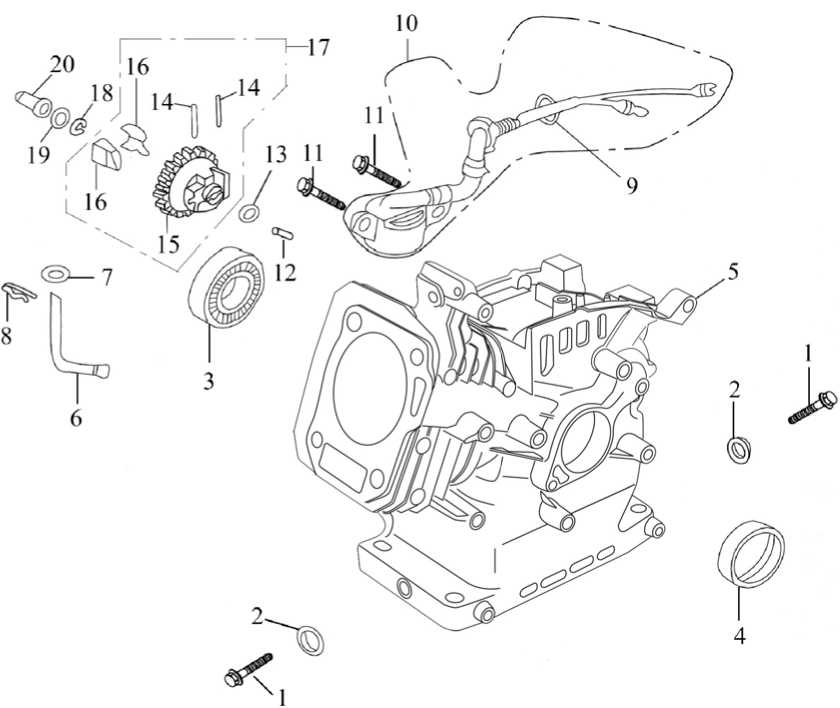
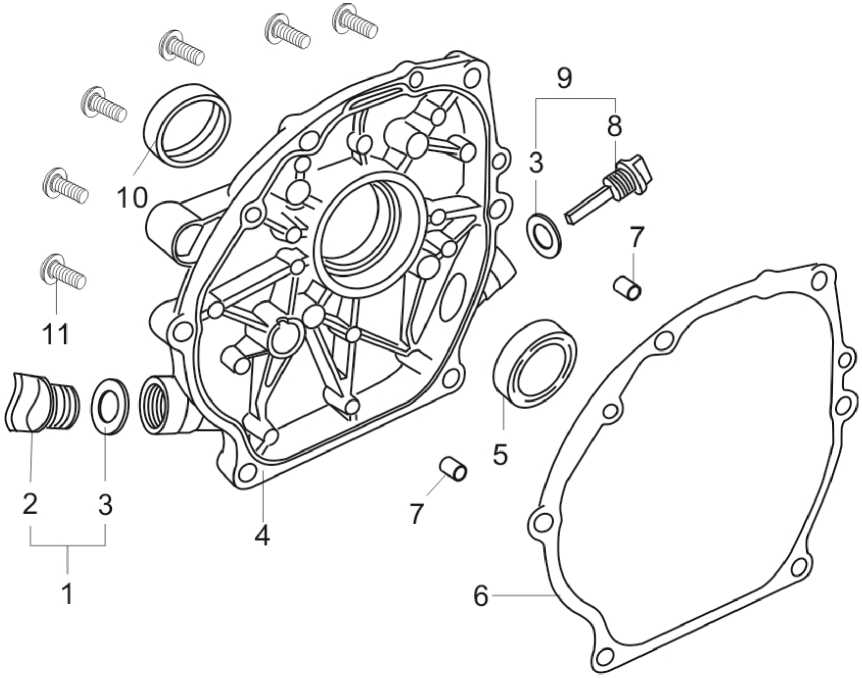
**E-1 CRANKCASE ASSY**



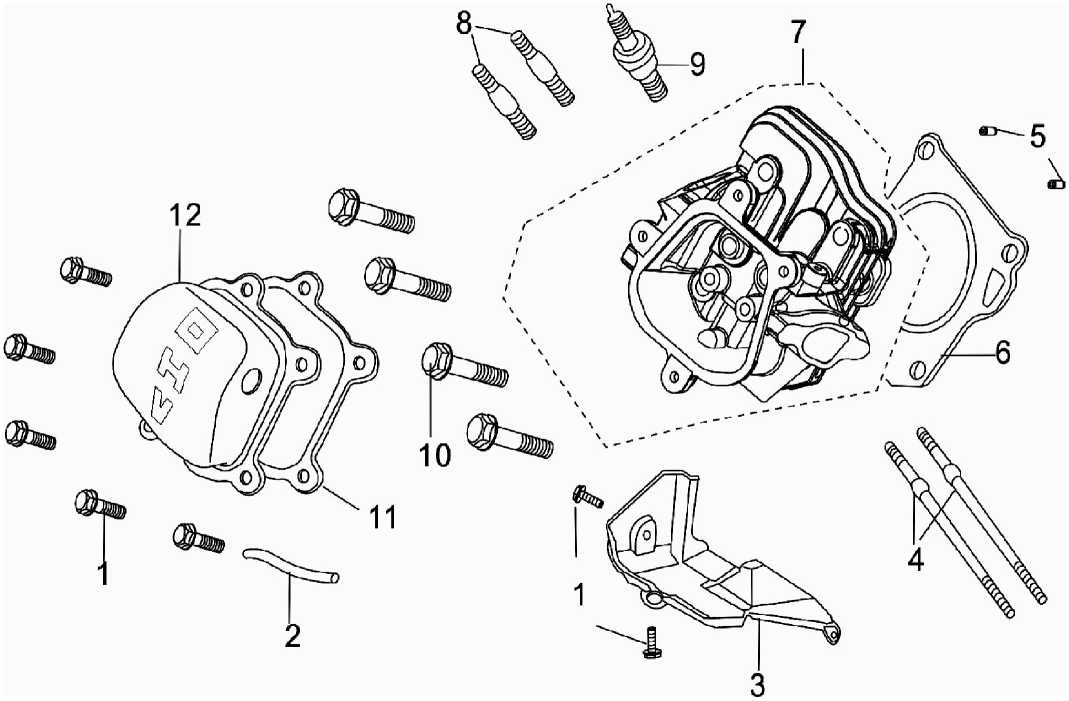
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| **S/N** | **Part No.** | **Description** |
| 1 | 11212/168F | Drain plug |
| 2 | 11213/168F | Washer |
| 3 | GB276-89 | Bearing 6205 |
| 4 | 13180/168F | Oil seal, crankshaft |
| 5 | 11100/168F-2A | Crankcase |
| 6 | 26311/168F | Regulating sway bar |
| 7 | 26329/168F | Washer |
| 8 | 26321/168F | Split pin |
| 9 | GB6177-86 | Nut M10 |
| 10 | 37810/168F | Oil sensor |
| 11 | GB5787-86 | Bolt M6X 14 |
| 12 | 25151/168F | Regulating shaft |
| 13 | 25165/168F | Washer, driven gear |
| 14 | 25163/168F | Pin |
| 15 | 25121/168F | Driven gear, regulator |
| 16 | 25141/168F | Flying block |
| 17 | 25120/168F | Driven gear assy, regulator |
| 18 | 25164/168F | Snap ring |
| 19 | 25132/168F | Washer |
| 20 | 25131/168F | Sliding sleeve |

