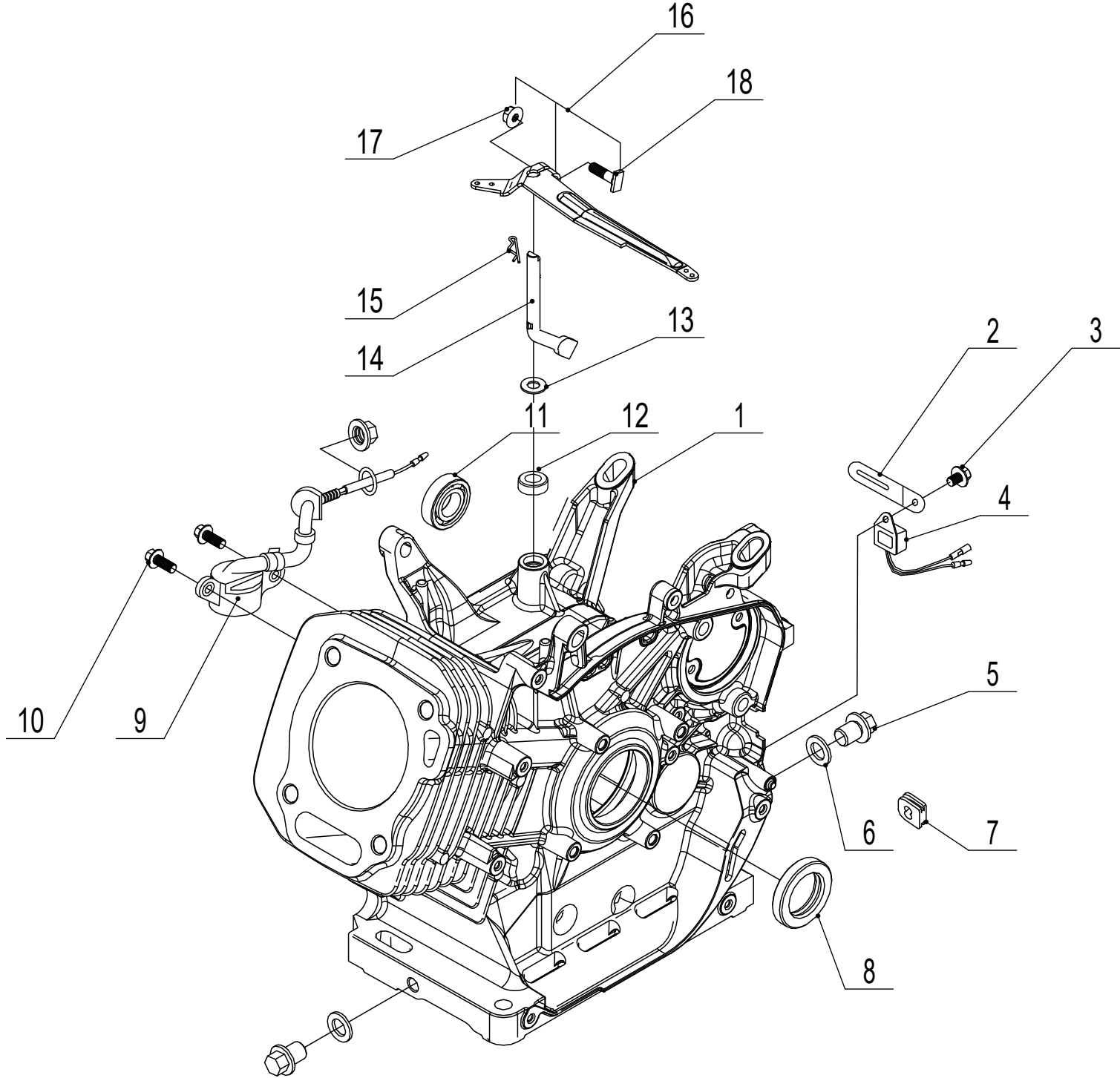
1	Cylinder Head		
Nr.	Ersatzteilnummer	Name English	Menge
1	120420011-0001	Bolt combination for cylinder head cover	1
2	120220009-0001	Cylinder head cover assy	1
3	380840425-0001	Seal ring	1
4	380740454-0001	Breather tube	1
5	380140337-0001	Hexagon bolt with flange	4
6	120080338-0001	Cylinder head	1
7	120150141-0001	Gasket for cylinder head	1
8	380600116-0001	ocation pin	2
9	380180091-0001	Stud	2
10	160190006-0001	air deflector	1
11	380140001-0006	Hexagon bolt with flange	1
13	270960014-0001	Spark plug	1
14	380180099-0001	Stud	2

