



# **ETON America**

## PARTS CATALOG

### **Beamer R4-150**

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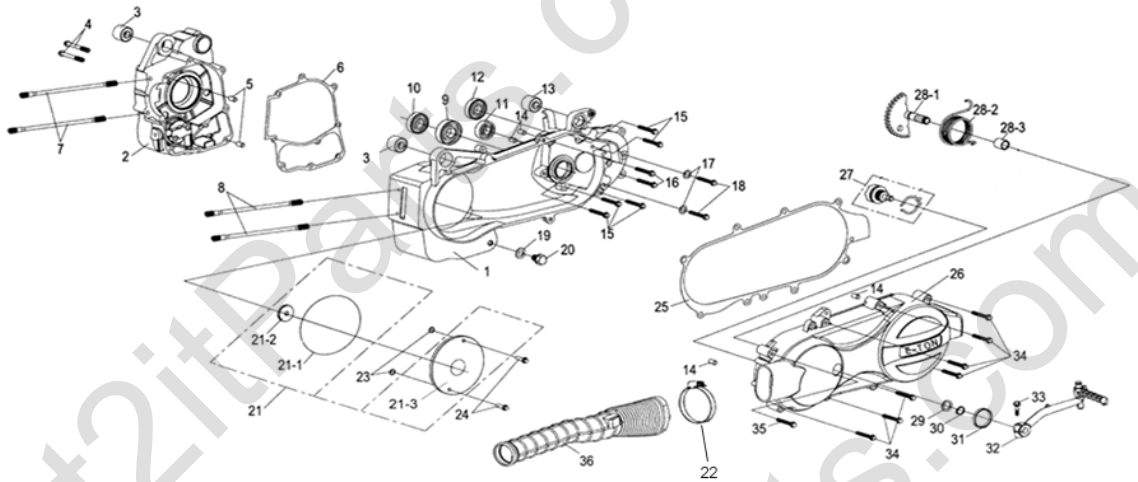
## Beamer R4-150



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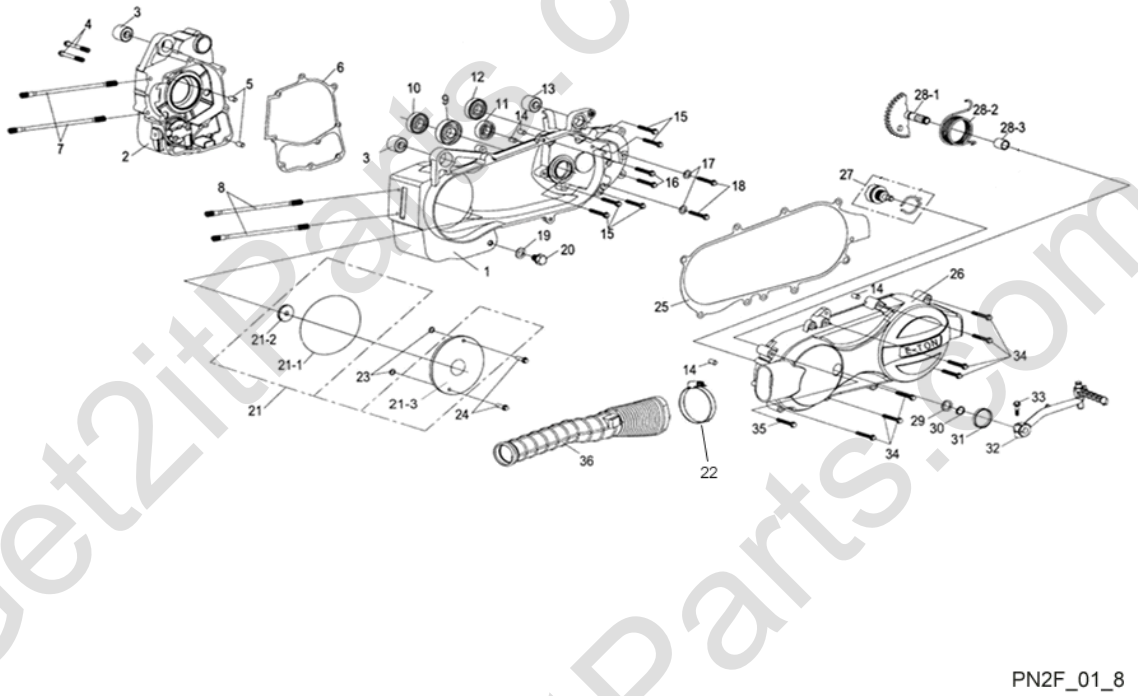
## 01. Crankcase, Left Cover, and Spindle Assembly



PN2F\_01\_8

| Fig Ref | Item No. | Description                | Qty Req |
|---------|----------|----------------------------|---------|
| 1-1     | 812888   | Crankcase (LH)             | 1       |
| 1-2     | 800112   | Crankcase (RH)             | 1       |
| 1-3     | 800107   | Engine Mount Bushing       | 2       |
| 1-4     | 800113   | Flange Bolt (M6x50)        | 2       |
| 1-5     | 800109   | Dowel Pin (8x14)           | 2       |
| 1-6     | 800129   | Crankcase Gasket (RH)      | 1       |
| 1-7     | 800111   | Stud Bolt (M8x200)         | 2       |
| 1-8     | 800110   | Stud Bolt (M8x210)         | 2       |
| 1-9     | 800279   | Oil Seal (M20x32x6)        | 1       |
| 1-10    | 650111   | Radial Ball Bearing (6204) | 1       |
| 1-11    | 750388   | Radial Ball Bearing (6202) | 1       |
| 1-12    | 750389   | Radial Ball Bearing (6203) | 1       |
| 1-13    | 812889   | Suspension Arm Bushing     | 1       |
| 1-14    | 650158   | Dowel Pin (M10x14)         | 4       |
| 1-15    | 811772   | Flange Bolt SH (M6x45)     | 5       |
| 1-16    | 812962   | Flange Bolt (M6x55)        | 2       |
| 1-17    | 700289   | Flat Washer (M8x14x1.5)    | 2       |
| 1-18    | 700406   | Flange Bolt SH (M8x12)     | 2       |
| 1-19    | 800121   | Flat Washer (M12x20x2)     | 1       |
| 1-20    | 800491   | Flange Bolt (M12x15)       | 1       |
| 1-21    | 812964   | Crankcase Plate Assy.      | 1       |
| 1-21-1  | 800116   | O-Ring (107x2)             | 1       |
| 1-21-2  | 812811   | Oil Seal (LH) [19.8x30x5R] | 1       |
| 1-21-3  | 800118   | Crankcase Plate (LH)       | 1       |
| 1-22    | 813210   | CVT Duct Clamp             | 1       |
| 1-23    | 800117   | O-Ring (6x1.7)             | 2       |

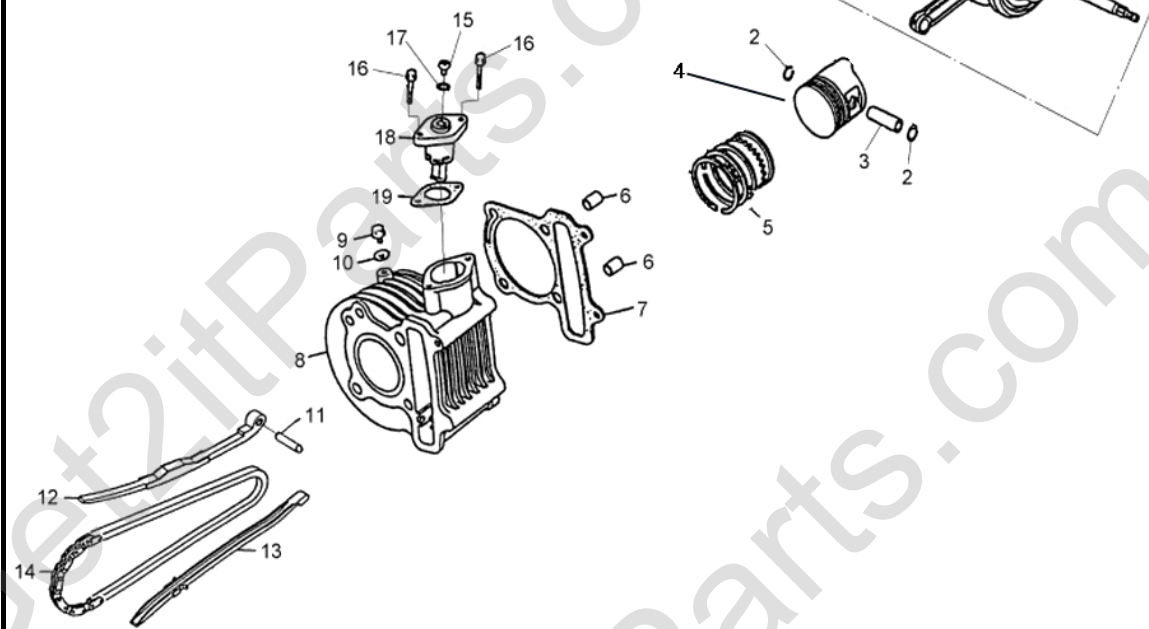
## 01. Crankcase, Left Cover, and Spindle Assembly



PN2F\_01\_8

| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 1-24    | 650143   | Flange Bolt (M6x20)          | 2       |
| 1-25    | 812892   | Crankcase Cover Gasket (LH)  | 1       |
| 1-26    | 812890   | Crankcase Cover (LH)         | 1       |
| 1-27    | 800145   | Starter Idler Gear           | 1       |
| 1-28-1  | 800535   | Kick Starter Spindle         | 1       |
| 1-28-2  | 800536   | Kick Starter Torsion Spring  | 1       |
| 1-28-3  | 811672   | Kick Starter Spindle Bushing | 1       |
| 1-29    | 800143   | Flat Washer (M15x20x2)       | 1       |
| 1-30    | 800144   | Circle-Clip (14mm)           | 1       |
| 1-31    | 811673   | Spacer                       | 1       |
| 1-32    | 650192   | Kick Crank                   | 1       |
| 1-33    | 650193   | Bolt (M6x25)                 | 1       |
| 1-34    | 800477   | Bolt (M6x40)                 | 7       |
| 1-35    | 812961   | Flange Bolt                  | 1       |
| 1-36    | 812891   | CVT Cooling Duct             | 1       |

