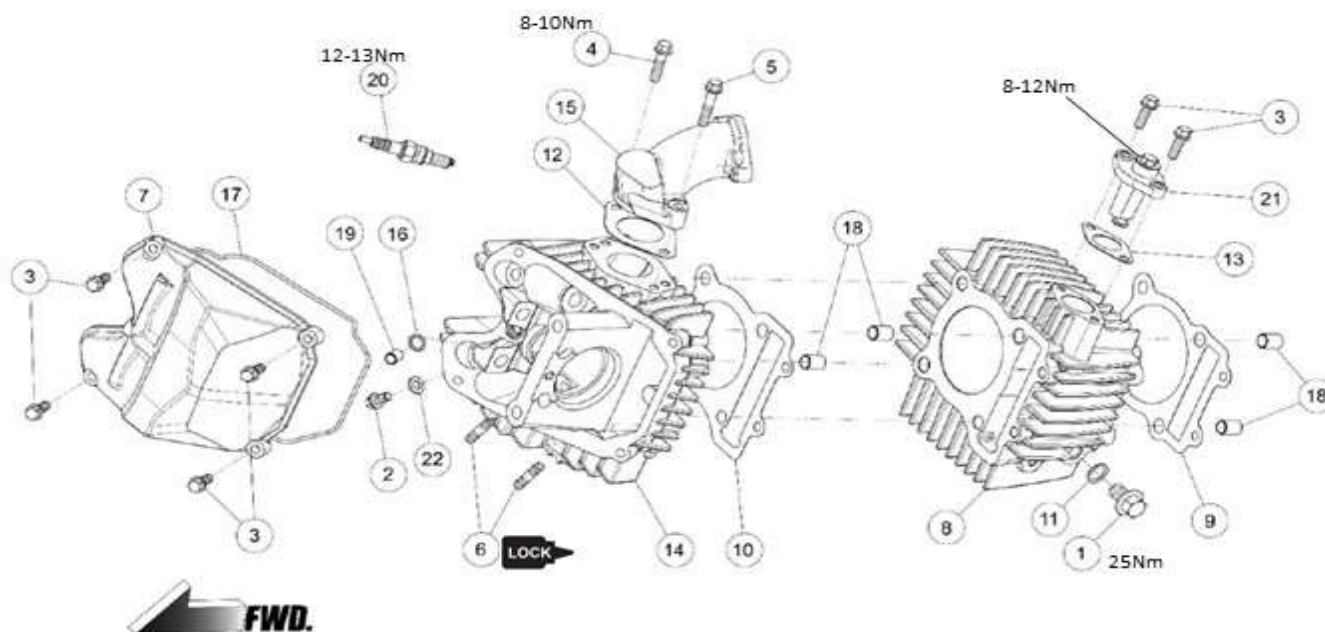


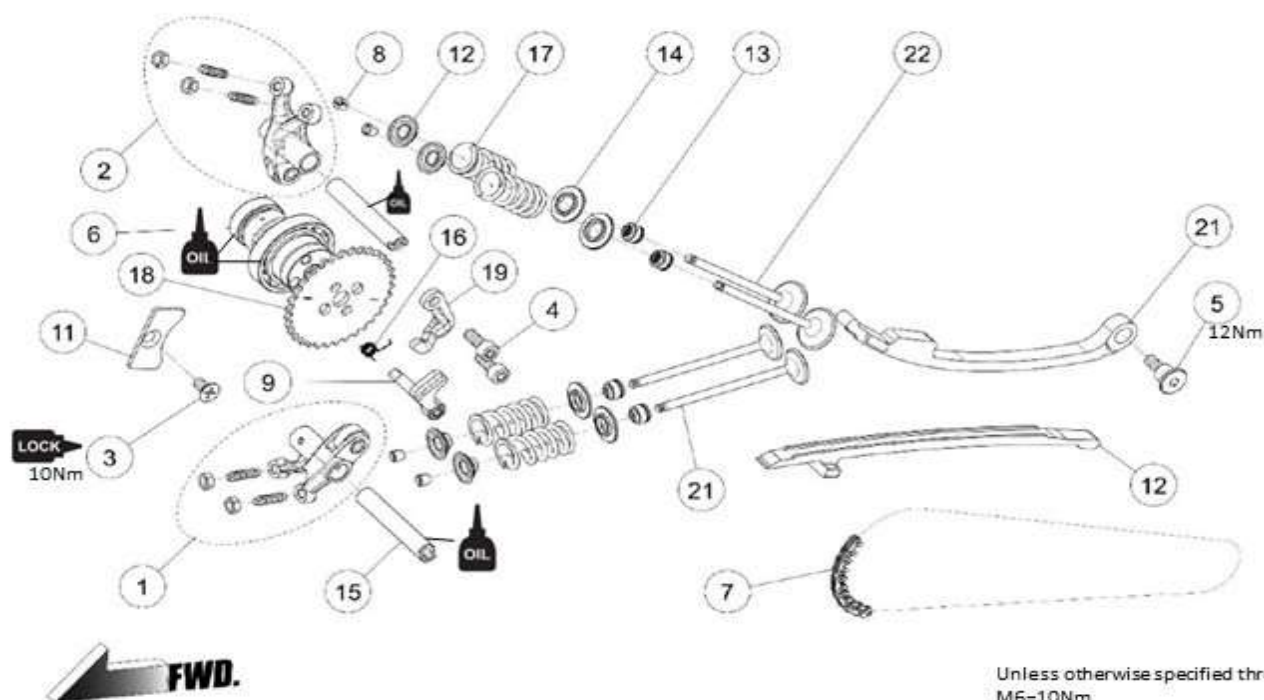
# **01 HEAD / CYLINDER**



Unless otherwise specified threads  
M6=10Nm  
M8=20Nm

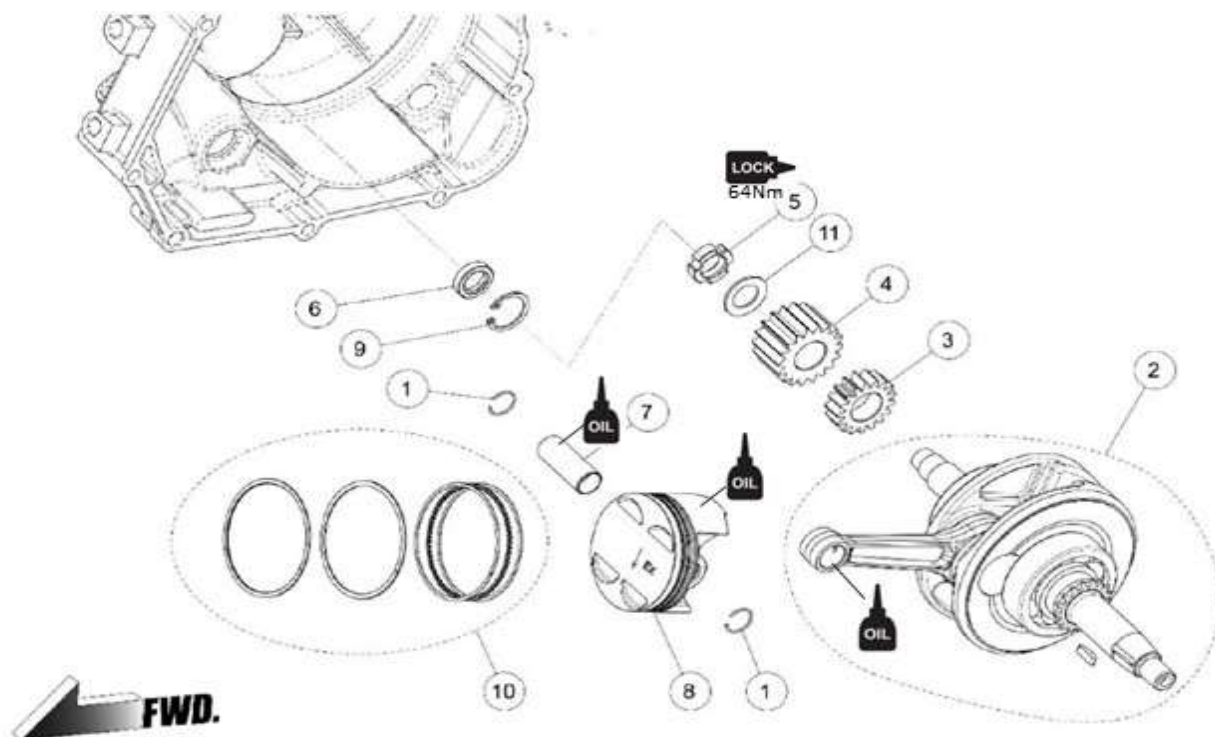
| Ref# | PartNo. | DESCRIPTION                    | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|--------------------------------|-----|------------|------------|------------|------------|
| 1    | 86448   | BOLT, HEXAGON FLANGE M10x16    | 1   | ●          | ●          | ●          | ●          |
| 2    | 85877   | BOLT, HEXAGON FLANGE M6x12     | 1   | ●          | ●          | ●          | ●          |
| 3    | 86468   | BOLT, HEXAGON FLANGE M6x18     | 6   | ●          | ●          | ●          | ●          |
| 4    | 86466   | BOLT, HEXAGON FLANGE M6x25     | 1   | ●          | ●          | ●          | ●          |
| 5    | 86471   | BOLT, HEXAGON FLANGE M6x30     | 1   | ●          | ●          | ●          | ●          |
| 6    | 83703   | BOLT, STUD M6x32               | 2   | ●          | ●          | ●          | ●          |
| 7    | 86367   | COVER, CYLINDER HEAD,SILVER    | 1   | ●          | ●          | ●          | ●          |
| 8    | 87975   | CYLINDER,66MM                  | 1   |            |            | ●          | ●          |
| 8    | 86366   | CYLINDER,62MM                  | 1   | ●          | ●          |            |            |
| 9    | 89458   | GASKET, BASE CYLINDER          | 1   | ●          | ●          | ●          | ●          |