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Carburetor



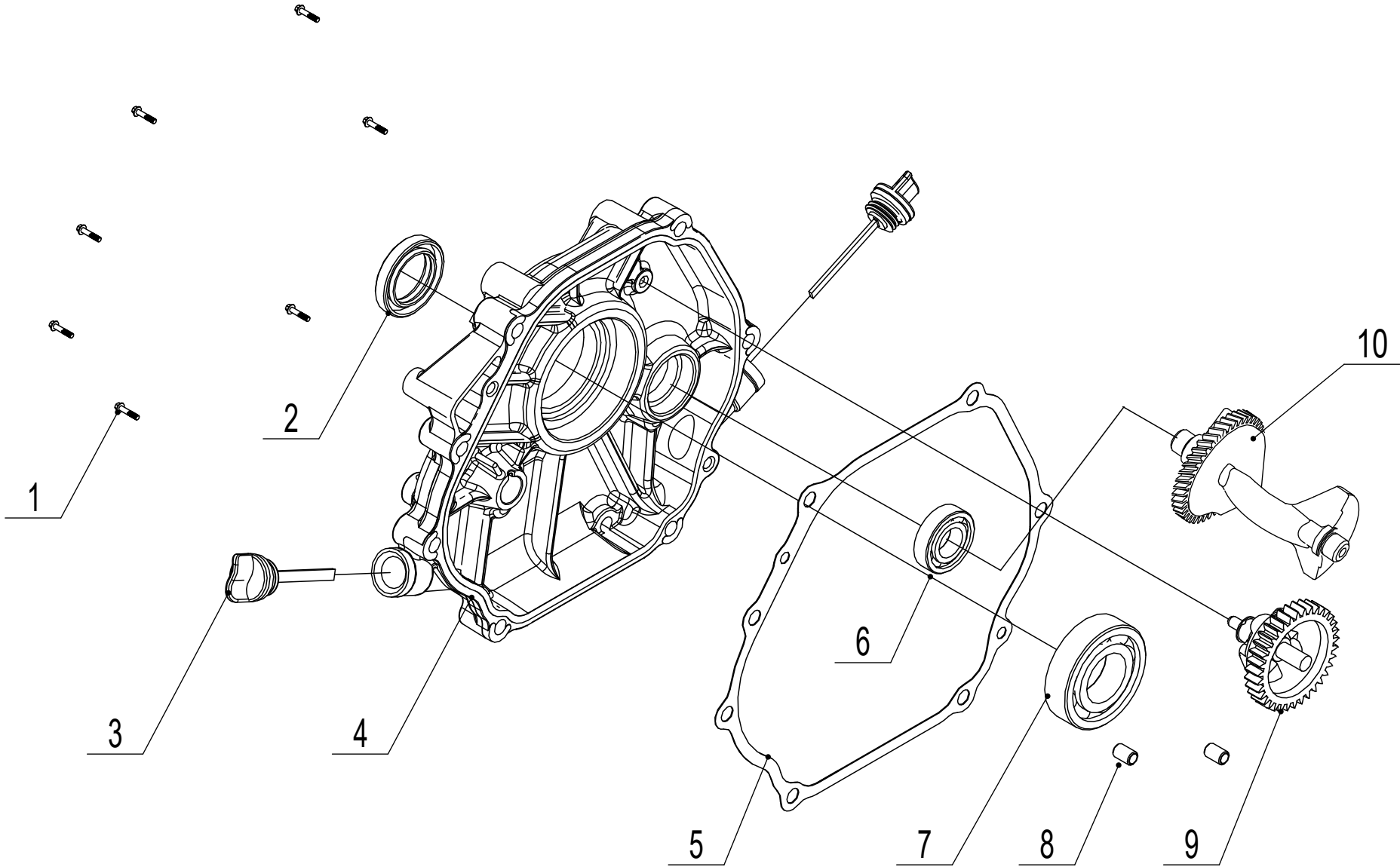
7	Carburetor		
Nr.	Ersatzteilnummern	Name English	Menge
1	170430062-0001	Carburetor gasket	1
2	170440041-0004	Heat insulating pad for carb	1
3	170430050-0001	Carburetor gasket	1
4	170022170-0001	Carburetor	1
5	170430070-0001	Carburetor gasket	1
6	380950188-0001	Pipe clip	2
7	380750179-0002	Oil tube	1
8	171610001-0001	throttle return spring	1
9	171590005-0001	Throttle rod	1