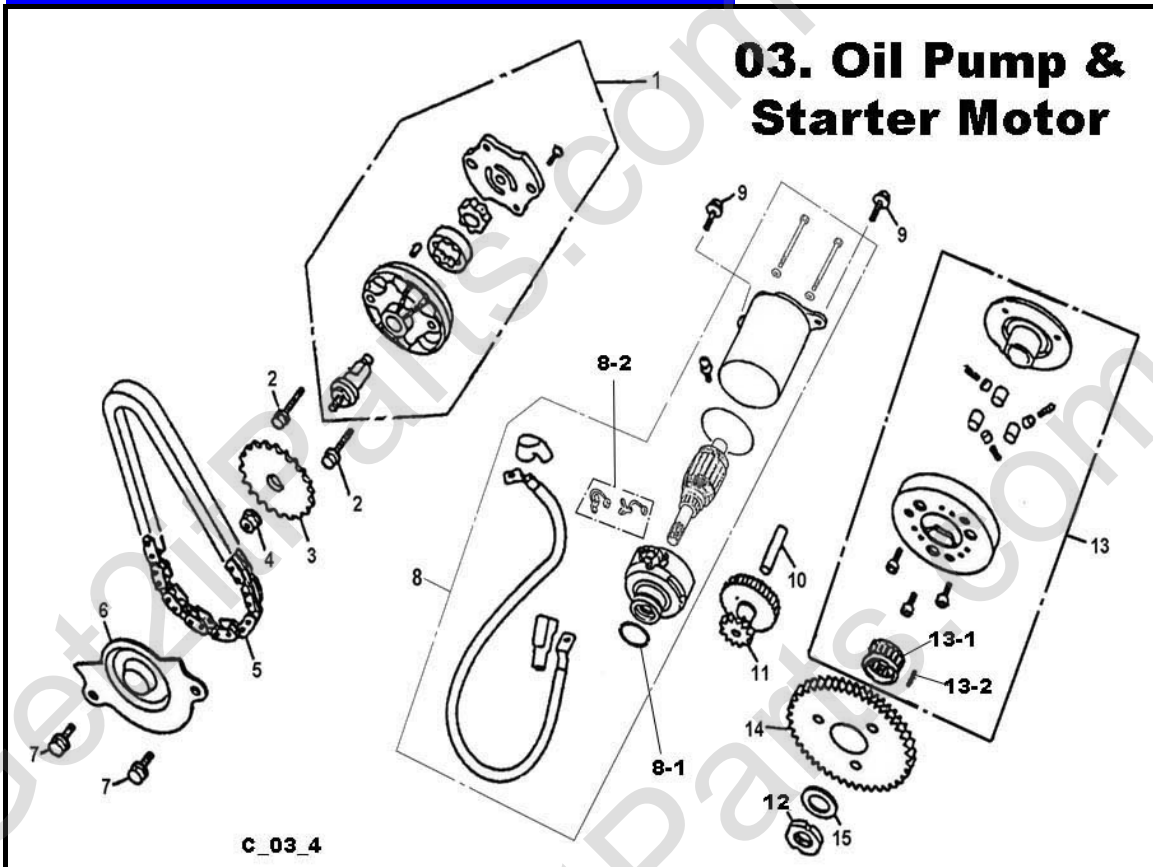
## 02. Crankshaft, Piston & Cylinder



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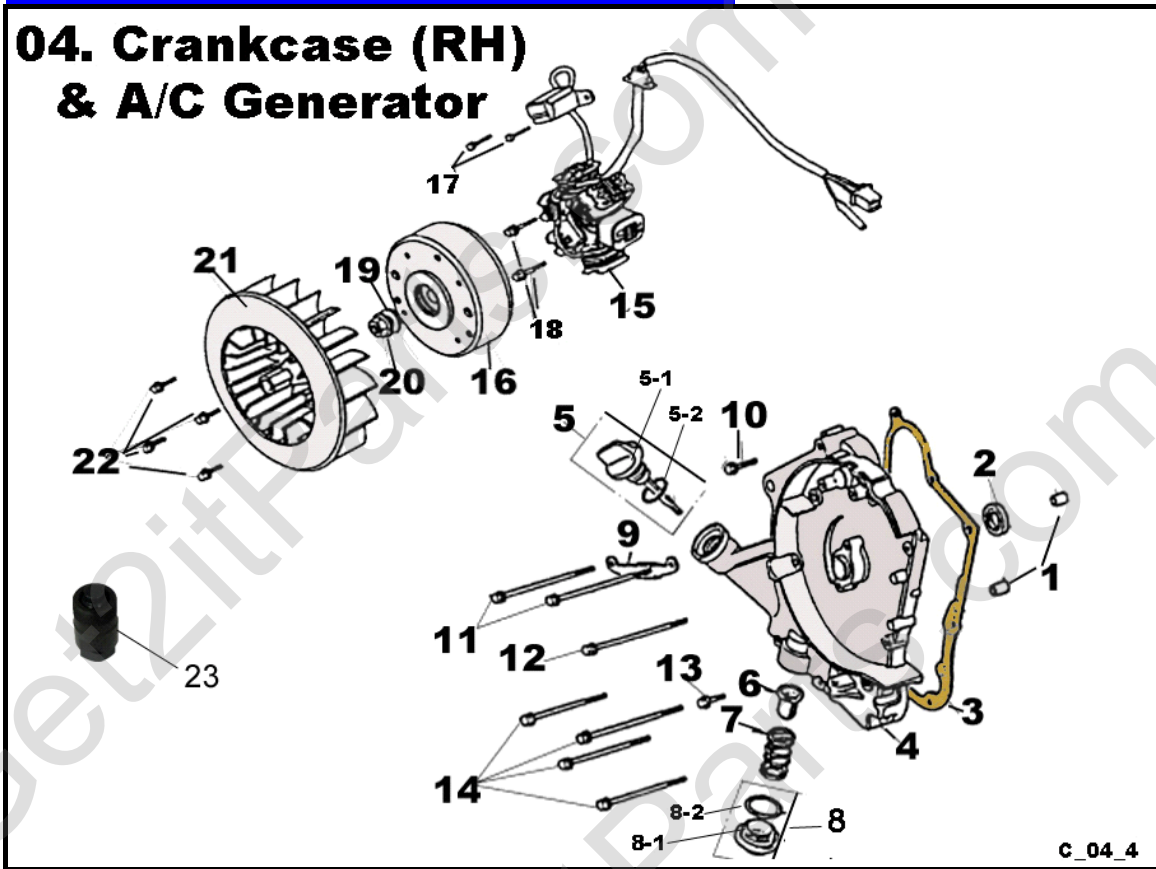
| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 2-1     | 812893   | Crankshaft                   | 1       |
| 2-1-1   | 800148   | Wood-Ruff Key (M25x14x4)     | 2       |
| 2-2     | 800149   | Piston Pin Circle-Clip       | 2       |
| 2-3     | 800150   | Piston Wrist Pin 150cc       | 1       |
| 2-4     | 812332   | Piston (150cc)               | 1       |
| 2-5     | 800152   | Piston Ring (Set of 5) 150cc | 1       |
| 2-6     | 650158   | Dowel Pin (M10x14)           | 2       |
| 2-7     | 800156   | Cylinder Base Gasket         | 1       |
| 2-8     | 800157   | Cylinder 150cc               | 1       |
| 2-9     | 800490   | Flange Bolt (M6x12)          | 1       |
| 2-10    | 800159   | Flat Washer (M6x10x1)        | 1       |
| 2-11    | 800160   | Cam Chain Guide Pin          | 1       |
| 2-12    | 800162   | Cam Chain Guide A            | 1       |
| 2-13    | 800163   | Cam Chain Guide B            | 1       |
| 2-14    | 800164   | Cam Chain                    | 1       |
| 2-15    | 800161   | Pan Head Bolt (M6x6)         | 1       |
| 2-16    | 650143   | Flange Bolt (M6x20)          | 2       |
| 2-17    | 800153   | O-Ring (M1.5x9.5)            | 1       |
| 2-18    | 800154   | Cam Chain Tentioner          | 1       |
| 2-19    | 800155   | Cam ChainTentioner Gasket    | 1       |