| 10   | 86440   | GASKET, HEAD CYLINDER, ANIMA4V | 1   | ●          | ●          | ●          | ●          |
| 11   | 86476   | GASKET, M10                    | 1   | ●          | ●          | ●          | ●          |
| 12   | 86405   | GASKET, MANIFOLD               | 1   | ●          | ●          | ●          | ●          |
| 13   | 86439   | GASKET, TANSIONER CAM CHAIN    | 1   | ●          | ●          | ●          | ●          |
| 14   | 86368   | HEAD, CYLINDER                 | 1   | ●          | ●          | ●          | ●          |
| 15   | 86404   | MANIFOLD, INTAKE               | 1   | ●          | ●          | ●          | ●          |
| 16   | 86479   | O-RING                         | 1   | ●          | ●          | ●          | ●          |
| 17   | 86434   | O-RING, COVER HEAD             | 1   | ●          | ●          | ●          | ●          |
| 18   | 83720   | PIN, DOWEL Φ10xΦ8.4x14         | 4   | ●          | ●          | ●          | ●          |
| 19   | 83747   | PIN, DOWEL Φ8xΦ6.3x12          | 1   | ●          | ●          | ●          | ●          |
| 20   | 86429   | SPARK PLUG ER9EH-6N            | 1   | ●          | ●          | ●          | ●          |
| 20   | 87008   | SPARK PLUG ER9EH ※OPTION       | 1   | ※          | ※          | ※          | ※          |
| 21   | 86396   | TENSIONER, CAM CHAIN COMP      | 1   | ●          | ●          | ●          | ●          |
| 22   | 86456   | WASHER, Φ6.3xΦ12x1.5           | 1   | ●          | ●          | ●          | ●          |