**E-2 CRANKCASE COVER ASSY**



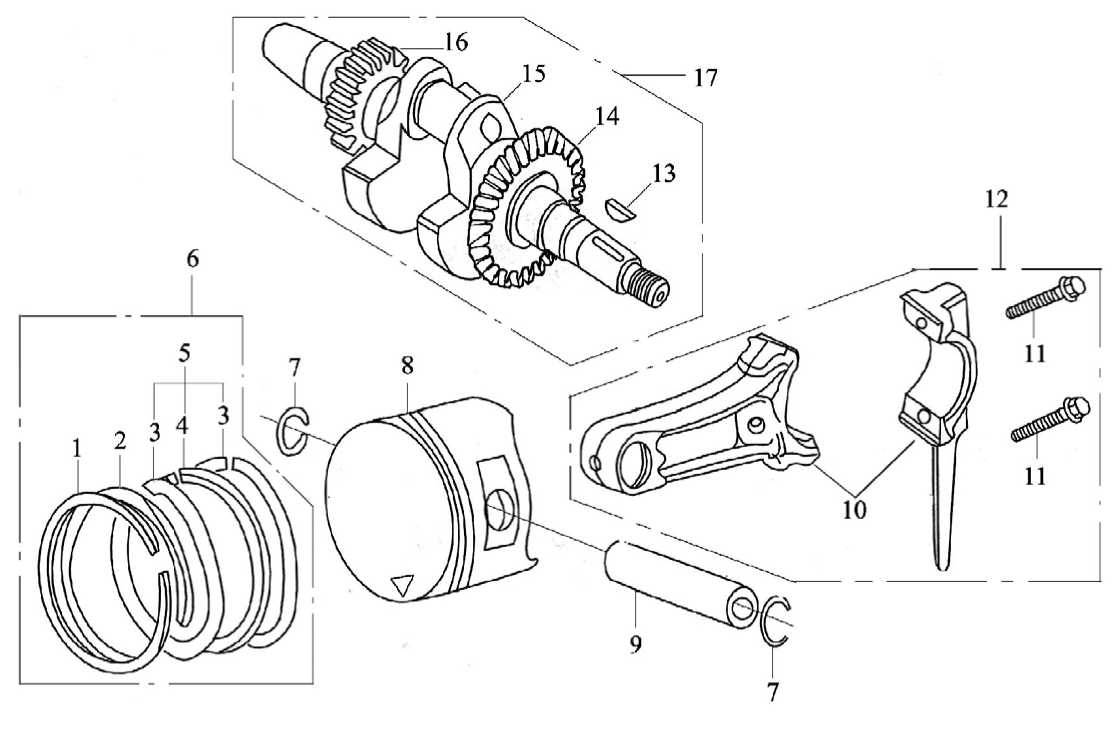
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| **S/N** | **Part No.** | **Description** |
| 1 | 15650/152F | Oil plug with Seal |
| 2 | 15651/152F | Oil plug |
| 3 | 15612/152F | Seal |
| 4 | 11311/168F-2A | Crankcase cover |
| 5 | GB276-89 | Bearing 6205 |
| 6 | 11119/168F-2A | Gasket, crankcase |
| 7 | 11118/168F | Set pin |
| 8 | 15611/152F | Dipstick |
| 9 | 15610/152F | Dipstick with seal |
| 10 | 13180/168F | Oil seal, crankshaft |
| 11 | GB5787-86 | Bolt M8X32 |