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Crank Case



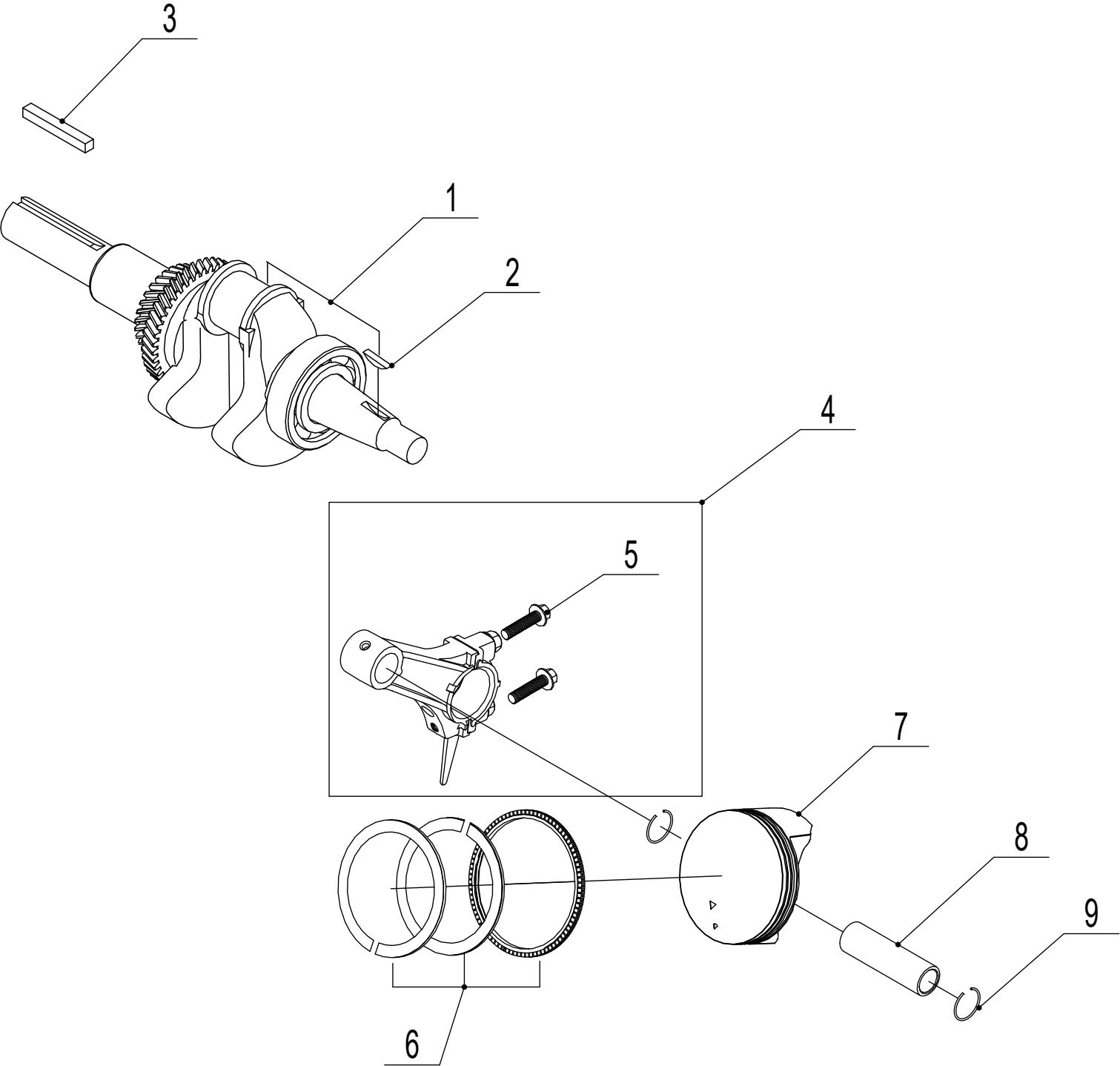
2	Crank Case		
Nr.	Ersatzteilnummer	Name English	Menge
1	110810028-0001	Crankcase body	1
2	380940346-0003	Cable cleat	1
3	380140001-0006	Hexagon bolt with flange	1
4	281890001-0001	Engine oil protector	1
5	110260024-0001	Sealing plug screw	2
6	380450516-0001	Flat washer	2
7	380930023-0001	Location wire nail	1
8	380650337-0001	Oil seal	1
9	281850152-0001	Oil level sensor	1
10	380140215-0003	Hexagon bolt with flange	2
11	380630099-0001	Bearing	1
12	380650339-0001	Oil seal	1
13	380450522-0001	Flat washer	1
14	171630003-0001	Speed regulating arm	1
15	381350004-0001	Pin clip	1
16	171620003-0004	Speed regulating bracket	1
17	380370066-0001	Hexagon nut with flange	1
18	380250002-0001	Square head set screw with flat point	1