# 02 VALVE MECHANISM



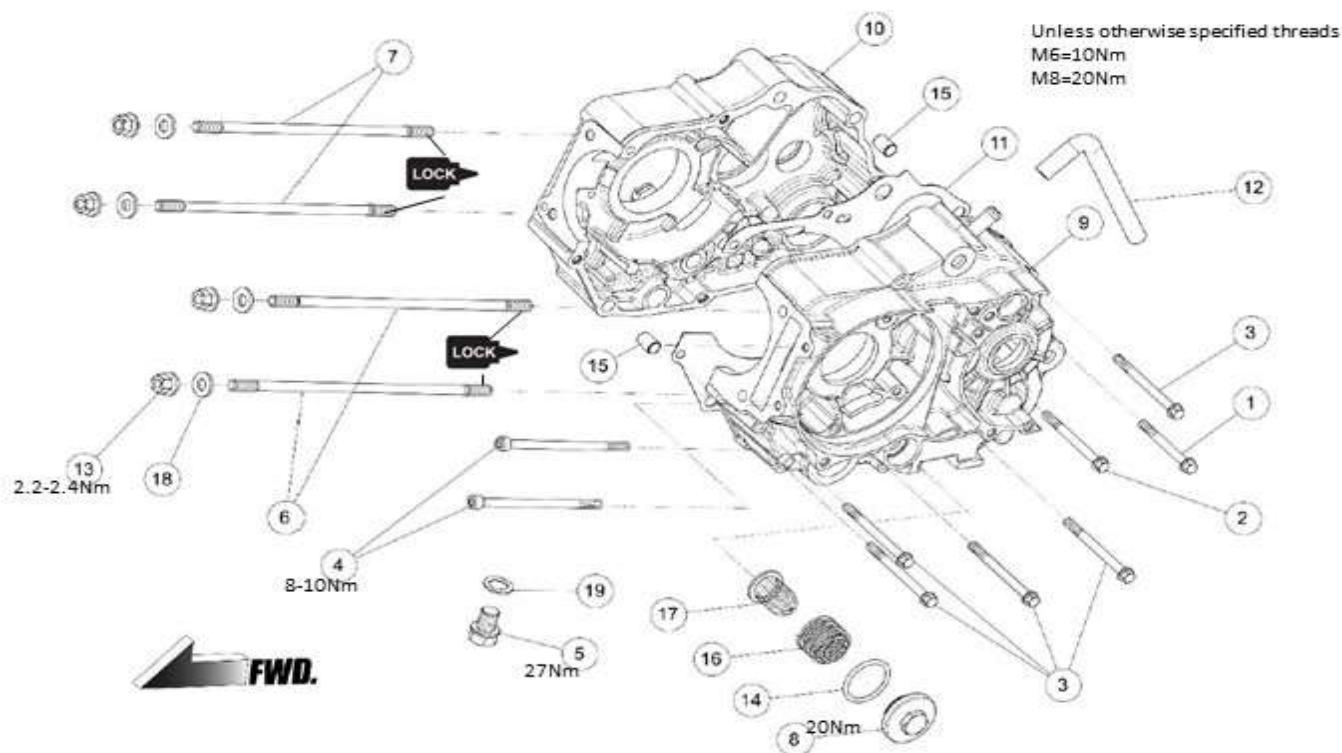
Unless otherwise specified threads  
 M6=10Nm  
 M8=20Nm

| Ref# | PartNo. | DESCRIPTION                      | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|----------------------------------|-----|------------|------------|------------|------------|
| 1    | 86481   | ARM, ROCKER ROLLER EXHAUST COMP  | 1   | ●          | ●          | ●          | ●          |
| 2    | 86393   | ARM, ROCKER ROLLER INTAKE COMP   | 1   | ●          | ●          | ●          | ●          |
| 3    | 86460   | BOLT, COUNTERSINK M6x15          | 1   | ●          | ●          | ●          | ●          |
| 4    | 86883   | SCREW M6X16                      | 2   | ●          | ●          | ●          | ●          |
| 5    | 86447   | BOLT, TENSIONER                  | 1   | ●          | ●          | ●          | ●          |
| 6    | 87347   | CAMSHAFT COMP, ECO-CAM (00)      | 1   | ※          | ※          | ※          | ※          |
| 6    | 86878   | CAMSHAFT COMP, 190CC RACING 240° | 1   | ●          | ●          | ●          | ●          |
| 7    | 86391   | CHAIN, CAMSHAFT DRIVE            | 1   | ●          | ●          | ●          | ●          |
| 8    | 86402   | COTTER, VALVE                    | 8   | ●          | ●          | ●          | ●          |
| 9    | 89681   | SHAFT W/WEIGHT,DECOMP. VER3      | 1   | ●          | ●          | ●          | ●          |
| 10   | 86395   | GUIDE , CHAIN CAMSHAFT           | 1   | ●          | ●          | ●          | ●          |
| 11   | 86389   | PLATE, STOPPER CAM               | 1   | ●          | ●          | ●          | ●          |
| 12   | 86400   | RETAINER, SPRING VALVE           | 4   | ●          | ●          | ●          | ●          |
| 13   | 86403   | SEAL, VALVE STEM Φ4.5            | 4   | ●          | ●          | ●          | ●          |
| 14   | 86401   | SEAT, SPRING VALVE               | 4   | ●          | ●          | ●          | ●          |
| 15   | 86392   | SHAFT, ROCKER                    | 2   | ●          | ●          | ●          | ●          |
| 16   | 87621   | SPRING,RETURN DECOMP. VER2       | 1   | ●          | ●          | ●          | ●          |
| 17   | 87343   | SPRING,VALVE                     | 4   | ●          | ●          | ●          | ●          |
| 18   | 86879   | SPROCKET, CAMSHAFT DRIVEN        | 1   | ●          | ●          | ●          | ●          |
| 19   | 87620   | PLATE,STOPPER DECOMP. VER2       | 1   | ●          | ●          | ●          | ●          |
| 20   | 86394   | TENSIONER, CAM CHAIN             | 1   | ●          | ●          | ●          | ●          |
| 21   | 86623   | VALVE, EXHAUST Φ21               | 2   | ●          | ●          | ●          | ●          |
| 22   | 86397   | VALVE, INTAKE Φ24.5              | 2   | ●          | ●          | ●          | ●          |