**E-3 CYLINDER HEAD & CYLINDER HEAD COVER ASSY**



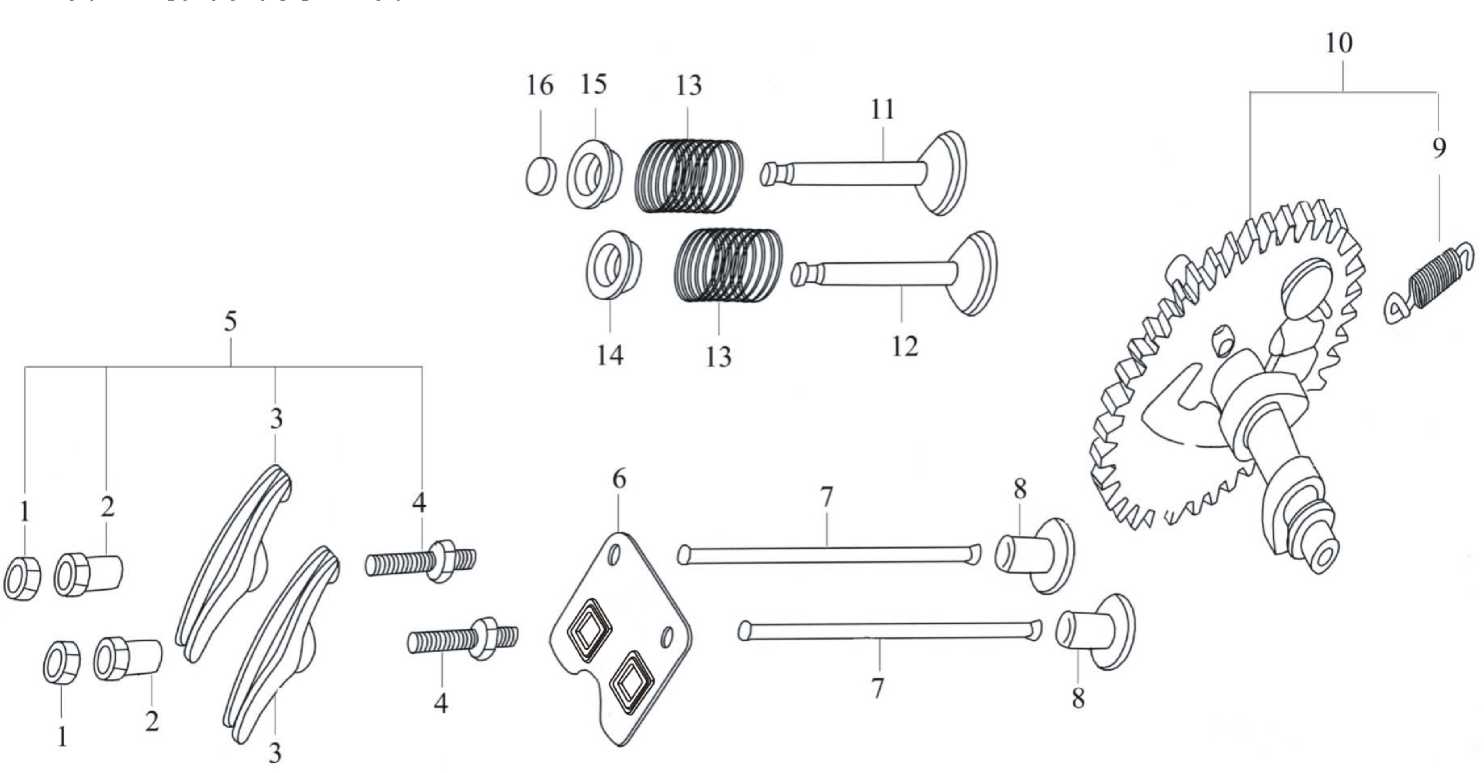
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| **S/N** | **Part No.** | **Description** |
| 1 | GB5787-86 | Bolt M6X12 |
| 2 | 20651/168F | Air duck |
| 3 | 19721/168F-2A | Lead wind cover |
| 4 | 12252/168F | Stud M6X109 |
| 5 | 12218/168F | Set pin\*10X16 |
| 6 | 12220/168F-2A | Gasket, cylinder head |
| 7 | 12210/168F-2A | Cylinder head Assy |
| 8 | 12253/168F | Stud M8X34 |
| 9 | 34200/168F | Spark plug F6TC |
| 10 | 12256/168F | Bolt |
| 11 | 12312/168F-2A | Gasket, cylinder head cover |
| 12 | 12310/168F-2A | Cylinder head cover Assy |

**E-4 CRANKSHAFT, PISTON & CONNECTING**



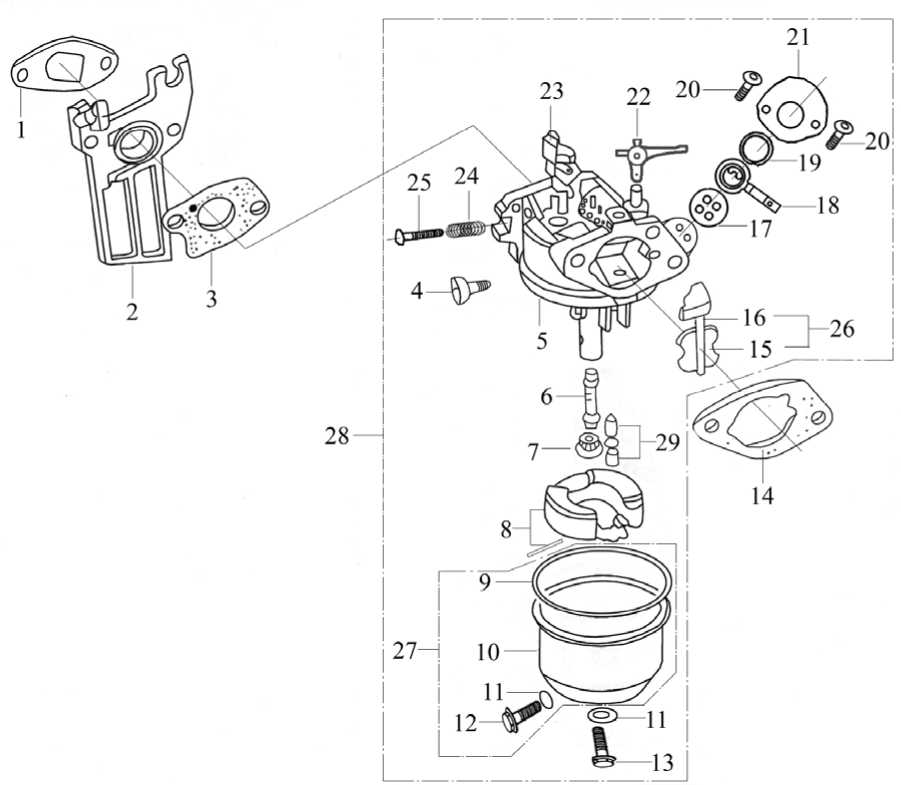
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| **S/N** | **Part No.** | **Description** |
| 1 | 13311/168F | Piston ring ( I ) |
| 2 | 13312/168F | Piston ring (II) |
| 3 | 13322/168F | Side rail |
| 4 | 13321/168F | Expander |
| 5 | 13320/168F | Scraper ring set |
| 6 | 13300/168F | Piston ring assy |
| 7 | 13222/168F | Piston pin circlip |
| 8 | 13211/168F-2 | Piston |
| 9 | 13221/168F | Piston pin |
| 10 | 13131/168F | Shank |
| 11 | 13133/168F | Bolt |
| 12 | 13130/168F | Connecting rod assy |
| 13 | 13118/168F | Woodruff key |
| 14 | 25111/168F | Drive gear |
| 15 | 13111/168F-2 | Crankshaft |
| 16 | 14211/168F | Timing driving gear |
| 17 | 13110/168F | Crankshaft assy |