## 03. Oil Pump & Starter Motor



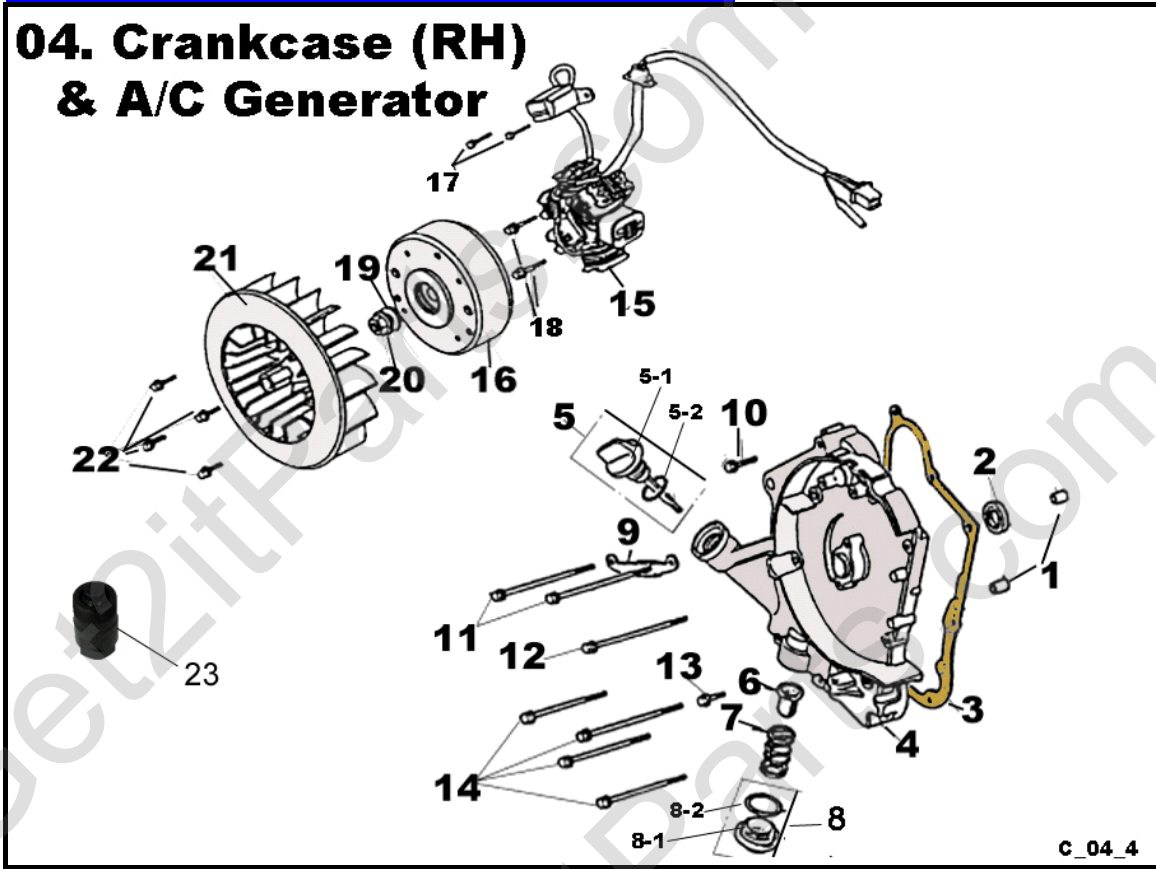
| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 3-1     | 800165   | Oil Pump 150cc               | 1       |
| 3-2     | 800172   | Pan Head Bolt (M6x30)        | 2       |
| 3-3     | 800173   | Oil Pump Drive Sprocket      | 1       |
| 3-4     | 800480   | Flange Nut (M6x11)           | 1       |
| 3-5     | 800174   | Oil Pump Chain               | 1       |
| 3-6     | 800175   | Oil Separator                | 1       |
| 3-7     | 800141   | Flange Bolt SH (M6x12)       | 2       |
| 3-8     | 800176   | Starter Motor                | 1       |
| 3-8-1   | 811473   | O-Ring (24.4x3.1)            | 1       |
| 3-8-2   | 811474   | Comutator Brushes            | 2       |
| 3-9     | 800475   | Flange Bolt (M6x16)          | 2       |
| 3-10    | 800171   | Starter Reduction Gear Shaft | 1       |
| 3-11    | 800170   | Starter Reduction Gear       | 1       |
| 3-12    | 800166   | Lock Nut (M22x30)            | 1       |
| 3-13    | 800169   | Outer Starter Clutch         | 1       |
| 3-13-1  | 811475   | Needle Bearing               | 1       |
| 3-13-2  | 811212   | Lock Pin                     | 1       |
| 3-14    | 800168   | Starting Clutch Gear         | 1       |
| 3-15    | 800167   | Flat Washer (M22x31x2)       | 1       |

## 04. Crankcase (RH) & A/C Generator



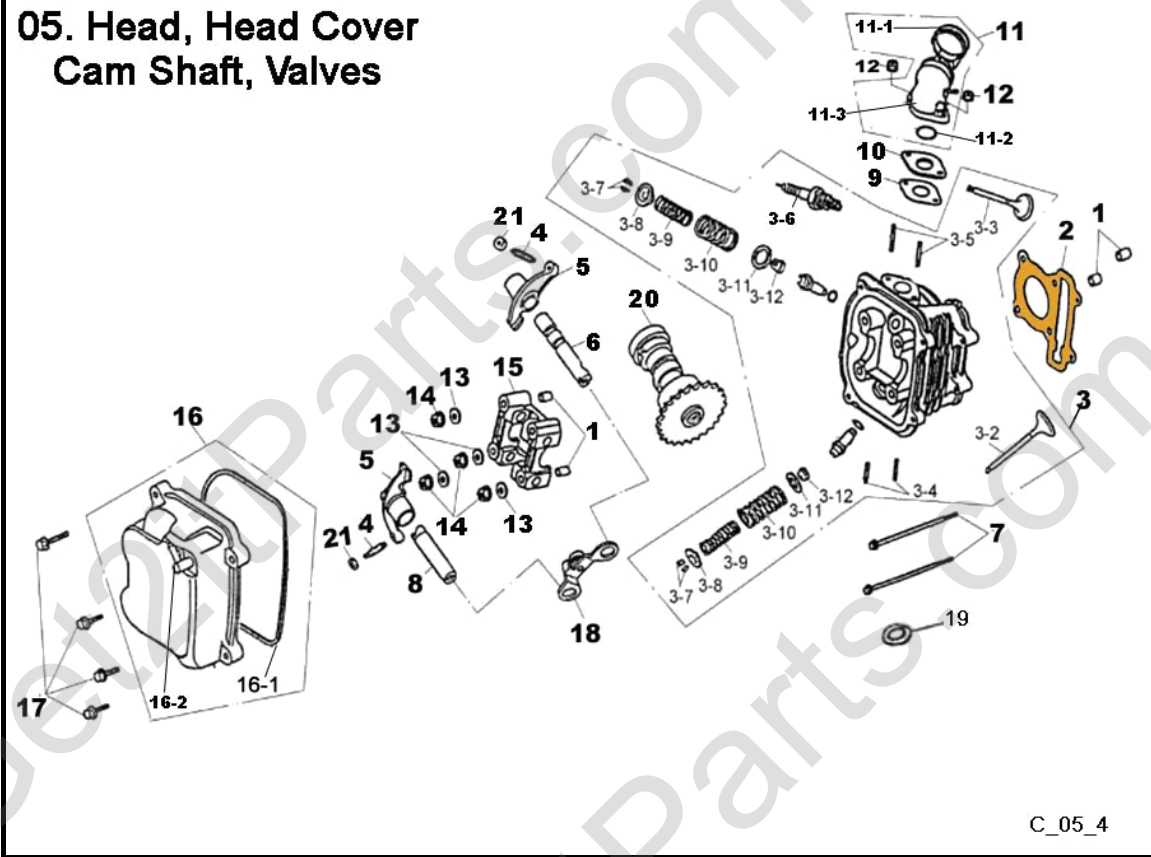
| Fig Ref | Item No. | Description                   | Qty Req |
|---------|----------|-------------------------------|---------|
| 4-1     | 800109   | Dowel Pin (8x14)              | 2       |
| 4-2     | 812862   | Oil Seal (RH) [19.8x30x5L]    | 1       |
| 4-3     | 800178   | Crankcase Cover Gasket (RH)   | 1       |
| 4-4     | 800476   | Crankcase Cover (RH)          | 1       |
| 4-5     | 800180   | Oil Level Gauge & O-Ring      | 1       |
| 4-5-1   | 811476   | Oil Level Gauge               | 1       |
| 4-5-2   | 811477   | O-Ring Seal (18x3.5)          | 1       |
| 4-6     | 800182   | Oil Filter Screen             | 1       |
| 4-7     | 800183   | Oil Filter Screen Spring      | 1       |
| 4-8     | 800184   | Crankcase Drain Plug & O-Ring | 1       |
| 4-8-1   | 811478   | Crankcase Drain Plug          | 1       |
| 4-8-2   | 811479   | O-Ring Seal                   | 1       |
| 4-9     | 800186   | AC Generator Clamp            | 1       |
| 4-10    | 800477   | Bolt (M6x40)                  | 1       |
| 4-11    | 800478   | Flange Bolt (M6x110)          | 2       |
| 4-12    | 700326   | Flange Bolt SH (M6x100)       | 1       |
| 4-13    | 700325   | Flange Bolt (M6x32)           | 1       |
| 4-14    | 800479   | Flange Bolt (M6x95)           | 4       |
| 4-15    | 811161   | AC Generator (8 Pole)         | 1       |
| 4-16    | 811384   | Flywheel (8 Pole)             | 1       |
| 4-17    | 800194   | Bolt & Washer (M5x14)         | 2       |
| 4-18    | 650143   | Flange Bolt (M6x20)           | 2       |
| 4-19    | 650509   | Flat Washer (M13x25x2))       | 1       |
| 4-20    | 650510   | Flange Nut (M12x22)           | 1       |
| 4-21    | 800181   | Cooling Fan                   | 1       |
| 4-22    | 800119   | Flange Bolt SH (M6x18)        | 4       |

## 04. Crankcase (RH) & A/C Generator



| Fig Ref | Item No. | Description          | Qty Req |
|---------|----------|----------------------|---------|
| 4-23    | 814120   | Flywheel Puller Tool | 1       |