**03 PISTON / CRANKSHAFT**

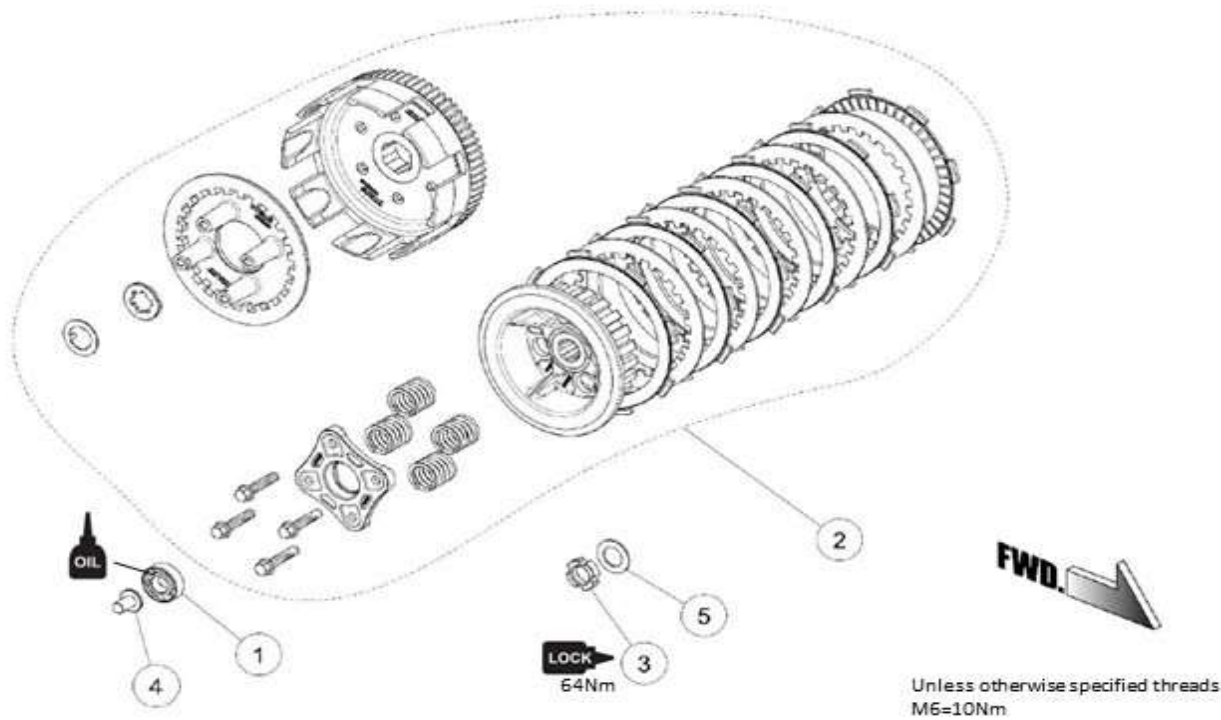
| Ref# | PartNo. | DESCRIPTION                     | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|---------------------------------|-----|------------|------------|------------|------------|
| 1    | 86453   | CLIP, PIN PISTON                | 2   | ●          | ●          | ●          | ●          |
| 2    | 80315   | CRANKSHAFT ASSY, 55.5MM, 5SPEED | 1   |            |            | ●          | ●          |
| 2    | 89144   | CRANKSHAFT ASSY, 62MM, 5SPEED   | 1   | ●          | ●          |            |            |
| 3    | 86383   | GEAR, OIL PUMP DRIVE            | 1   | ●          | ●          | ●          | ●          |
| 4    | 86415   | GEAR, PRIMARY DRIVE             | 1   | ●          | ●          | ●          | ●          |
| 5    | 83768   | NUT, SMALL M14                  | 1   | ●          | ●          | ●          | ●          |
| 6    | 86443   | OIL SEAL, Φ12xΦ20x5t            | 1   | ●          | ●          | ●          | ●          |
| 7    | 87978   | PIN, PISTON L=39.0 FOR 66MM     | 1   |            |            | ●          | ●          |
| 7    | 86379   | PIN, PISTON L=36.5 FOR 62MM     | 1   | ●          | ●          |            |            |
| 8    | 80316   | PISTON DT190S, 66MM             | 1   |            |            | ●          | ●          |
| 8    | 86621   | PISTON DT190F, 62MM             | 1   | ●          | ●          |            |            |
| 9    | 86462   | RETAINING RING, RTWN22          | 1   | ●          | ●          | ●          | ●          |
| 10   | 87977   | RING SET, FOR PISTON 66MM       | 1   |            |            | ●          | ●          |
| 10   | 86380   | RING SET, FOR PISTON 62MM       | 1   | ●          | ●          |            |            |
| 11   | 86411   | WASHER, SPRING                  | 1   | ●          | ●          | ●          | ●          |

## 04 CRANKCASE



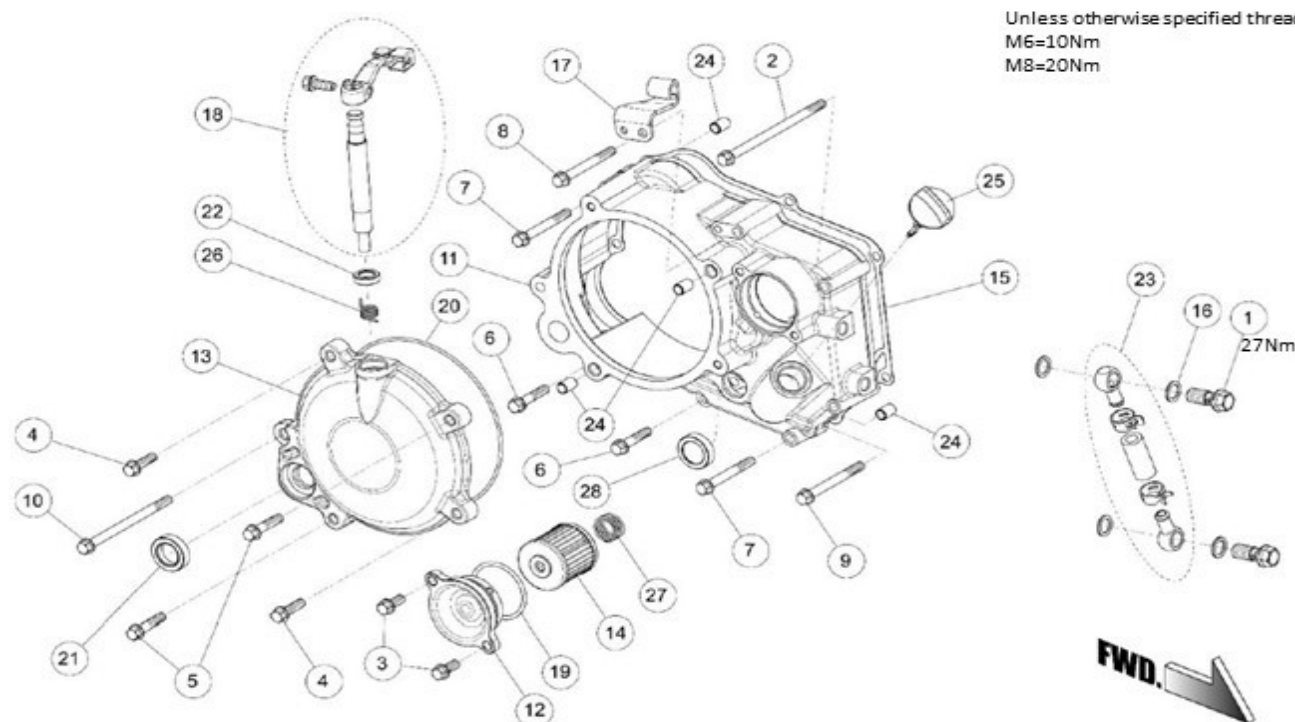
| Ref# | PartNo. | DESCRIPTION                        | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|------------------------------------|-----|------------|------------|------------|------------|
| 1    | 86474   | BOLT, HEXAGON FLANGE M6x55         | 1   | ●          | ●          | ●          | ●          |
| 2    | 83761   | BOLT, HEXAGON FLANGE M6x65         | 1   | ●          | ●          | ●          | ●          |
| 3    | 86360   | BOLT, HEXAGON FLANGE M6x70         | 5   | ●          | ●          | ●          | ●          |
| 4    | 86459   | BOLT, HEXAGON SOCKET M6x108        | 2   | ●          | ●          | ●          | ●          |
| 5    | 81008   | BOLT, OIL DRAIN M12x15 WITH MAGNET | 1   | ※          | ※          | ※          | ※          |
| 5    | 83755   | BOLT, OIL DRAIN M12x15             | 1   | ●          | ●          | ●          | ●          |
| 6    | 86444   | BOLT, STUD A                       | 2   | ●          | ●          | ●          | ●          |
| 7    | 86445   | BOLT, STUD B                       | 2   | ●          | ●          | ●          | ●          |
| 8    | 86369   | COVER, STRAINER OIL                | 1   | ●          | ●          | ●          | ●          |
| 9    | 89143   | CRANK CASE(LH), 5SPEED, KICKSTART  | 1   | ●          | ●          | ●          | ●          |
| 10   | 88848   | CRANK CASE(RH), 5SPEED, KICKSTART  | 1   | ●          | ●          | ●          | ●          |
| 11   | 86438   | GASKET, CRANKCASE                  | 1   | ●          | ●          | ●          | ●          |
| 12   | 86371   | HOSE, BREATHER                     | 1   | ●          | ●          | ●          | ●          |
| 13   | 86451   | NUT FLANGE, M8                     | 4   | ●          | ●          | ●          | ●          |
| 14   | 86433   | O-RING, Φ30xΦ3                     | 1   | ●          | ●          | ●          | ●          |
| 15   | 83720   | PIN, DOWEL Φ10xΦ8.4x14             | 2   | ●          | ●          | ●          | ●          |
| 16   | 86385   | SPRING, STRAINER                   | 1   | ●          | ●          | ●          | ●          |
| 17   | 86387   | STRAINER, OIL                      | 1   | ●          | ●          | ●          | ●          |
| 18   | 86457   | WASHER, GASKET M8                  | 4   | ●          | ●          | ●          | ●          |
| 19   | 83754   | WASHER, OIL DRAIN M12              | 1   | ●          | ●          | ●          | ●          |