**E-5 COMBINATION OF CAM SHAFT & VALVE ROCKER**



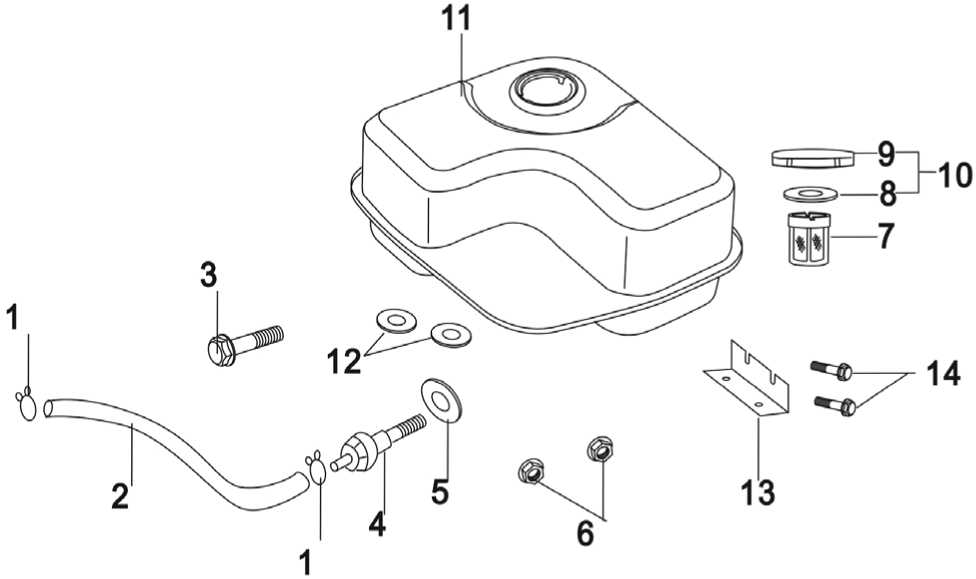
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| **S/N** | **Part No.** | **Description** |
| 1 | 14416/168F | Lock nut |
| 2 | 14413/168F | Sleeve |
| 3 | 14411/168F | Valve rocker |
| 4 | 14415/168F | Adjusting bolt for valve gap |
| 5 | 14410/168F | Valve rocker assy |
| 6 | 14260/168F | Pusher guide |
| 7 | 14250/168F | Pusher |
| 8 | 14455/168F-2 | Tappet |
| 9 | 14146/168F | Extension spring |
| 10 | 14100/168F-2 | Camshaft Assy |
| 11 | 14721/168F | Exhaust valve |
| 12 | 14711/168F | Intake valve |
| 13 | 14755/168F | Valve spring |
| 14 | 14751/168F | Spring seat, intake valve |
| 15 | 14757/168F | Spring seat, exhaust valve |
| 16 | 14758/168F | Cap |

**E-6 CARBURETOR ASSY**



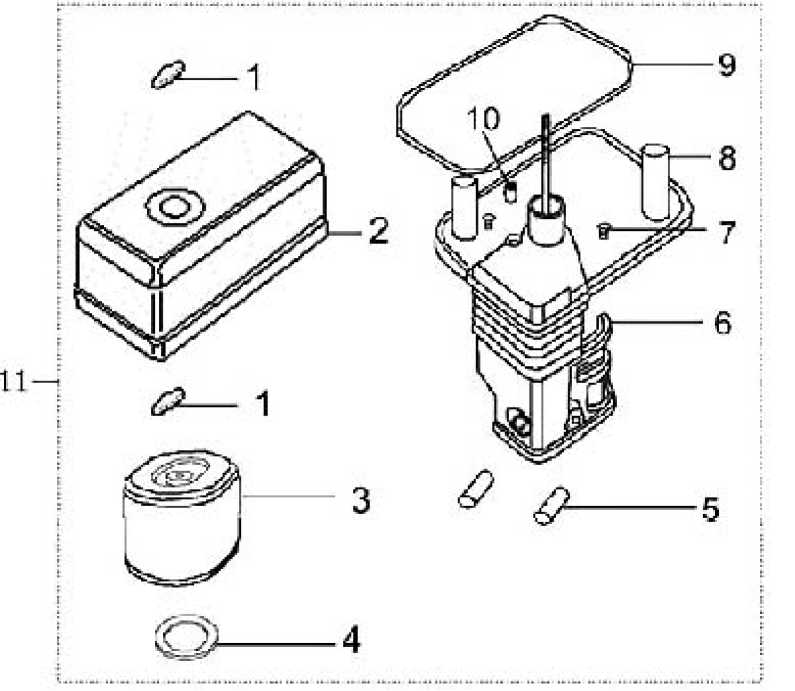
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| **S/N** | **Part No.** | **Description** |
| 1 | 12254/168F | Inlet gasket |
| 2 | 16141/168F | Connecting block |
| 3 | 16142/168F | Carburetor gasket |
| 4 | 16421/168F | Idle adjustment screw |
| 5 | 16250/168F-2 | Mixture chamber body |
| 6 | 16251/168F-2 | Main nozzle |
| 7 | 16254/168F-2 | Main jet |
| 8 | 16230/168F-2 | Float |
| 9 | 16219/168F-2 | Float chamber gasket |
| 10 | 16211/168F-2 | Float chamber |
| 11 | 16216/168F-2 | Washer |
| 12 | 16215/168F-2 | Float chamber drain Screw |
| 13 | 16213/168F-2 | Screw |
| 14 | 17330/168F | Air cleaner gasket |
| 15 | 16331/168F-2 | Choke |
| 16 | 16332/168F-2 | Choke stem |
| 17 | 16312/168F-2 | Airproof washer |
| 18 | 16311/168F-2 | Throttle lever |
| 19 | 16313/168F-2 | Washer |
| 20 | GB5787-86 | Screw M4 |
| 21 | 16314/168F-2 | Cover |
| 22 | 16148/168F-2 | Choke switch |
| 23 | 16280/168F-2 | Throttle unit |
| 24 | 16422/168F-2 | Spring, mixture adjustment screw |
| 25 | 16425/168F-2 | Mixture adjustment screw |
| 26 | 16330/168F-2 | Choke unit |
| 27 | 16210/168F-2 | Float chamber |
| 28 | 16100/168F-2 | Carburetor Assy |
| 29 | 16240/168F-2 | Float needle |