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Crank Case Cover



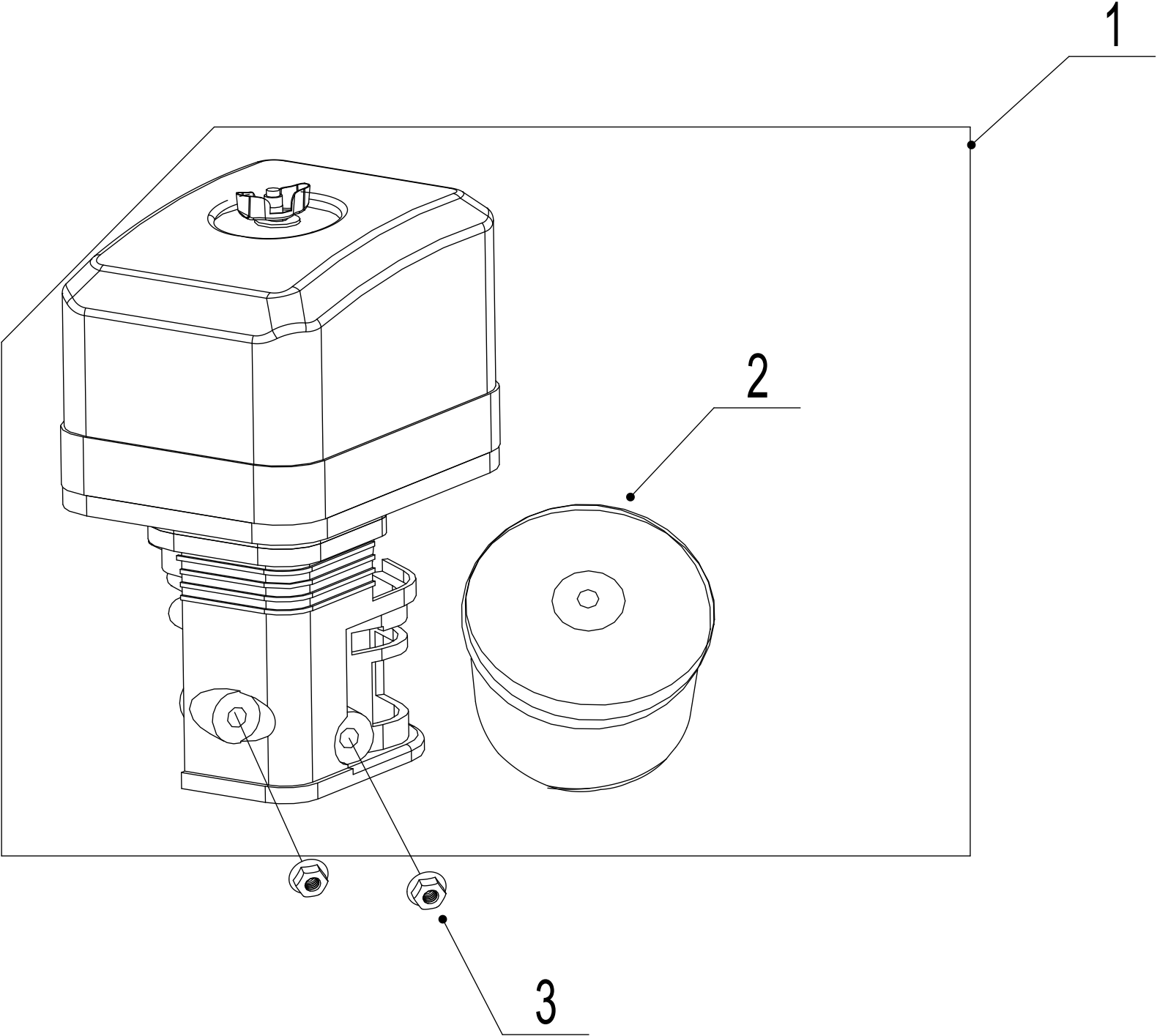
3	Crank Case Cover		
Nr.	Ersatzteilnummer	Name English	Menge
1	380140005-0006	Hexagon bolt with flange	7
2	380650337-0001	Oil seal	1
3	110690097-0003	Oil rule combination	2
4	110820016-0001	Crankcase cover	1
5	110830008-0001	Crankcase cover gasket	1
6	380630099-0001	Bearing	1
7	380630141-0002	Bearing	1
8	380600119-0001	ocation pin	2
9	171750046-0001	Components of governor gear	1
10	130450016-0001	Balancing shaft	1