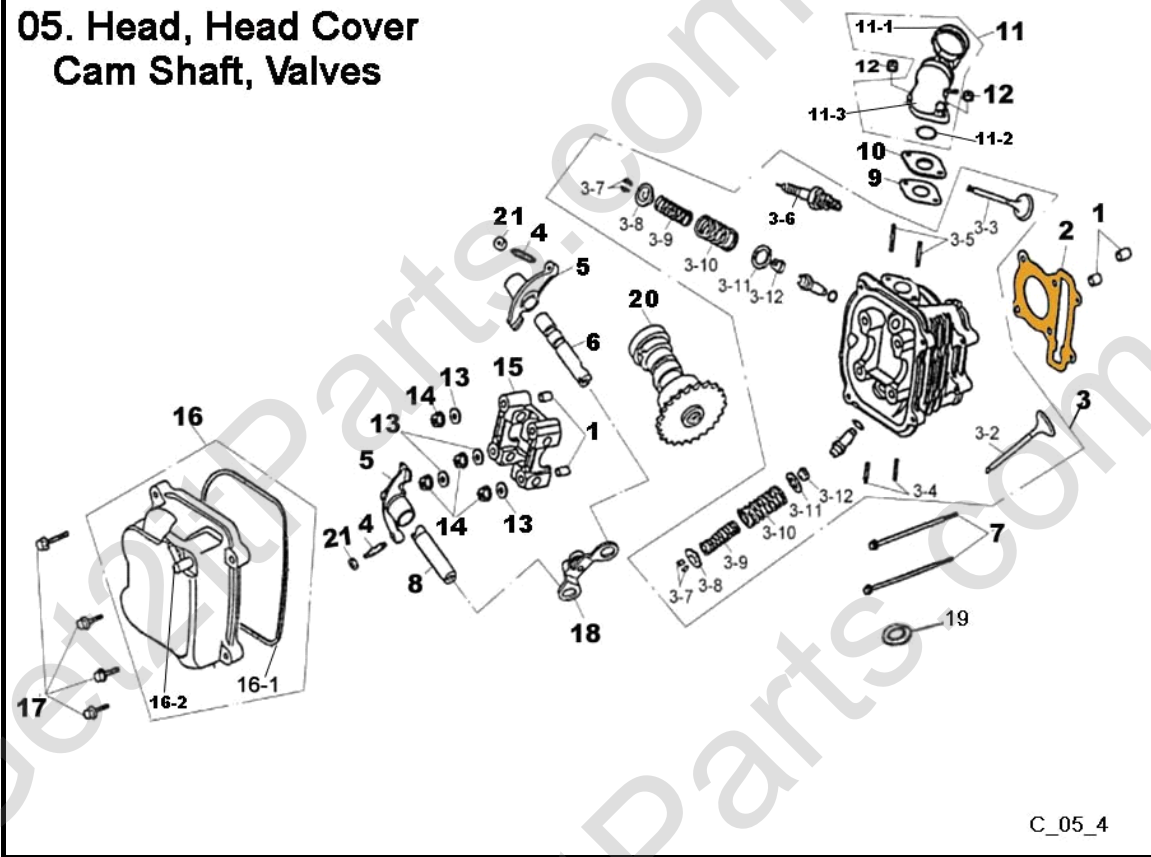
## 05. Head, Head Cover Cam Shaft, Valves



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| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 5-1     | 650158   | Dowel Pin (M10x14)           | 4       |
| 5-2     | 800195   | Cylinder Head Gasket 150cc   | 1       |
| 5-3     | 800198   | Cylinder Head 150cc          | 1       |
| 5-3-2   | 800196   | Exhaust Valve                | 1       |
| 5-3-3   | 800197   | Intake Valve                 | 1       |
| 5-3-4   | 810241   | Stub Bolt No:003 (M6x27)     | 2       |
| 5-3-5   | 800202   | Stud Bolt (M6x50)            | 2       |
| 5-3-6   | 800199   | Spark Plug (C7HSA)           | 1       |
| 5-3-7   | 800205   | Valve Spring Retainer        | 4       |
| 5-3-8   | 800206   | Valve Spring Retainer Washer | 2       |
| 5-3-9   | 800207   | Inner-Valve Spring           | 2       |
| 5-3-10  | 800208   | Outer-Valve Spring           | 2       |
| 5-3-11  | 800209   | Outer-Valve Spring Seat      | 2       |
| 5-3-12  | 800210   | Valve Stem Seal              | 2       |
| 5-4     | 800481   | Tappet Adjusting Screw       | 2       |
| 5-5     | 800214   | Valve Rocker Arm             | 2       |
| 5-6     | 800215   | Intake-Rocker Arm Shaft      | 1       |
| 5-7     | 700326   | Flange Bolt SH (M6x100)      | 2       |
| 5-8     | 800482   | Exhaust Rocker Arm Shaft     | 1       |
| 5-9     | 800203   | Carburetor Insulator Gasket  | 1       |
| 5-10    | 800204   | Carburetor Insulator         | 1       |
| 5-11    | 800223   | Intake Manifold & Clamp      | 1       |
| 5-11-2  | 811481   | O-Ring                       | 1       |
| 5-11-1  | 811480   | Intake Manifold Clamp        | 1       |
| 5-11-3  | 811524   | Intake Manifold              | 1       |
| 5-12    | 800480   | Flange Nut (M6x11)           | 2       |

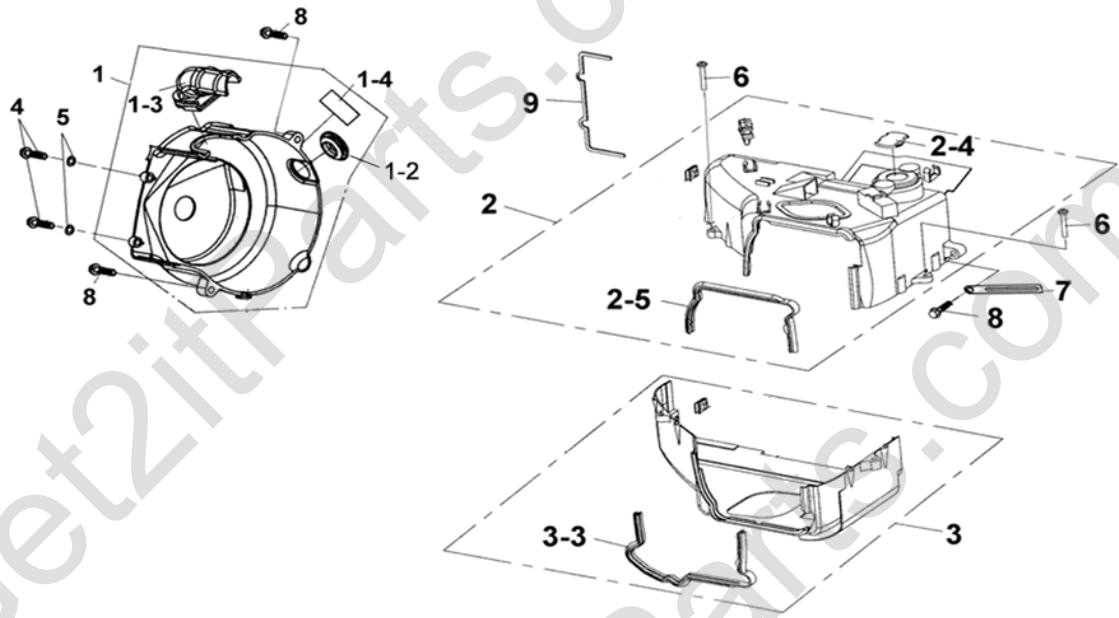
## 05. Head, Head Cover Cam Shaft, Valves



C\_05\_4

| Fig Ref | Item No. | Description             | Qty Req |
|---------|----------|-------------------------|---------|
| 5-13    | 800217   | Flat Washer (M8x16x2)   | 4       |
| 5-14    | 700305   | Flange Nut (M8x15)      | 4       |
| 5-15    | 800219   | Cam Shaft Holder        | 1       |
| 5-16    | 800220   | Rocker Arm Cover        | 1       |
| 5-16-1  | 811456   | Rocker Arm Cover Gasket | 1       |
| 5-16-2  | 811482   | Breather Tube Connector | 1       |
| 5-17    | 800488   | Flange Bolt SH (M6x25)  | 4       |
| 5-18    | 800222   | Limiter Plate           | 1       |
| 5-19    | 800200   | Exhaust Muffler Gasket  | 1       |
| 5-20    | 800211   | Cam Shaft (Complete)    | 1       |
| 5-21    | 800212   | Nut (No 007)            | 2       |