**E-7 FUEL TANK ASSY**



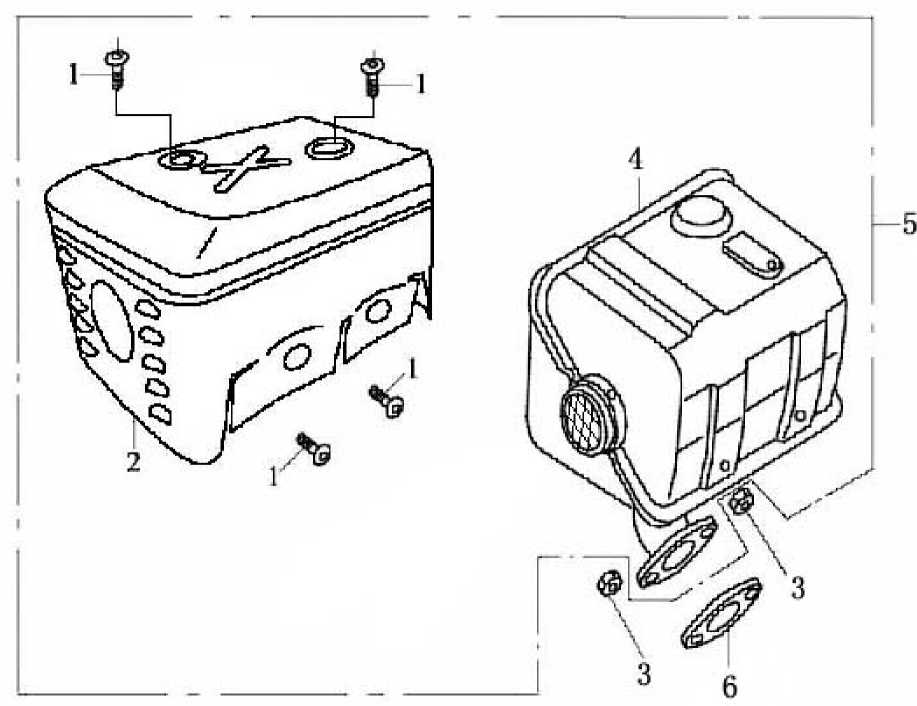
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| **S/N** | **Part No.** | **Description** |
| 1 | 16937/168F | Pipe clamp |
| 2 | 16931/168F | Outlet pipe |
| 3 | GB5787-86 | Bolt M6x22 |
| 4 | 16950/168F | Connector |
| 5 | 16961/168F | Packing ring |
| 6 | GB/T6170 | Nut M6 |
| 7 | 16916/168F | Filter cup |
| 8 | 16521/168F | Packing ring |
| 9 | 16510/168F | Fuel filler cap |
| 10 | 16500/168F | Fuel filler cap with packing ring |
| 11 | 16610 | Fuel tank |
| 12 | 41350/40ZB60-4.8T | Fuel tank shock pad |
| 13 | 16815 | Board |
| 14 | GB/T5789 | Bolt |

**E-8 AIR CLEANER ASSY**



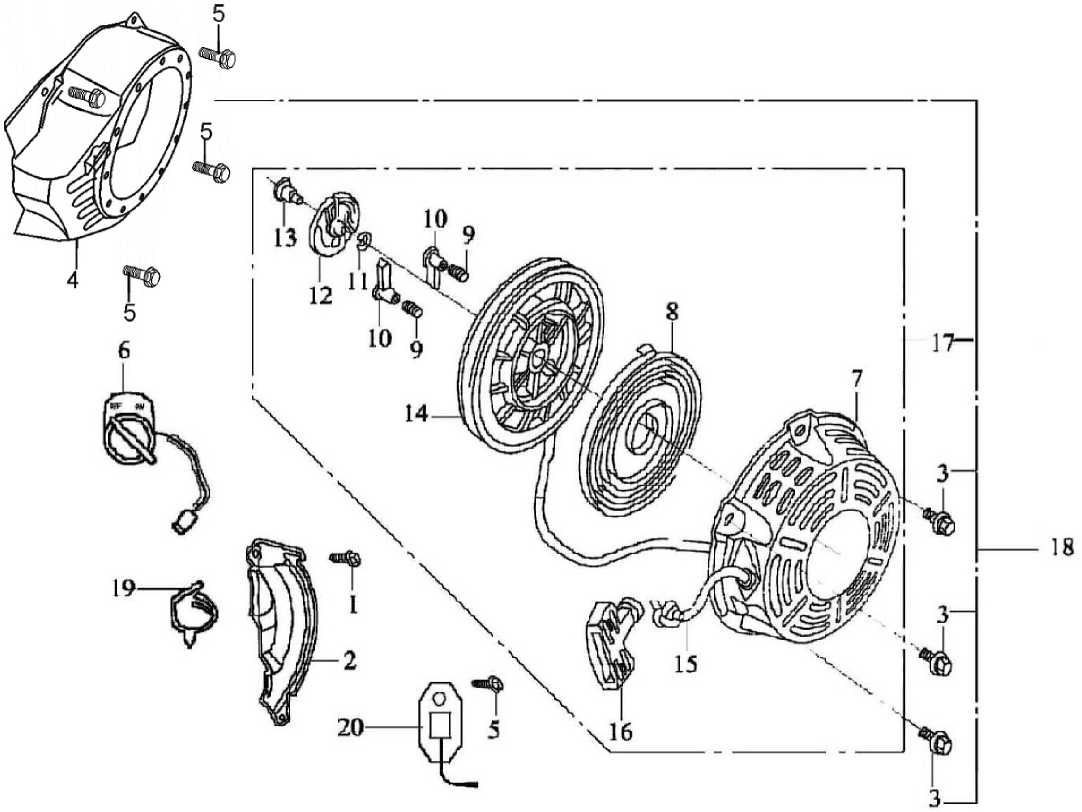
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| **Ref.No.** | **Part No** | **Description** |
| 1 | GB62-88 | Wing nut |
| 2 | 17111 | Air cleaner cover |
| 3 | 17130/168F | Filter element |
| 4 | 17125/168F | Washer |
| 5 | 17126/168F | Sleeve A |
| 6 | 17131 | Air cleaner housing |
| 7 | GB3115-82 | Screw M5X12 |
| 8 | 17141/168F | Air cleaner base |
| 9 | 17145/168F | Gasket |
| 10 | 17146/168F | Sleeve B |
| 11 | 17100 | Air cleaner assy |