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Crankshaft Piston



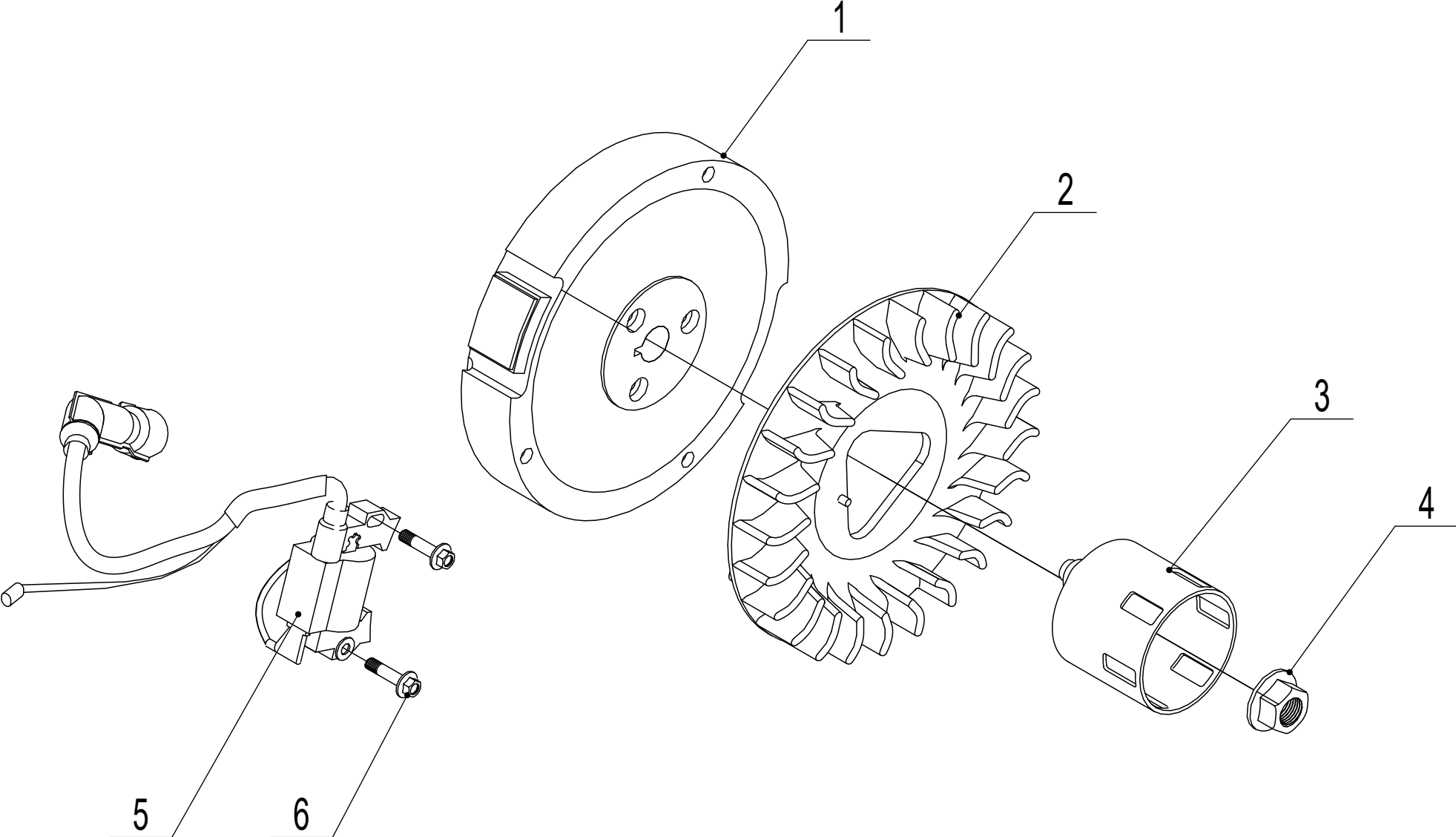
4	Crankshaft Spare		
Nr.	Ersatzteilnummer	Name English	Menge
1	130290115-0001	crankshaft	1
2	380620050-0001	Key	1
3	380620034-0001	Key	1
6	130070155-0001	Piston ring combination	1
7	130030233-0001	Piston	1
4	130150049-0001	Connecting rod	1
5	130180002-0001	Connecting rod bolt	2
9	380560057-0001	Steel cable baffle ring	2
8	130060034-0001	Piston pin	1