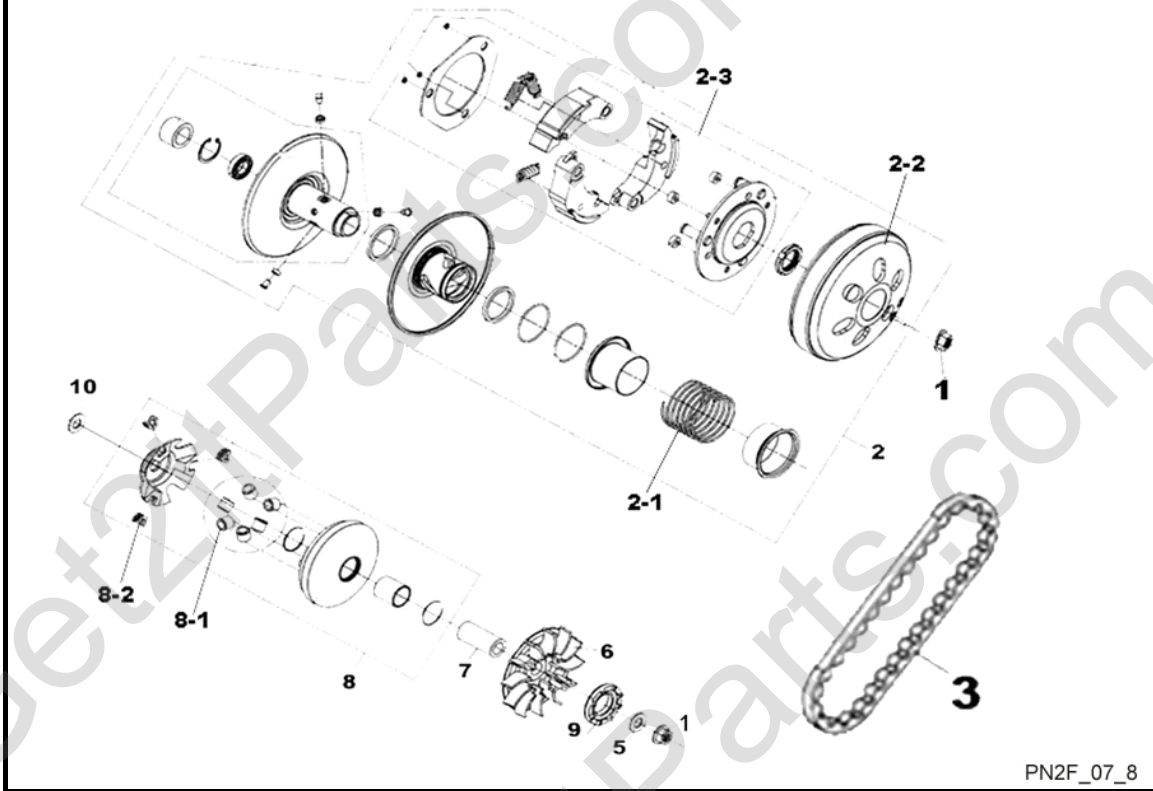
### 06. Fan Cover and Engine Shroud



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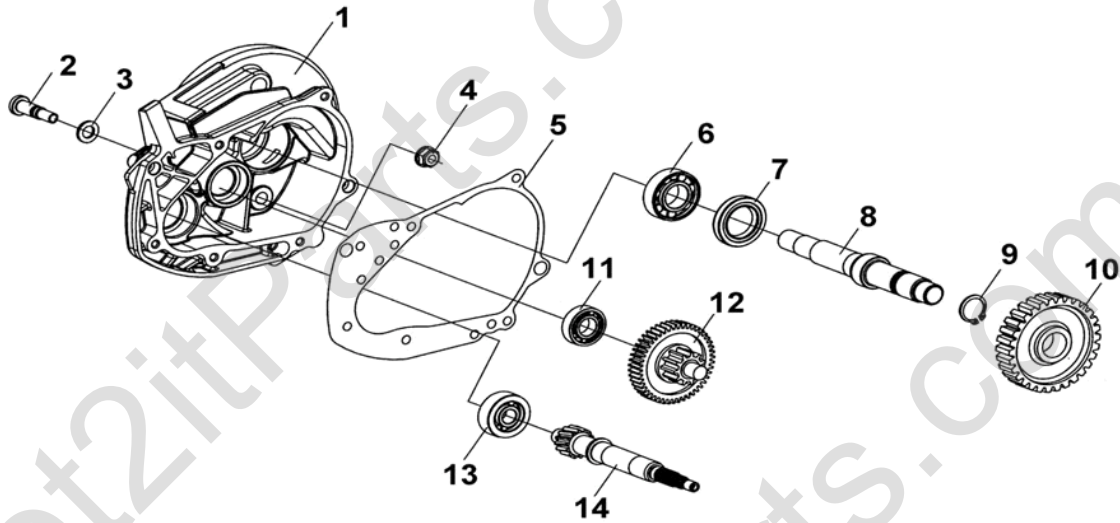
| Fig Ref | Item No. | Description                | Qty Req |
|---------|----------|----------------------------|---------|
| 6-1     | 812910   | Fan Cover Assy.            | 1       |
| 6-1-2   | 813209   | Fan Cover Grommet          | 1       |
| 6-1-3   | 812908   | Carburetor Cooling Duct    | 1       |
| 6-1-4   | 800486   | Oil Cap Label              | 1       |
| 6-2     | 800484   | Upper Shroud               | 1       |
| 6-2-4   | 811486   | Cam Chain Access Cap       | 1       |
| 6-2-5   | 811484   | Upper Shroud Seal          | 1       |
| 6-3     | 800224   | Lower Shroud               | 1       |
| 6-3-3   | 811483   | Lower Shroud Seal          | 1       |
| 6-4     | 800221   | Pan Head Bolt (M5x25)      | 2       |
| 6-5     | 812191   | Washer (M5x15x1)           | 2       |
| 6-6     | 800487   | Self Tapping Screw (M5x12) | 2       |
| 6-7     | 800494   | Ignition Coil Wire Clamp   | 1       |
| 6-8     | 800488   | Flange Bolt SH (M6x25)     | 3       |
| 6-9     | 812909   | Fan Cover Seal             | 1       |
| 6-10    | 811485   | Breather Tube Clamp        | 1       |

## 07. C.V.T. Pulley System



| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 7-1     | 650510   | Flange Nut (M12x22)          | 2       |
| 7-2     | 811196   | Driven Pulley                | 1       |
| 7-2-1   | 811487   | Drive Face Spring            | 1       |
| 7-2-2   | 811488   | Drive Clutch Drum            | 1       |
| 7-2-3   | 811489   | Drive Clutch Assembly        | 1       |
| 7-3     | 800266   | Drive Belt (743x20x30)       | 1       |
| 7-5     | 811457   | Flat Washer (M15x24x2)       | 1       |
| 7-6     | 800267   | Drive Face                   | 1       |
| 7-7     | 800268   | Drive Face Boss              | 1       |
| 7-8     | 800269   | Movable Drive Face           | 1       |
| 7-8-1   | 811490   | Clutch Rollers 15g (Set 6)   | 6       |
| 7-8-2   | 811491   | Slide Retainer Clips (Set 3) | 3       |
| 7-9     | 800242   | Kick Starter Ratchet         | 1       |
| 7-10    | 810242   | Flat Washer (M15x25x1)       | 1       |

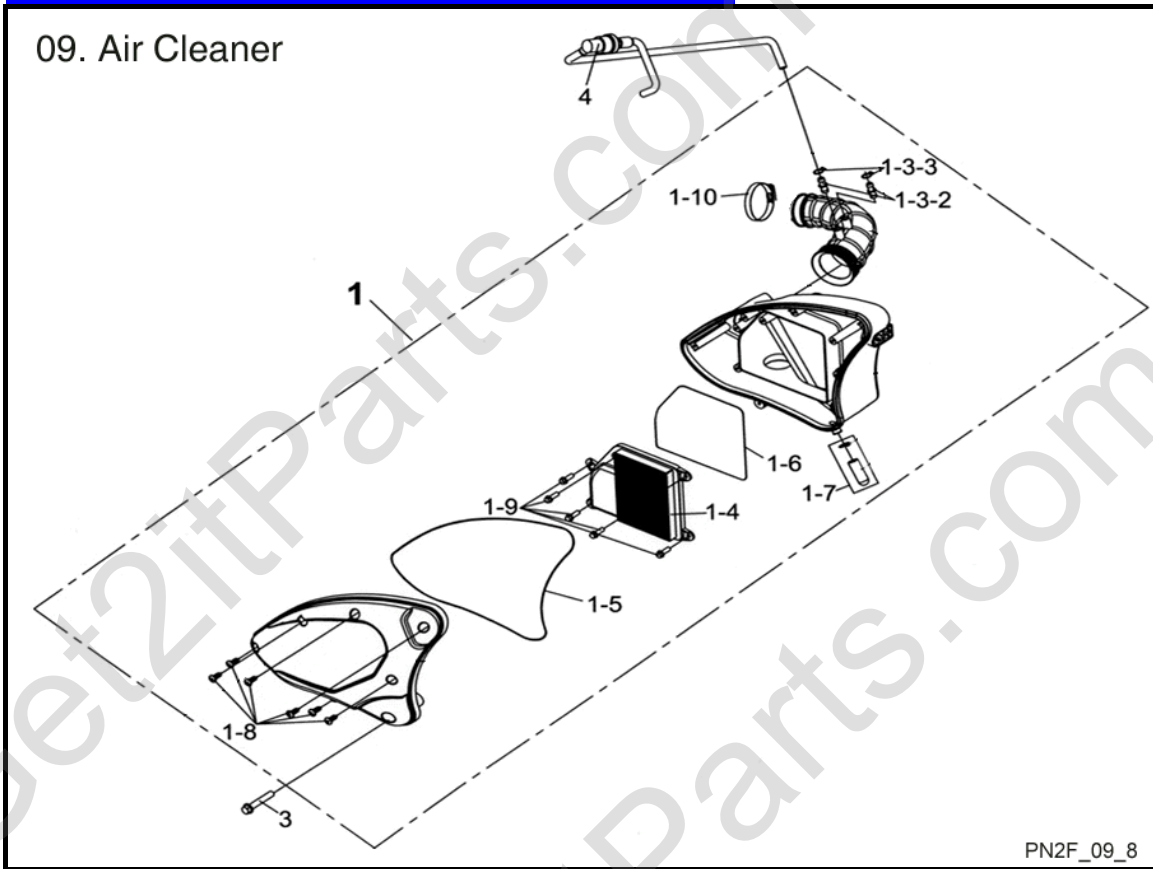
## 08. Transmission



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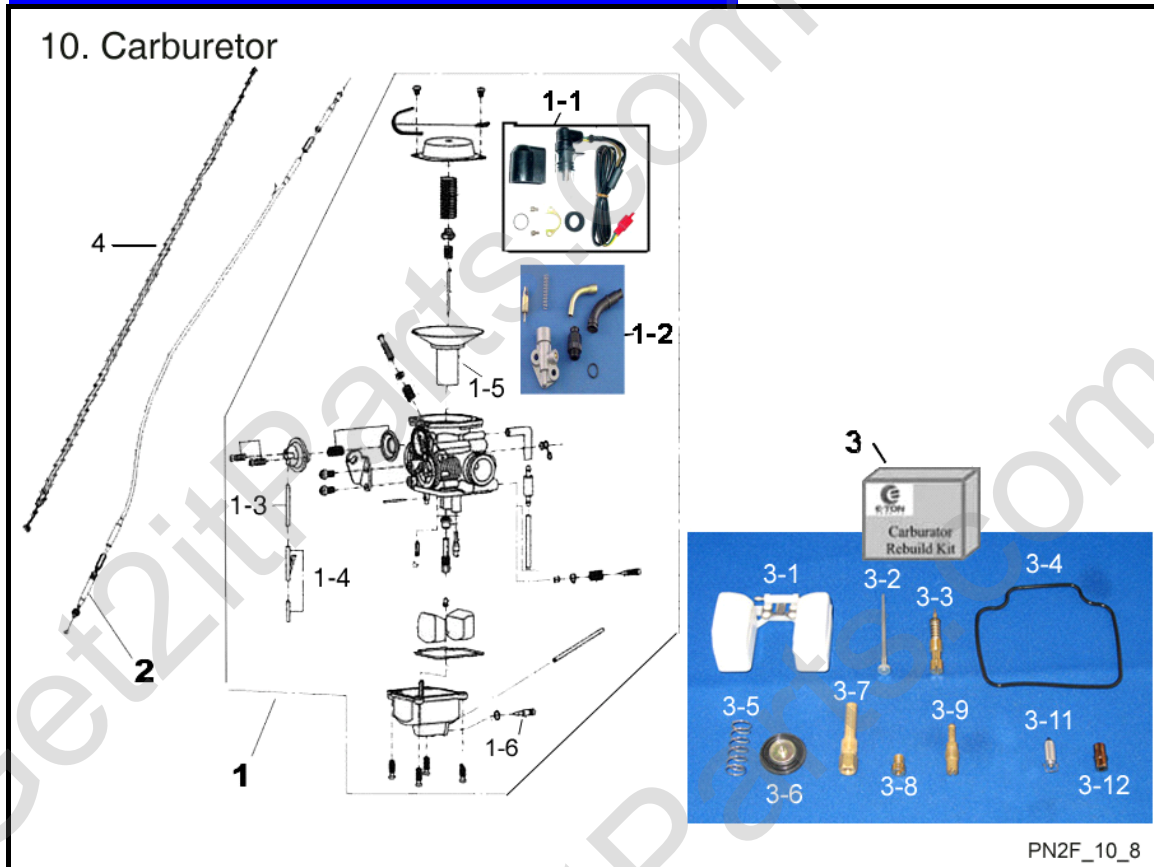
| Fig Ref | Item No. | Description                | Qty Req |
|---------|----------|----------------------------|---------|
| 8-1     | 812912   | Transmission Cover         | 1       |
| 8-2     | 812271   | Pivot Pin                  | 1       |
| 8-3     | 811129   | Flat Washer (M10x16x2)     | 1       |
| 8-4     | 650228   | Locking Flange Nut (M6x18) | 1       |
| 8-5     | 812913   | Transmission Cover Gasket  | 1       |
| 8-6     | 650218   | Bearing (6004LUA)          | 1       |
| 8-7     | 700294   | Oil Seal [27x42x7]         | 1       |
| 8-8     | 812916   | Final Shaft                | 1       |
| 8-9     | 650223   | Circle-Clip #20            | 1       |
| 8-10    | 812917   | Final Drive Gear           | 1       |
| 8-11    | 811216   | Radial Bearing (6002)      | 1       |
| 8-12    | 812915   | Counter Shaft              | 1       |
| 8-13    | 812963   | Radial Ball Bearing (6301) | 1       |
| 8-14    | 812914   | Drive Shaft                | 1       |