**E-9 MUFFLER**



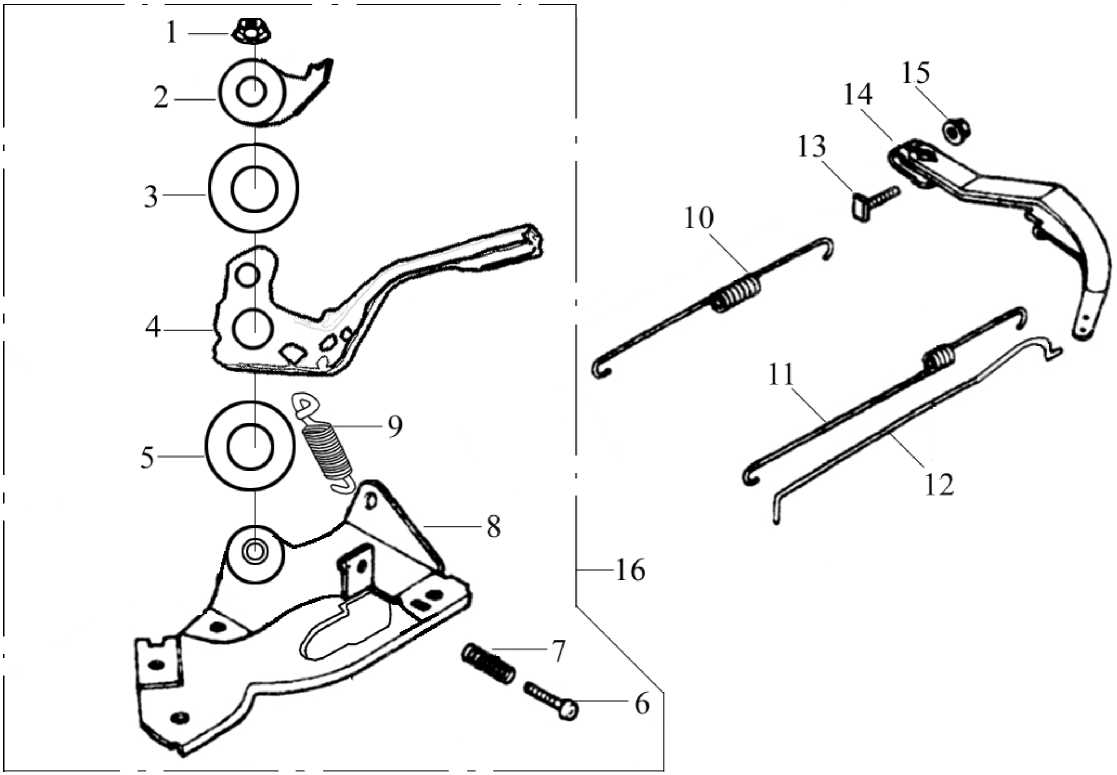
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| **Ref.No.** | **Part No** | **Description** |
| 1 | GB5787-86 | Screw M5X8 |
| 2 | 18600/168F | Muffler hood |
| 3 | GB6170-86 | Nut M8 |
| 4 | 18300/168F | Muffler |
| 5 | 18000/168F | Exhaust muffler |
| 6 | 12255/168F | Exhaust gasket |

**E-10 RECOIL STARTER**



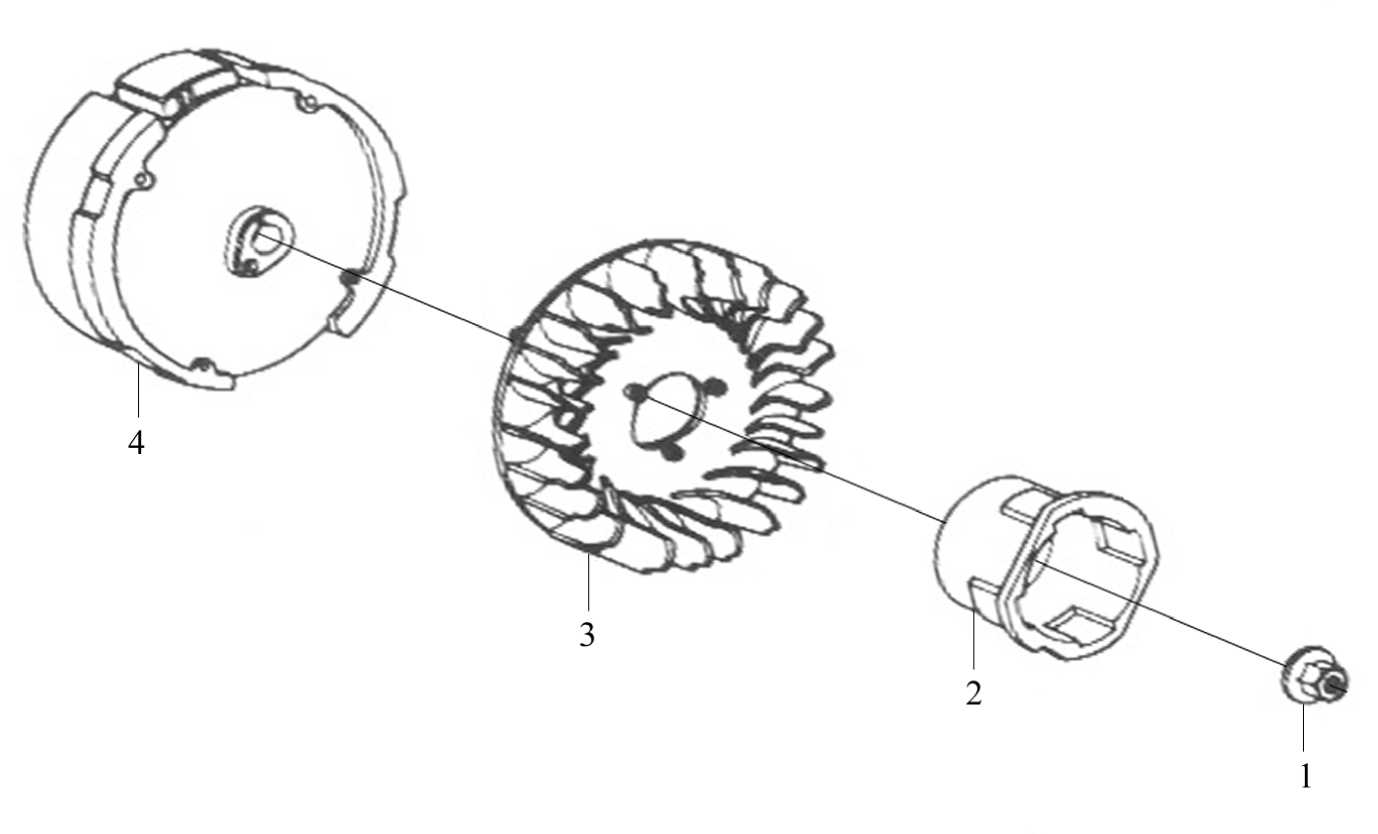
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| **Ref.No.** | **Part No** | **Description** |
| 1 | GB5787-86 | Bolt M6X22 |
| 2 | 19810/168F | Crankcase side plate assy |
| 3 | GB5787-86 | Bolt M6X8 |
| 4 | 19710/168F-2A | Fan hood assy |
| 5 | GB5787-86 | Bolt M6X12 |
| 6 | 35410/168F-A | Engine switch |
| 7 | 27380/168F-2A | Casing |
| 8 | 27319/168F | Spiral spring |
| 9 | 27312/168F | Ratchet spring |
| 10 | 27331/168F | Ratchet |
| 11 | 27311/168F | Friction spring |
| 12 | 27341/168F | Spring lid |
| 13 | 27315/168F | Set screw |
| 14 | 27351/168F | Starter rolls |
| 15 | 27313/168F | Rope |
| 16 | 27361/168F | Pulling handle |
| 17 | 27300/168F-2A | Recoil starter |
| 18 | 27100/168F-2A | Recoil starter assy |
| 19 | 32211/168F | Plastic clip |
| 20 | 37850/168F-A | Diode |