05 CLUTCH



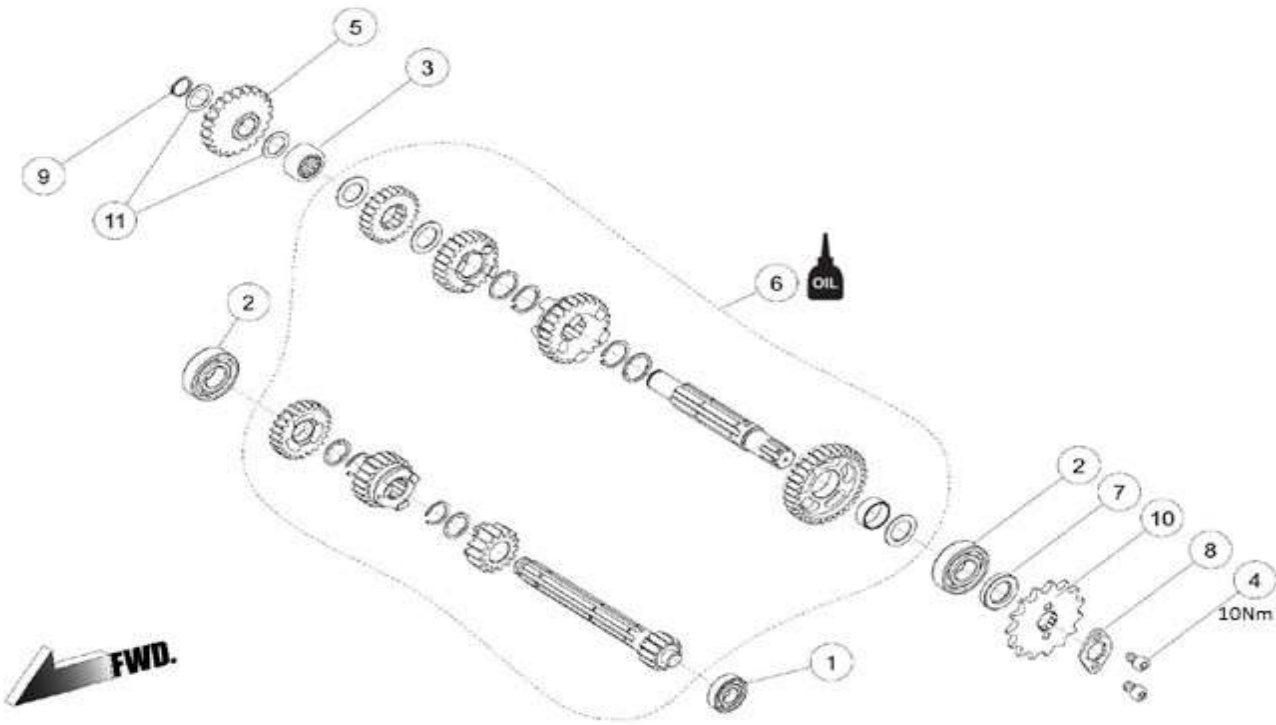
| Ref# | PartNo. | DESCRIPTION                    | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|--------------------------------|-----|------------|------------|------------|------------|
| 1    | 83786   | BEARING, #6000                 | 1   | ●          | ●          | ●          | ●          |
| 2    | 87619   | CLUTCH COMP, W/FORGED GEAR     | 1   | ●          | ●          | ●          | ●          |
| 3    | 83768   | NUT, SMALL M14                 | 1   | ●          | ●          | ●          | ●          |
| 4    | 83787   | PIN, LIFTER CLUTCH             | 1   | ●          | ●          | ●          | ●          |
| 5    | 86410   | WASHER, SPRING Φ 24xΦ 14.2x1.2 | 1   | ●          | ●          | ●          | ●          |