## 09. Air Cleaner



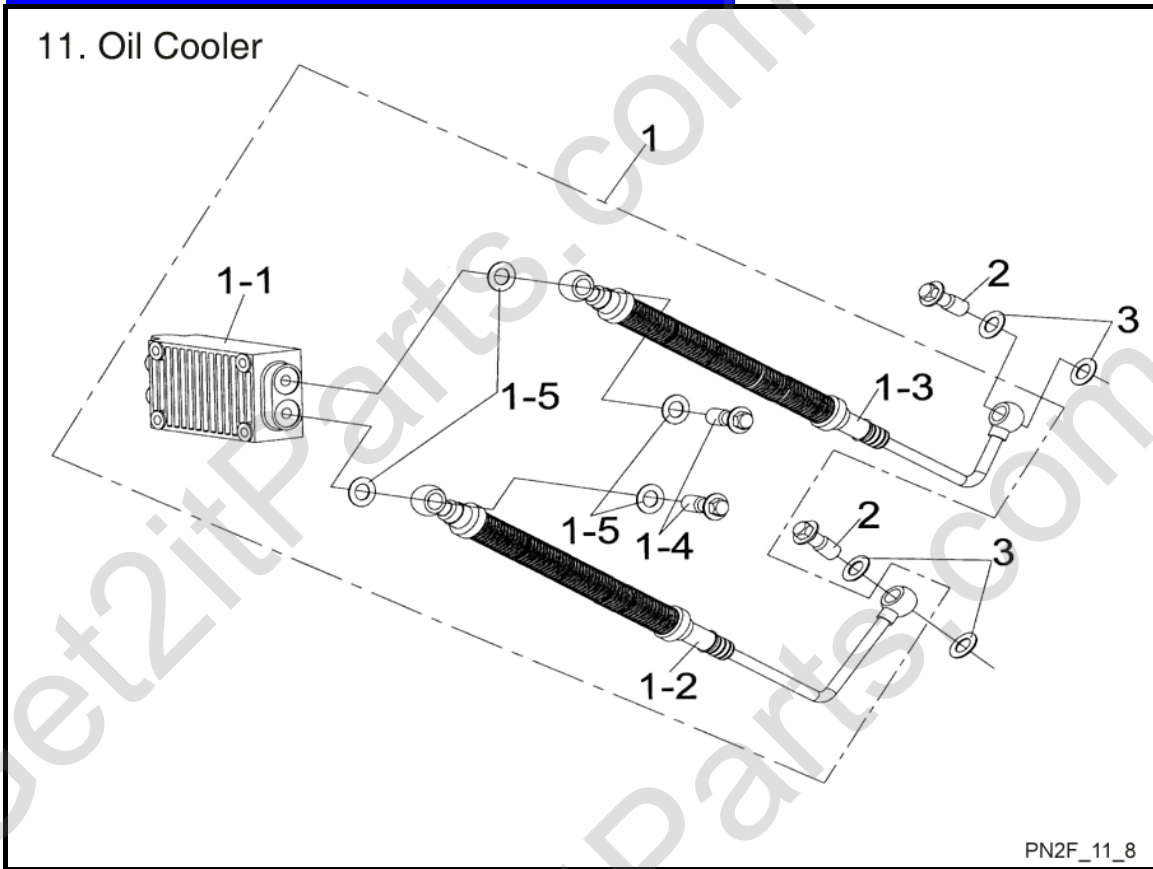
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| Fig Ref | Item No. | Description                | Qty Req |
|---------|----------|----------------------------|---------|
| 9-1     | 812896   | Air Cleaner Assembly       | 1       |
| 9-1-3-2 | 812976   | Breather Tube Joint        | 2       |
| 9-1-3-3 | 812958   | Tube Clamp                 | 2       |
| 9-1-4   | 812894   | Air Cleaner Element        | 1       |
| 9-1-5   | 812897   | Air Cleaner Case Seal      | 1       |
| 9-1-6   | 812895   | Air Cleaner Element Seal   | 1       |
| 9-1-7   | 812645   | Air Cleaner Drain Tube     | 1       |
| 9-1-8   | 811496   | Self Tapping Screw (M5x20) | 6       |
| 9-1-9   | 812957   | Pan Head Bolt & Washer     | 5       |
| 9-1-10  | 812898   | Hose Clamp                 | 1       |
| 9-3     | 750306   | Flange Bolt (M6x50)        | 1       |
| 9-4     | 810421   | Gas Waste Recovery Linkage | 1       |



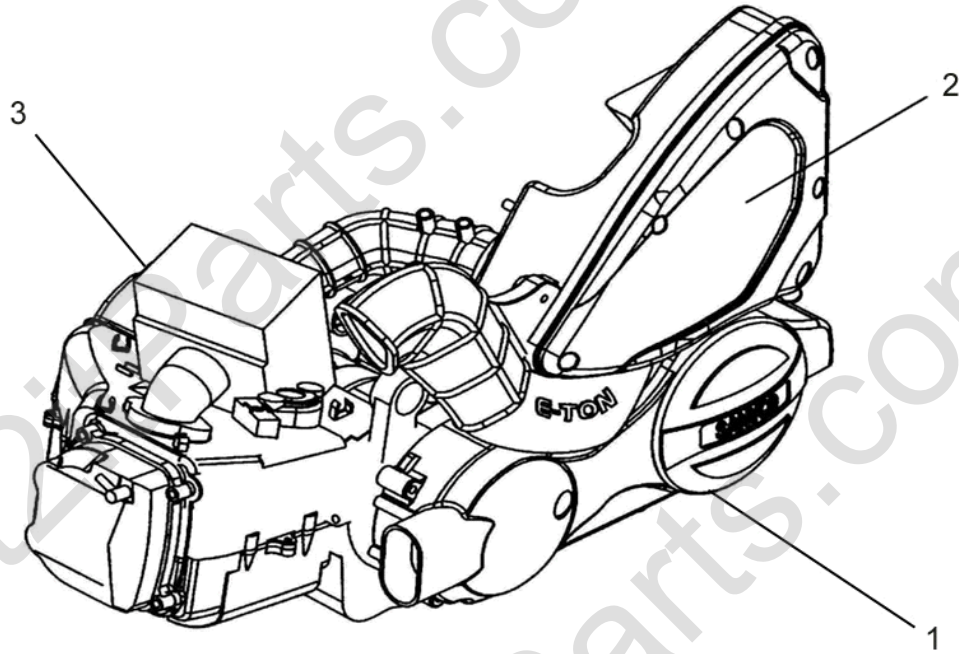
| Fig Ref | Item No. | Description                   | Qty Req |
|---------|----------|-------------------------------|---------|
| 10-1    | 800340   | Carburetor (Elec Choke 150cc) | 1       |
| 10-1    | 811381   | Carburetor (Mnl Choke 150cc)  | 1       |
| 10-1-1  | 810592   | Electric Choke 150cc          | 1       |
| 10-1-2  | 811382   | Manual Choke 150cc            | 1       |
| 10-1-3  | 812886   | Carburetor Tube               | 1       |
| 10-1-4  | 812887   | 3-Way Carburetor Tube         | 1       |
| 10-1-5  | 811536   | Vacuum Piston (Winged Shaft)  | 1       |
| 10-1-6  | 800551   | Carburetor Drain Bolt (150cc) | 1       |
| 10-2    | 812901   | Throttle Cable                | 1       |
| 10-3    | 810420   | Carb Kit (150cc)              | 1       |
| 10-3-1  | 800553   | Carburetor Float (150cc)      | 1       |
| 10-3-2  | 811535   | Jet Needle (*SG5A)            | 1       |
| 10-3-3  | 812337   | Air Mixture Screw             | 1       |
| 10-3-4  | 810404   | Bowl Gasket                   | 1       |
| 10-3-5  | 812335   | A.C.V. Spring                 | 1       |
| 10-3-6  | 812336   | A.C.V. Diaphragm              | 1       |
| 10-3-7  | 810401   | Main Jet Atomizer             | 1       |
| 10-3-8  | 812414   | Main Jet #112                 | 1       |
| 10-3-9  | 810400   | Pilot Jet (*35)               | 1       |
| 10-3-11 | 810403   | Float Valve Needle            | 1       |
| 10-3-12 | 810402   | Jet Needle Guide              | 1       |
| 10-4    | 812902   | Manual Choke Cable            | 1       |
| 10-NP   | 810407   | Main Jet (#104)               | 1       |
| 10-NP   | 811499   | Main Jet (#108)               | 1       |
| 10-NP   | 810423   | Pilot Jet (*38)               | 1       |