**E-11 REGULATING CONTROL SYSTEM**



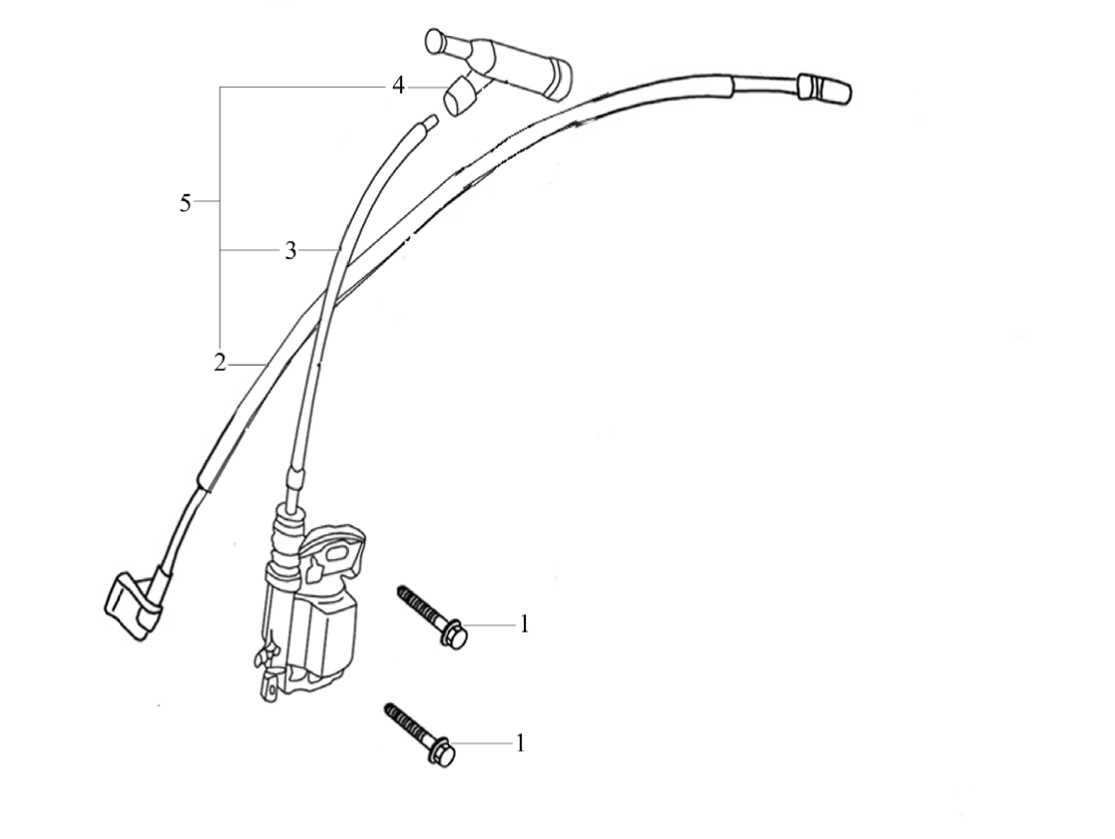
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| **Ref.No.** | **Part No** | **Description** |
| 1 | GB6173-86 | Nut M6 |
| 2 | 26414/168F | Setting panel |
| 3 | 26418/168F | Spring patch |
| 4 | 26430/168F | Handgrip assy |
| 5 | 26419/168F | Washer |
| 6 | GB818-85-H | Bolt M5X25 |
| 7 | 26415/168F | Regulating spring |
| 8 | 26420/168F | Support panel assy |
| 9 | 26416/168F | Spring |
| 10 | 26363/168F | Back spring |
| 11 | 26364/168F | Fine regutaling spring |
| 12 | 26341/168F | Pulling rod |
| 13 | 26362/168F | Lock bolt |
| 14 | 26331/168F | Regulating arm |
| 15 | GB6177-86 | Nut M6 |
| 16 | 26410/168F | Regulating frame assy |

**E-12 FLYWHEEL**



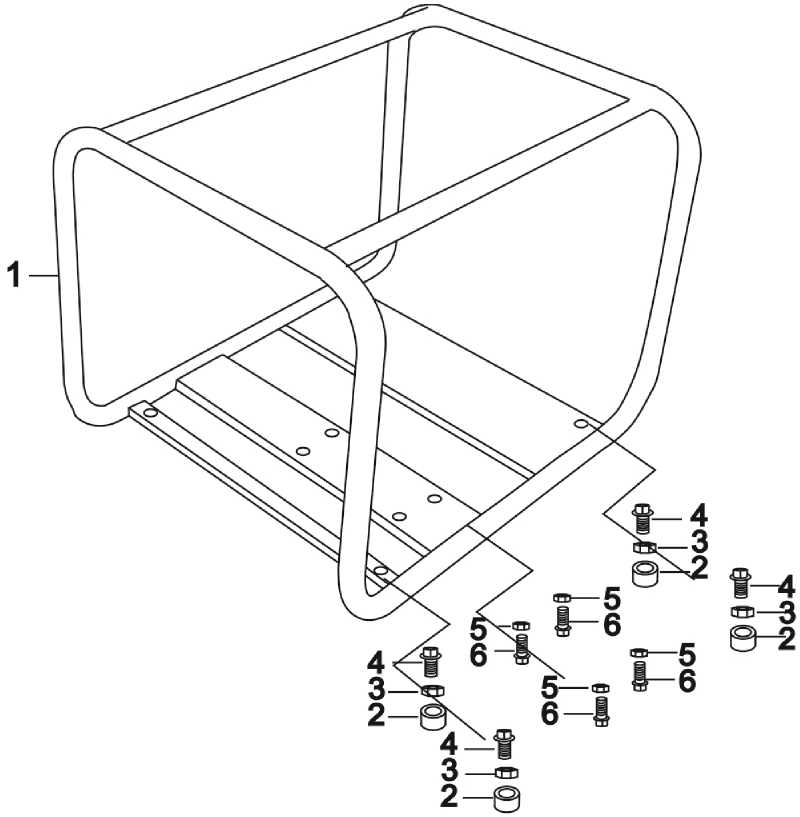
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| **Ref.No.** | **Part No** | **Description** |
| 1 | 27515/168F | Nut M14x 1.5 |
| 2 | 27370/168F-2A | Starting flange |
| 3 | 19722/168F | Flywheel fan |
| 4 | 27500/168F | Flywheel |