## 06 COVER CLUTCH



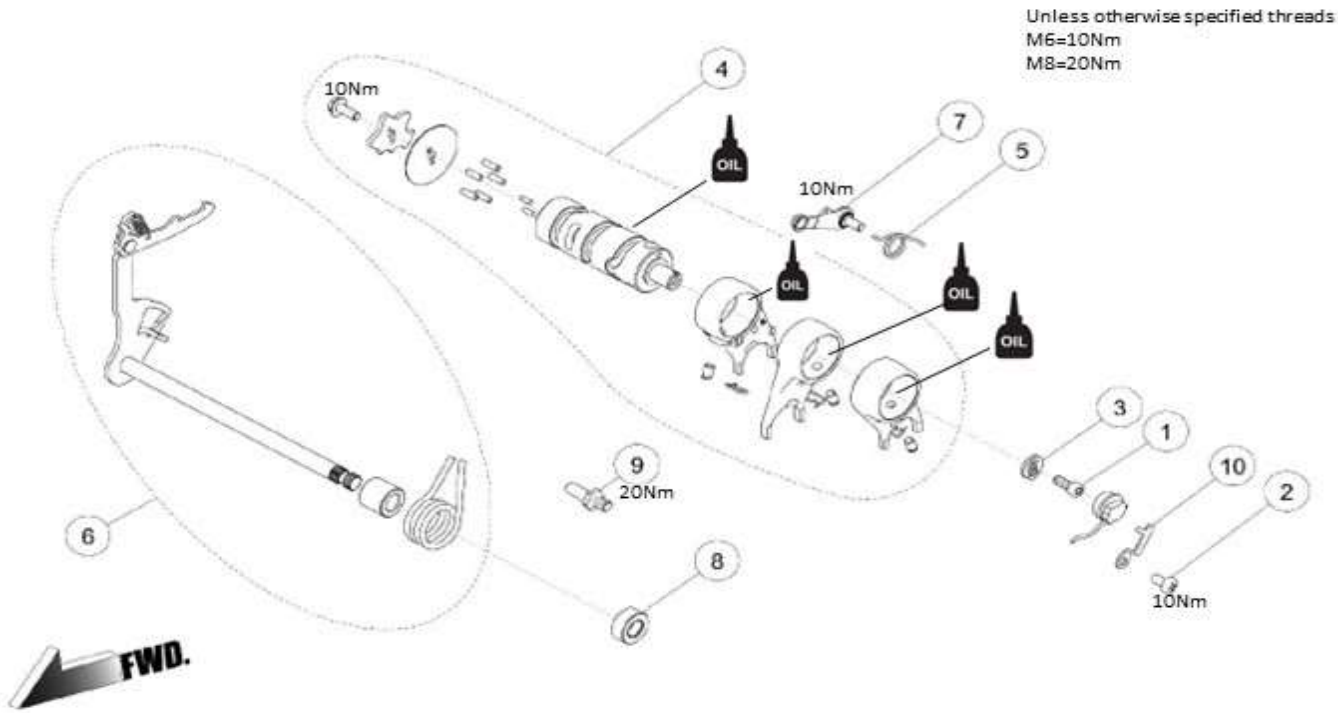
| Ref# | PartNo. | DESCRIPTION                 | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|-----------------------------|-----|------------|------------|------------|------------|
| 1    | 86446   | BOLT, BANJO M10x22.5        | 2   | ●          | ●          | ●          | ●          |
| 2    | 88862   | BOLT, HEXAGON FLANGE M6x115 | 1   | ●          | ●          | ●          | ●          |
| 3    | 86486   | BOLT, HEXAGON FLANGE M6x15  | 2   | ●          | ●          | ●          | ●          |
| 4    | 86469   | BOLT, HEXAGON FLANGE M6x22  | 2   | ●          | ●          | ●          | ●          |
| 5    | 86485   | BOLT, HEXAGON FLANGE M6x28  | 2   | ●          | ●          | ●          | ●          |
| 6    | 86471   | BOLT, HEXAGON FLANGE M6x30  | 2   | ●          | ●          | ●          | ●          |
| 7    | 86473   | BOLT, HEXAGON FLANGE M6x50  | 2   | ●          | ●          | ●          | ●          |
| 8    | 86474   | BOLT, HEXAGON FLANGE M6x55  | 1   | ●          | ●          | ●          | ●          |
| 9    | 83759   | BOLT, HEXAGON FLANGE M6x60  | 1   | ●          | ●          | ●          | ●          |
| 10   | 86361   | BOLT, HEXAGON FLANGE M6x90  | 1   | ●          | ●          | ●          | ●          |
| 11   | 86376   | COVER, CLUTCH, KICKSTART    | 1   | ●          | ●          | ●          | ●          |
| 12   | 86374   | COVER, OIL FILTER           | 1   | ●          | ●          | ●          | ●          |
| 13   | 86377   | COVER, SMALL CLUTCH         | 1   | ●          | ●          | ●          | ●          |
| 14   | 86384   | FILTER, OIL                 | 1   | ●          | ●          | ●          | ●          |
| 15   | 86437   | GASKET, COVER CLUTCH        | 1   | ●          | ●          | ●          | ●          |
| 16   | 86476   | GASKET, M10                 | 4   | ●          | ●          | ●          | ●          |
| 17   | 86412   | HOLDER, CABLE CLUTCH        | 1   | ●          | ●          | ●          | ●          |
| 18   | 86414   | LEVER, CLUTCH COMP          | 1   | ●          | ●          | ●          | ●          |
| 19   | 86432   | O-RING, Φ38.6x2.6           | 1   | ●          | ●          | ●          | ●          |
| 20   | 86435   | O-RING, COVER SMALL CLUTCH  | 1   | ●          | ●          | ●          | ●          |
| 21   | 86441   | OIL SEAL, Φ16xΦ26x7         | 1   | ●          | ●          | ●          | ●          |
| 22   | 86442   | OIL SEAL, Φ17xΦ10x5         | 1   | ●          | ●          | ●          | ●          |
| 23   | 86406   | OIL THROUGH COMP            | 2   | ●          | ●          | ●          | ●          |
| 24   | 83747   | PIN, DOWEL Φ8xΦ6.3x12       | 4   | ●          | ●          | ●          | ●          |
| 25   | 86386   | RULER                       | 1   | ●          | ●          | ●          | ●          |
| 26   | 86413   | SPRING, LEVER CLUTCH        | 1   | ●          | ●          | ●          | ●          |
| 27   | 86375   | SPRING, OIL FILTER          | 1   | ●          | ●          | ●          | ●          |
| 28   | 86475   | WINDOW, OIL LEVEL           | 1   | ●          | ●          | ●          | ●          |

07 GEARBOX



| Ref# | PartNo. | DESCRIPTION                  | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|------------------------------|-----|------------|------------|------------|------------|
| 1    | 83788   | BEARING #6001                | 1   | ●          | ●          | ●          | ●          |
| 2    | 83795   | BEARING #6203                | 2   | ●          | ●          | ●          | ●          |
| 3    | 80240   | BEARING NK162712             | 1   | ●          | ●          | ●          | ●          |
| 4    | 86464   | BOLT, HEXAGON SOCKET M6x10   | 2   | ●          | ●          | ●          | ●          |
| 5    | 80241   | GEAR IDLE, STARTER, 5SPEED   | 1   | ●          | ●          | ●          | ●          |
| 6    | 80239   | GEAR, COMP, 5SPEED, 1-N2345  | 1   | ●          | ●          | ●          | ●          |
| 7    | 83796   | OIL SEAL, Φ 29xΦ 17x5        | 1   | ●          | ●          | ●          | ●          |
| 8    | 86420   | PLATE, FIXING SPROCKET DRIVE | 1   | ●          | ●          | ●          | ●          |
| 9    | 80243   | RETAINING RING Φ 16          | 1   | ●          | ●          | ●          | ●          |
| 10   | 86419   | SPROCKET, DRIVE 15T          | 1   | ●          | ●          | ●          | ●          |
| 11   | 80242   | WASHER, Φ 23xΦ 16.1x0.5      | 2   | ●          | ●          | ●          | ●          |