## 11. Oil Cooler



| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 11-1    | 813849   | Oil Cooler & Hoses           | 1       |
| 11-1-1  | 800566   | Oil Cooler Unit              | 1       |
| 11-1-2  | 812906   | Oil Inlet Hose               | 1       |
| 11-1-3  | 812907   | Oil Outlet Hose              | 1       |
| 11-1-4  | 800349   | Oil Bypass Bolt (M12x28)     | 2       |
| 11-1-5  | 800350   | Oil Bypass Joint Seal Washer | 4       |
| 11-2    | 800349   | Oil Bypass Bolt (M12x28)     | 2       |
| 11-3    | 800350   | Oil Bypass Joint Seal Washer | 4       |

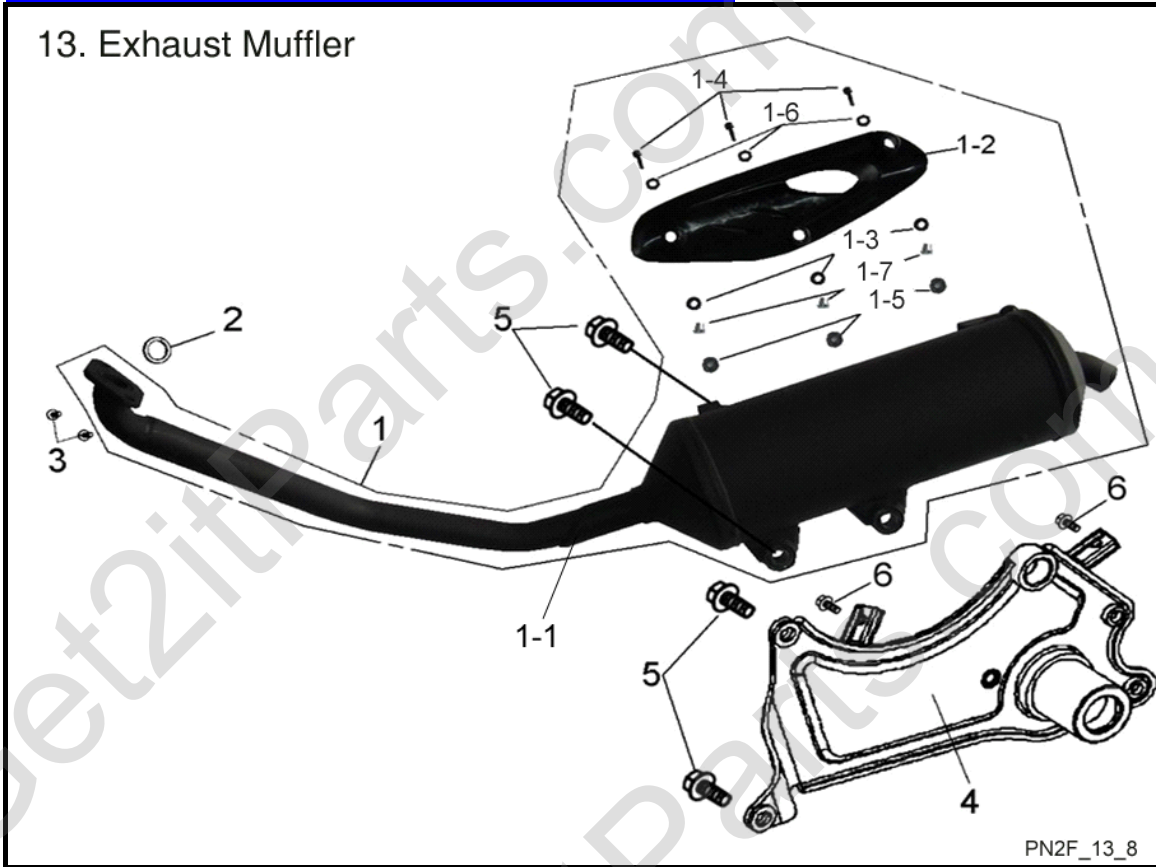
## 12. Engine



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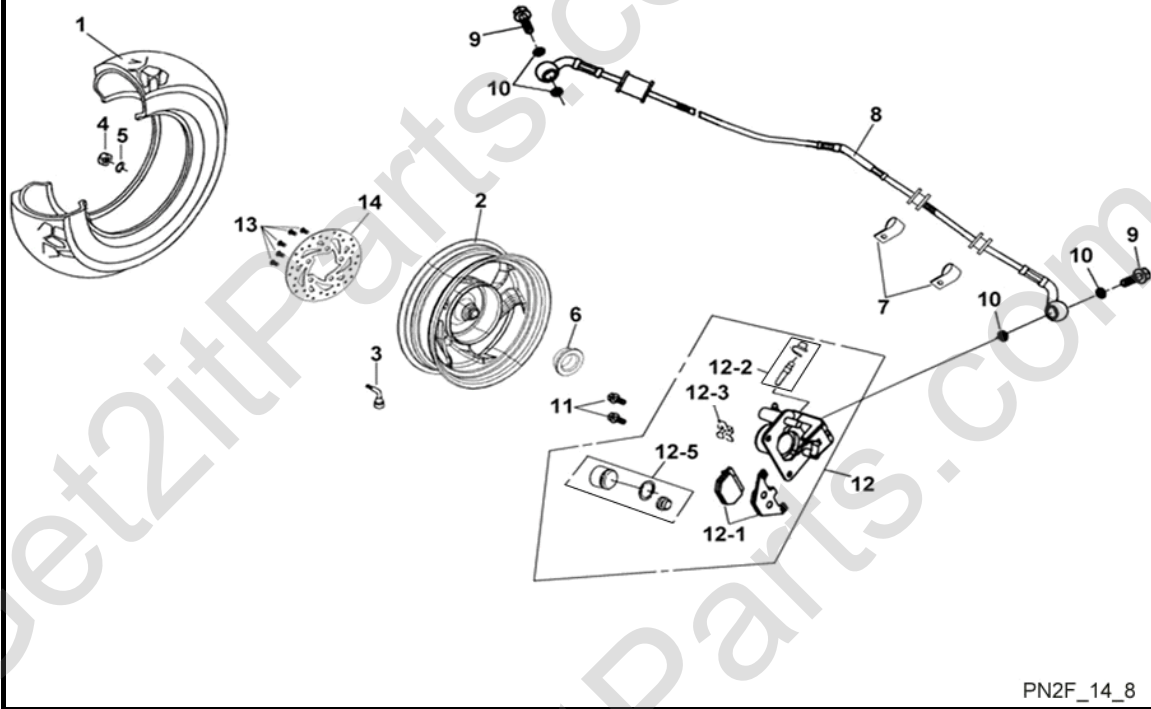
| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 12-1    | 812911   | Engine 150cc                 | 1       |
| 12-2    | 812896   | Air Cleaner Assembly         | 1       |
| 12-3    | 811381   | Carburetor (Mnl Choke 150cc) | 1       |

### 13. Exhaust Muffler



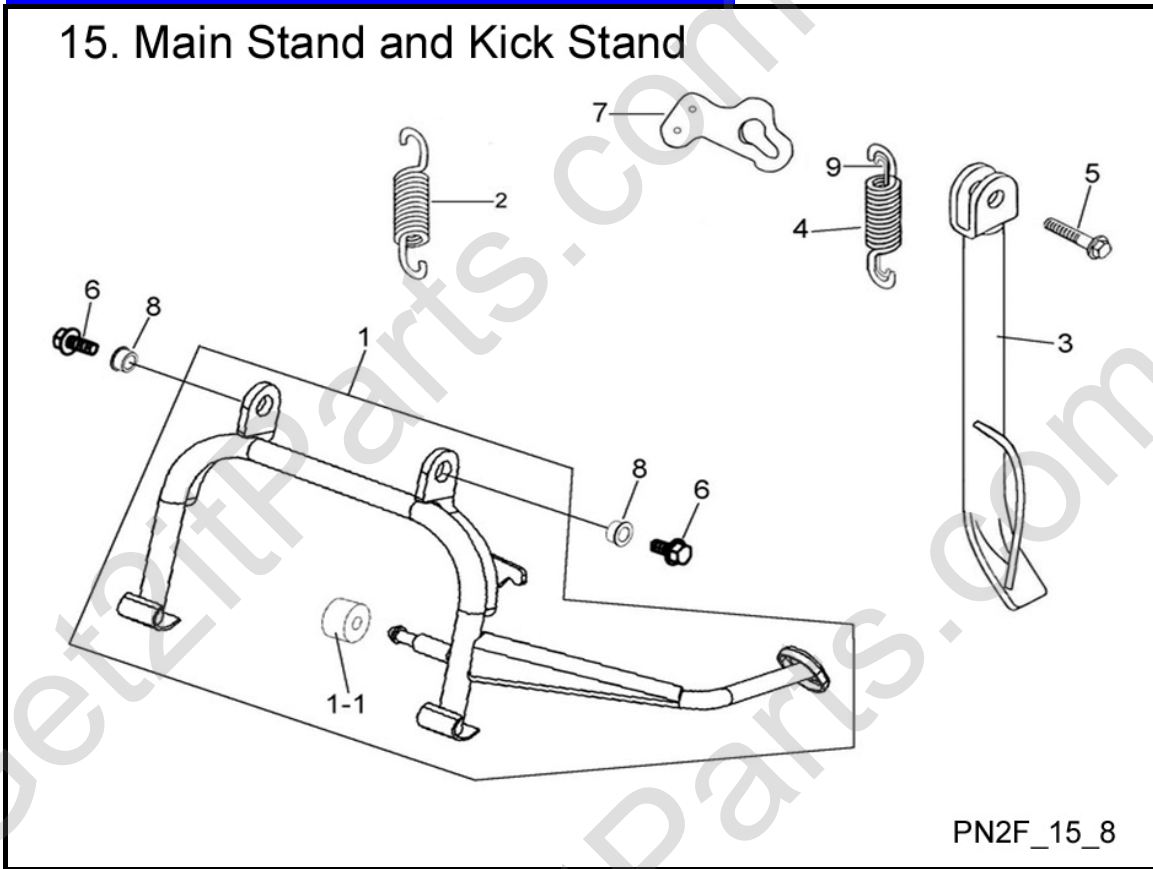
| Fig Ref | Item No. | Description              | Qty Req |
|---------|----------|--------------------------|---------|
| 13-1    | 812905   | Exhaust Muffler Assy.    | 1       |
| 13-1-1  | 812979   | Exhaust Pipe             | 1       |
| 13-1-2  | 812980   | Heat Shield              | 1       |
| 13-1-3  | 812970   | Washer                   | 3       |
| 13-1-4  | 812971   | Heat Shield Flange Bolts | 3       |
| 13-1-5  | 812436   | Insulator Gasket         | 3       |
| 13-1-6  | 812437   | Isolator Grommet         | 3       |
| 13-1-7  | 812438   | Insulator Gasket         | 3       |
| 13-2    | 800200   | Exhaust Muffler Gasket   | 1       |
| 13-3    | 800498   | Nut (M611X16)            | 2       |
| 13-4    | 812939   | Exhaust Bracket          | 1       |
| 13-5    | 650417   | Flange Bolt (M8x30)      | 4       |
| 13-6    | 650271   | Flange Bolt (M6 X 12)    | 2       |