**E-13 IGNITION COIL**



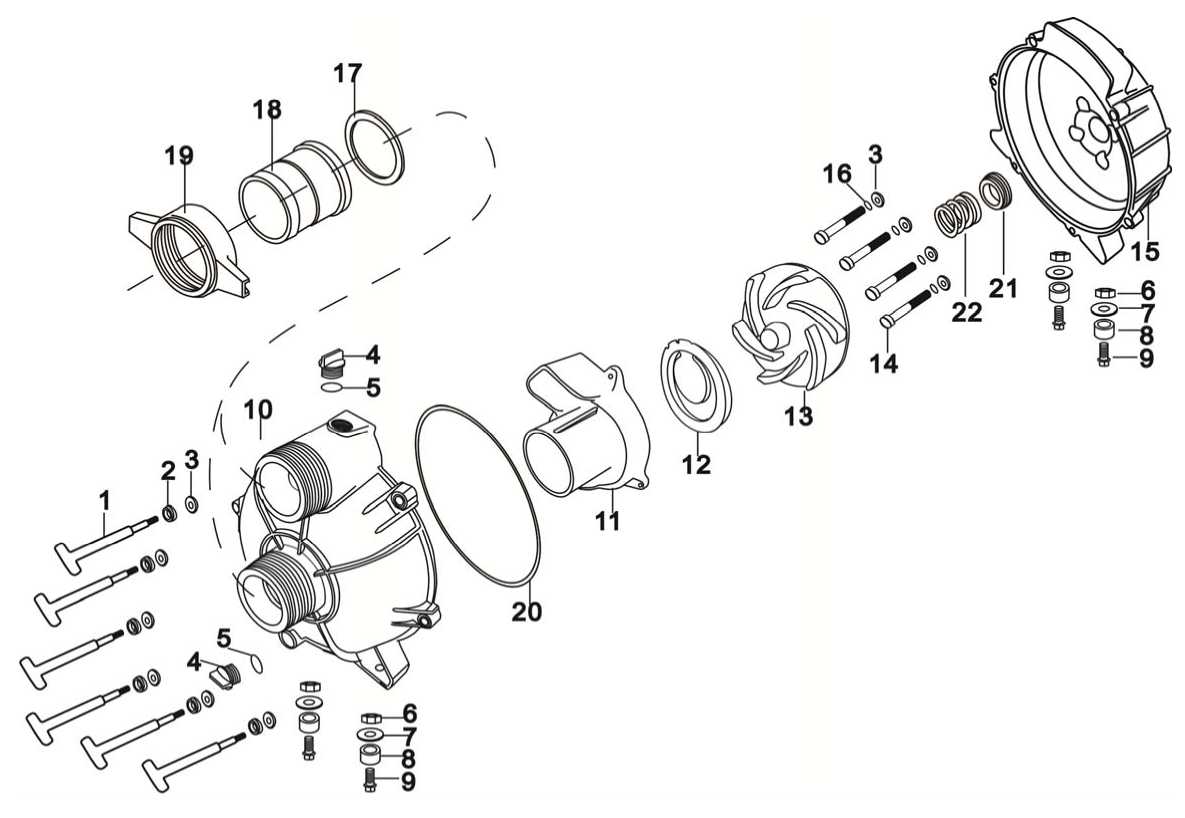
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| **Ref.No.** | **Part No** | **Description** |
| 1 | GB5787-86 | Screw M6X25 |
| 2 | 34410/168F | Engine stop cable |
| 3 | 34510/168F | Ignition coil |
| 4 | 34310/168F | Spark plug cap |
| 5 | 34500/168F | Ignition coil assy |

**E-14 FRAME**



|  |  |  |
| --- | --- | --- |
| **S/N** | **Part No.** | **Description** |
| 1 | 511100 | 3 " Frame sub-assy. |
| 2 | GB/T923-88 | Nut M6 |
| 3 | 41310 | Rubber |
| 4 | GB/T5787 | Bolt, M6X12 |
| 5 | GB/T6170 | Nut, M8 |
| 6 | GB/T5787 | Bolt, M8X32 |

**E-15 WATER PUMP ASSY**



|  |  |  |
| --- | --- | --- |
| **S/N** | **Part No.** | **Description** |
| 1 | 51128 | Bolt, M6T |
| 2 | GB/T93-1987 | Washer |
| 3 | GB/T95-2000 | Washer, copper |
| 4 | 51241 | Plug, Drain |
| 5 | 51242 | O-Ring |
| 6 | GB/T6177.1-2000 | Nut, M8 |
| 7 | 51227 | Washer |
| 8 | 51226 | Rubber |
| 9 | GB/T5783-2000 | Bolt, M8x20 |
| 10 | 51123 | Housing, Front |
| 11 | 51215 | Cover, Impeller |
| 12 | 51222 | Gasket, Inlet Flange |
| 13 | 51214 | Impeller |
| 14 | GB/T70.1-2000 | Bolt, M8x30 |
| 15 | 51211 | Housing, rear |
| 16 |  | Washer |
| 17 | 51219 | Gasket, 3” |
| 18 | 51218 | Pipe, 3” |
| 19 | 51217 | Union, hose 3” |
| 20 | 51212 | O-Ring |
| 21 | 51231 | Seal, mechanical |
| 22 | 51232 | Seal, mechanical |