08 GEARBOX MECHANISM

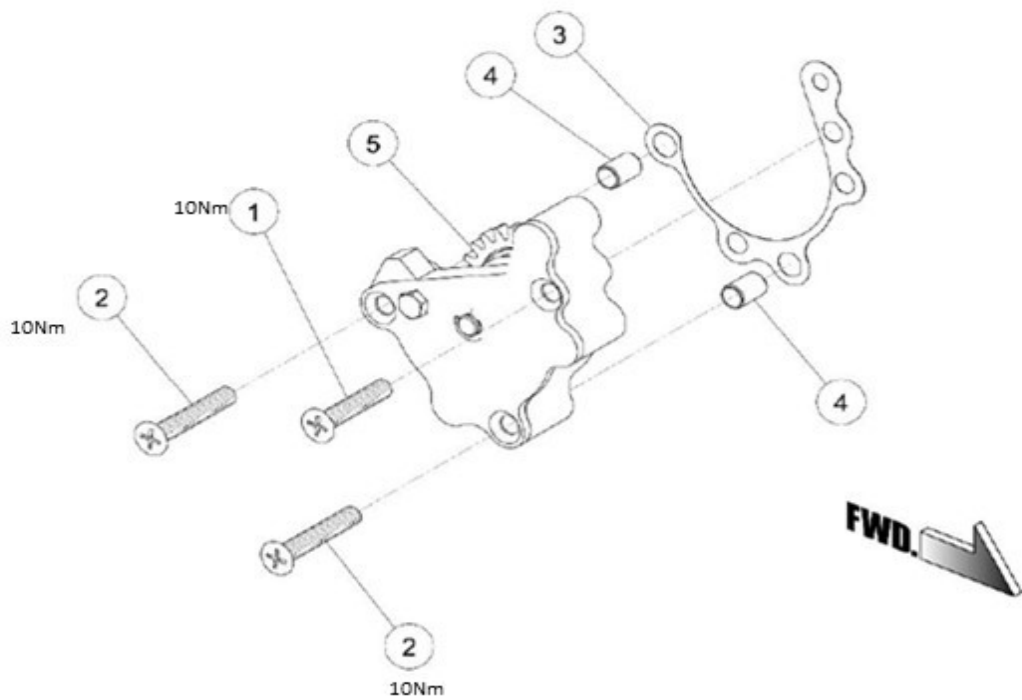


| Ref# | PartNo. | DESCRIPTION                       | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|-----------------------------------|-----|------------|------------|------------|------------|
| 1    | 86449   | BOLT, HEXAGON SOCKET M6           | 1   | ●          | ●          | ●          | ●          |
| 2    | 85877   | BOLT, HEXAGON SOCKET M6x15        | 1   | ●          | ●          | ●          | ●          |
| 3    | 83833   | CONTACT,GEAR INDICATION           | 1   | ●          | ●          | ●          | ●          |
| 4    | 89744   | DRUM, SHIFT COMP, 5SPEED, 1-N2345 | 1   | ●          | ●          | ●          | ●          |
| 5    | 88424   | SPRING, LOCATING PLATE, 5SPEED    | 1   | ●          | ●          | ●          | ●          |
| 6    | 88886   | LEVER, GEAR SHIFT COMP, 5SPEED    | 1   | ●          | ●          | ●          | ●          |
| 7    | 86424   | LOCATING PLATE UNIT               | 1   | ●          | ●          | ●          | ●          |
| 8    | 83837   | OIL SEAL, Φ11.6xΦ24x10            | 1   | ●          | ●          | ●          | ●          |
| 9    | 86480   | PIN, LOCATING SHIFT LEVER         | 1   | ●          | ●          | ●          | ●          |
| 10   | 85876   | PLATE, LOCATING SWITCH NEUTRAL    | 1   | ●          | ●          | ●          | ●          |

Parts List : ANIMA 4V 190FS5/FD5/SGS/SGH (5Speed without light system)

09 OIL PUMP

V4\_ DAYTONA JAPAN

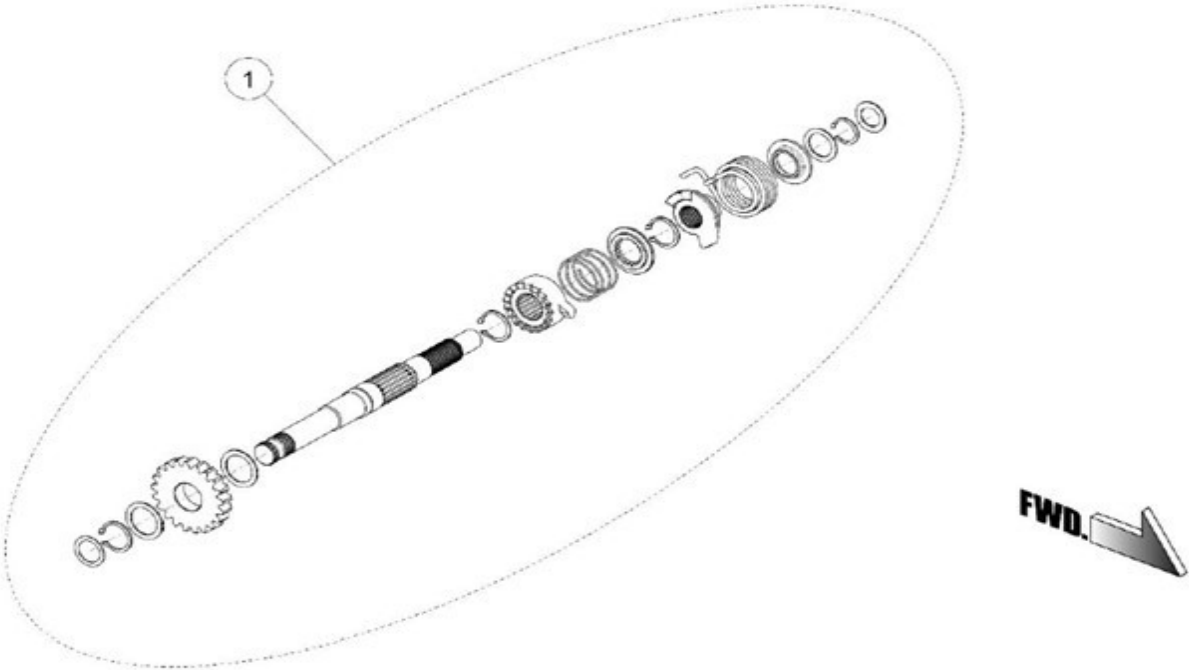


| Ref# | PartNo. | DESCRIPTION                            | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|----------------------------------------|-----|------------|------------|------------|------------|
| 1    | 84678   | BOLT, CROSS RECESSED COUNTERSUNK M6x30 | 1   | ●          | ●          | ●          | ●          |
| 2    | 84677   | BOLT, CROSS RECESSED COUNTERSUNK M6x35 | 2   | ●          | ●          | ●          | ●          |
| 3    | 84676   | GASKET, PUMP OIL                       | 1   | ●          | ●          | ●          | ●          |
| 4    | 83747   | PIN, DOWEL Φ8xΦ6.3x12                  | 2   | ●          | ●          | ●          | ●          |
| 5    | 86382   | PUMP, OIL ASSY                         | 1   | ●          | ●          | ●          | ●          |