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Air Cleaner



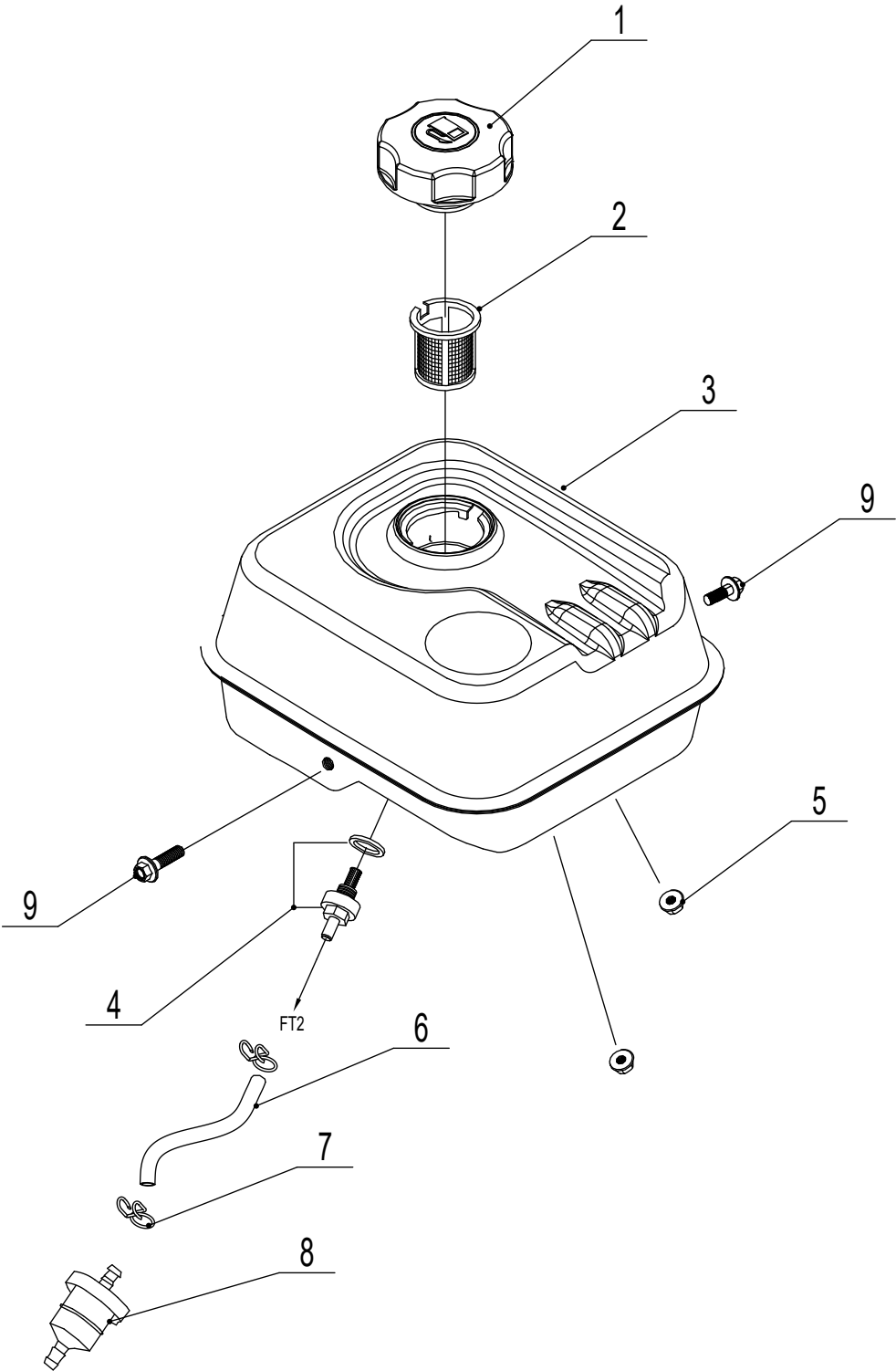
10	Air Cleaner		
Nr.	Ersatzteilnummer	Name English	Menge
1	180020315-0001	Air filter	1
2	180100035-0001	Air filter element combination	1
3	380370048-0001	Hexagon nut with flange	2

Model:G420F
Status Code:L3481
Flywheel



8	Flywheel		
Nr.	Ersatzteilnummer	Name English	Menge
1	270020084-0001	FLYWHEEL COMP	1
2	160180009-0001	Impeller	1
3	193590007-0001	Starting disc	1
4	380370050-0001	Hexagon nut with flange	1
5	270920619-0001	COIL ASSY.,IGNNTION	1
6	380140102-0004	Hexagon bolt with flange	2

Model:G420F
Status Code:L3481
Fuel Tank



12	Fuel Tank		
Nr.	Ersatzteilnummer	Name English	Menge
1	170870162-0001	Tank cover	1
2	170720009-0001	Pouring orifice filter	1
3	170501023-0007	Tank	1
4	170660077-0001	Tank oilout	1
5	380370048-0001	NUT , FLANGE	2
6	380750250-0002	Oil tube	1
7	380950188-0001	Pipe clip	2
8	170010016-0001	Fuel filter	1
9	380140091-0005	Hexagon bolt with flange	2