Parts List : ANIMA 4V 190FS5/FD5/SGS/SGH (5Speed without light system)

10 KICK STARTER

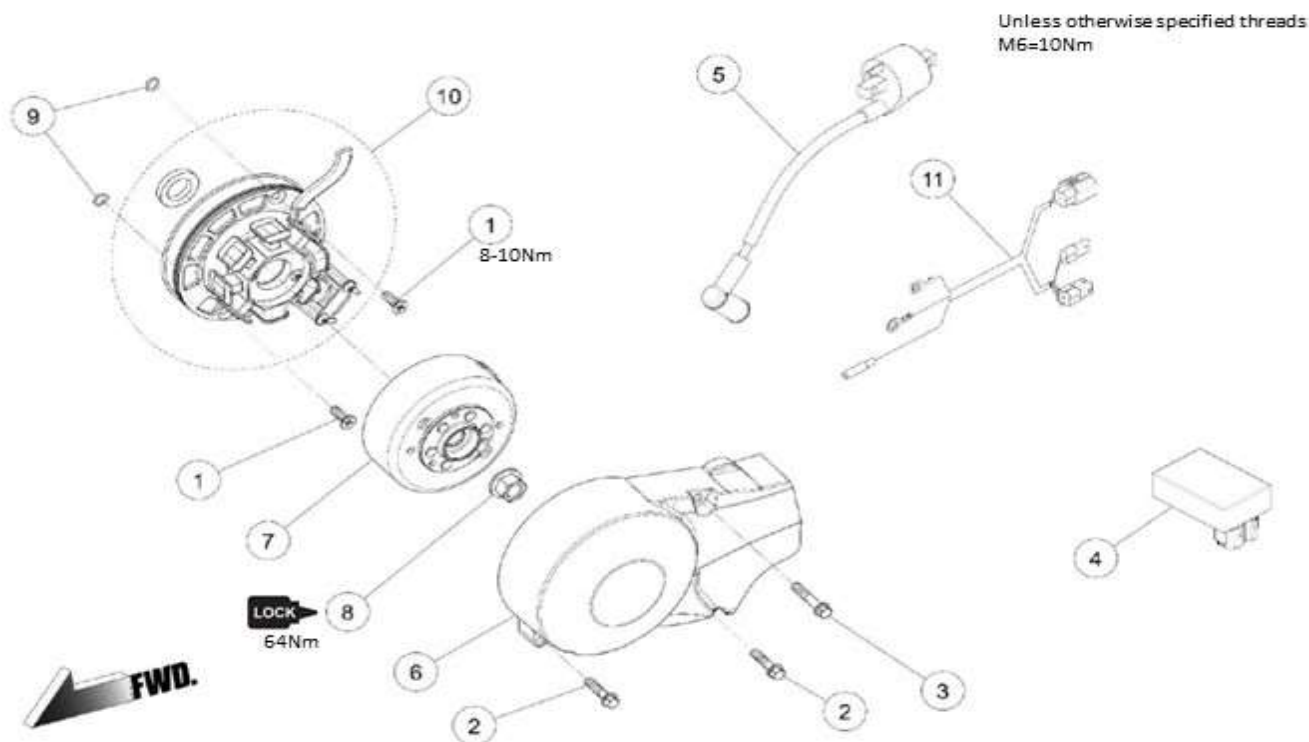
V4\_DAYTONA JAPAN



| Ref# | PartNo. | DESCRIPTION                      | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|----------------------------------|-----|------------|------------|------------|------------|
| 1    | 88883   | KICK STARTING SHAFT ASSY, 5SPEED | 1   | ●          | ●          | ●          | ●          |

## 11 GENERATOR

## V4 DAYTONA JAPAN



| Ref# | PartNo. | DESCRIPTION                                   | QTY | 190<br>FS5 | 190<br>FD5 | 190<br>SGS | 190<br>SGH |
|------|---------|-----------------------------------------------|-----|------------|------------|------------|------------|
| 1    | 86461   | BOLT, CROSS RECESSED COUNTERSUNK M6x15        | 2   | ●          | ●          | ●          | ●          |
| 2    | 86464   | BOLT, HEXAGON FLANGE M6x25                    | 2   | ●          | ●          | ●          | ●          |
| 3    | 86472   | BOLT, HEXAGON FLNAGE M6x32                    | 1   | ●          | ●          | ●          | ●          |
| 4    | 87349   | CDI, SELEVTABLE REV & TIMING                  | 1   |            | ●          |            | ●          |
| 4    | 89373   | CDI, NON-SELECTABLE REV & TIMING              | 1   | ●          |            | ●          |            |
| 5    | 86426   | COIL, IGN ITION                               | 1   | ●          | ●          | ●          | ●          |
| 6    | 86373   | COVER, MAGNET                                 | 1   | ●          | ●          | ●          | ●          |
| 7    | 89678   | ROTOR ASSY, BIG                               | 1   |            | ●          |            | ●          |
| 7    | 88127   | ROTOR ASSY, SMALL                             | 1   | ●          |            | ●          |            |
| 8    | 86452   | NUT, MAGNET M12                               | 1   | ●          | ●          | ●          | ●          |
| 9    | 86479   | O-RING, Φ6.5xΦ1.8                             | 2   | ●          | ●          | ●          | ●          |
| 10   | 86916   | STATOR ASSY , W/O LIGHT, ANIMA F, BIG ROTOR   | 1   |            | ●          |            |            |
| 10   | 80744   | STATOR ASSY , W/O LIGHT, ANIMA S, SMALL ROTOR | 1   |            |            | ●          |            |
| 10   | 80745   | STATOR ASSY , W/O LIGHT, ANIMA S, BIG ROTOR   | 1   |            |            |            | ●          |
| 10   | 88129   | STATOR ASSY , W/O LIGHT, ANIMA F, SMALL ROTOR | 1   | ●          |            |            |            |
| 11   | 86917   | WIRE HARNESS, W/O LIGHT SYSTEM                | 1   | ●          | ●          | ●          | ●          |