## 14. Rear Wheel



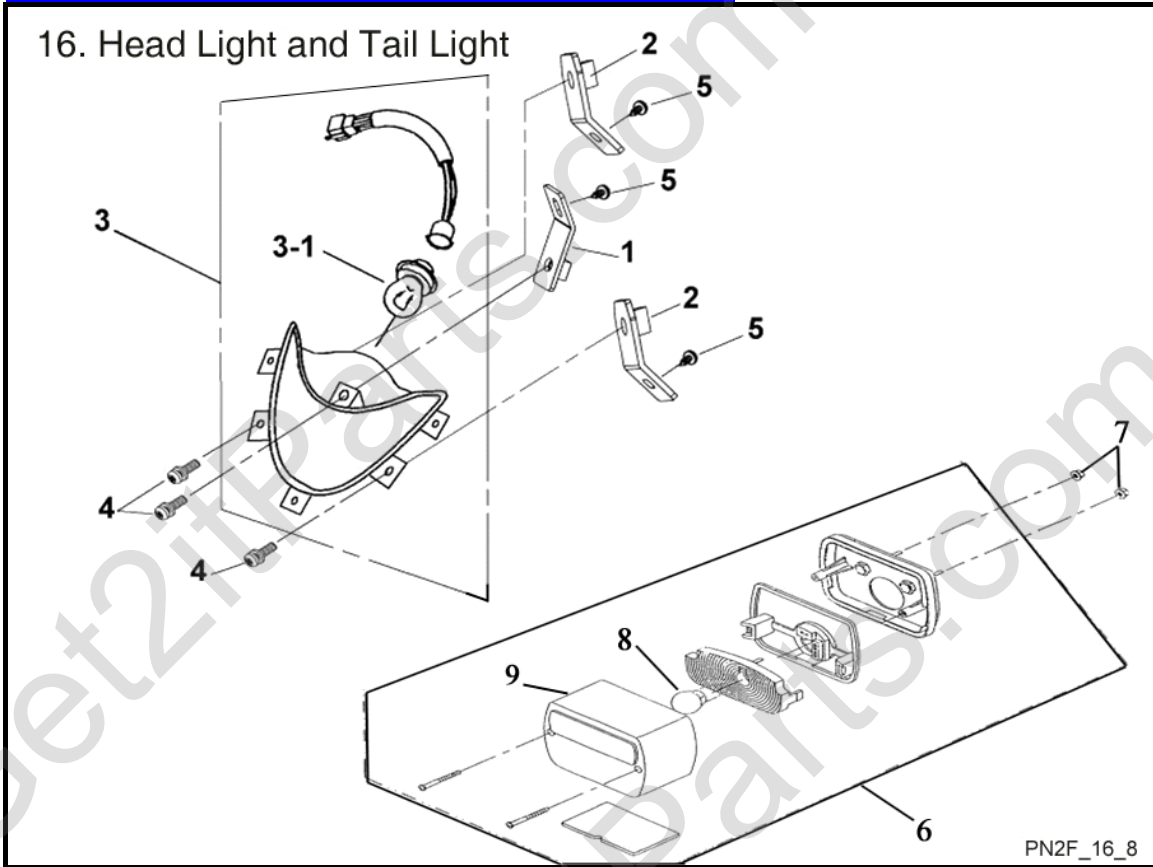
| Fig Ref | Item No. | Description                   | Qty Req |
|---------|----------|-------------------------------|---------|
| 14-1    | 812769   | Rear Tire (130/70-12)         | 1       |
| 14-2    | 812929   | Rear Rim                      | 1       |
| 14-3    | 750351   | Rim Valve                     | 1       |
| 14-4    | 750303   | Lock Nut (M15x24)             | 1       |
| 14-5    | 750310   | Flat Washer (M18x25x1)        | 1       |
| 14-6    | 812768   | Flat Washer (5mm)             | 1       |
| 14-7    | 812108   | Brake Hose Bracket            | 2       |
| 14-8    | 812930   | Rear Hydraulic Brake Line     | 1       |
| 14-9    | 750314   | Brake Hose Union Bolt M10x21  | 2       |
| 14-10   | 750309   | Flat Washer (M10x12x1)        | 4       |
| 14-11   | 650294   | Flange Bolt (M8 X 16)         | 2       |
| 14-12   | 812783   | Rear Disc Brake Caliper       | 1       |
| 14-12-1 | 812805   | Disc Brake Pads (Standard)    | 1       |
| 14-12-1 | 610143   | Disc Brake Pads (Heavy Duty)  | 1       |
| 14-12-2 | 812810   | Bleeder Valve & Cap           | 1       |
| 14-12-3 | 812806   | Caliper Retainer Clip         | 1       |
| 14-12-5 | 812945   | Brake Caliper Service Kit     | 1       |
| 14-13   | 812036   | Round Allen Head Bolt (M8x23) | 5       |
| 14-14   | 812778   | Disc Brake Rotor              | 1       |

## 15. Main Stand and Kick Stand



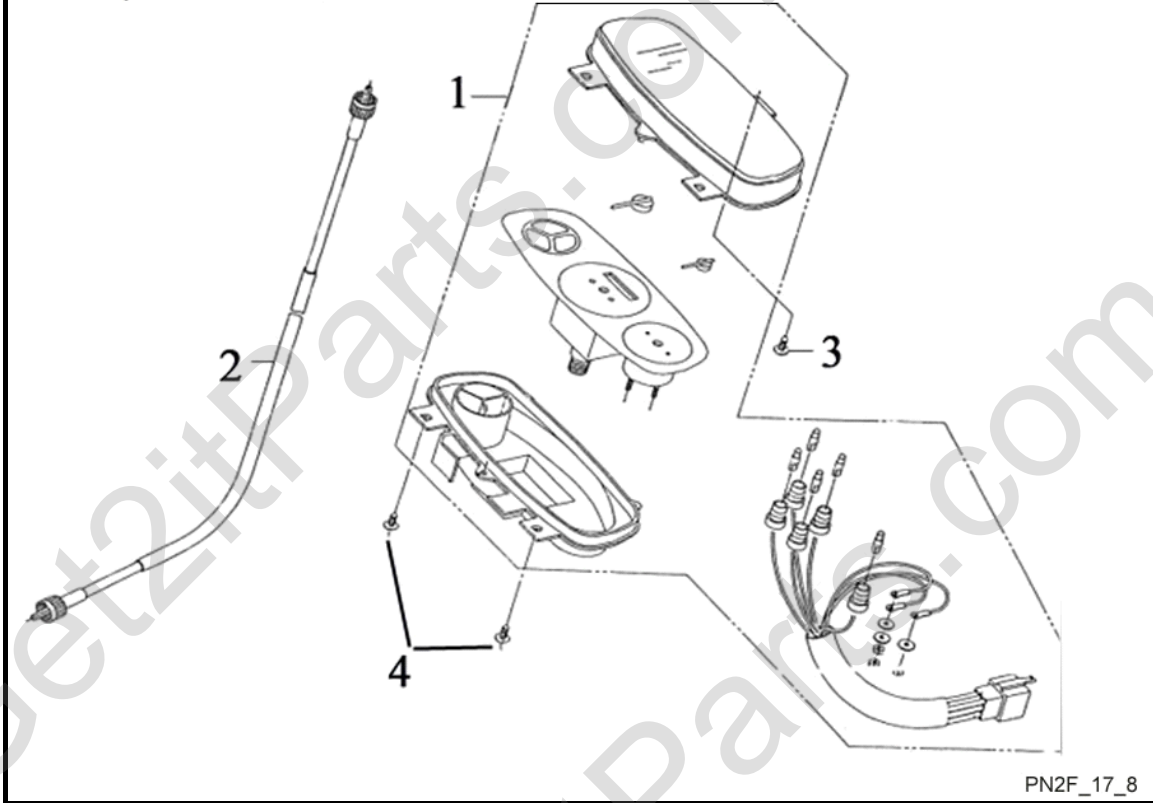
| Fig Ref | Item No. | Description             | Qty Req |
|---------|----------|-------------------------|---------|
| 15-1    | 812936   | Main Stand              | 1       |
| 15-1-1  | 812934   | Main Stand Bushing      | 1       |
| 15-2    | 750365   | Main Stand Outer Spring | 1       |
| 15-3    | 750223   | Side Stand              | 1       |
| 15-4    | 750367   | Side Stand Outer Spring | 1       |
| 15-5    | 750289   | Bolt (M10x50)           | 1       |
| 15-6    | 650911   | Flange Bolt (M10x30)    | 2       |
| 15-7    | 750369   | Auto-Return Plate       | 1       |
| 15-8    | 812935   | Spacer                  | 2       |
| 15-9    | 750368   | Side Stand Inner Spring | 1       |

### 16. Head Light and Tail Light



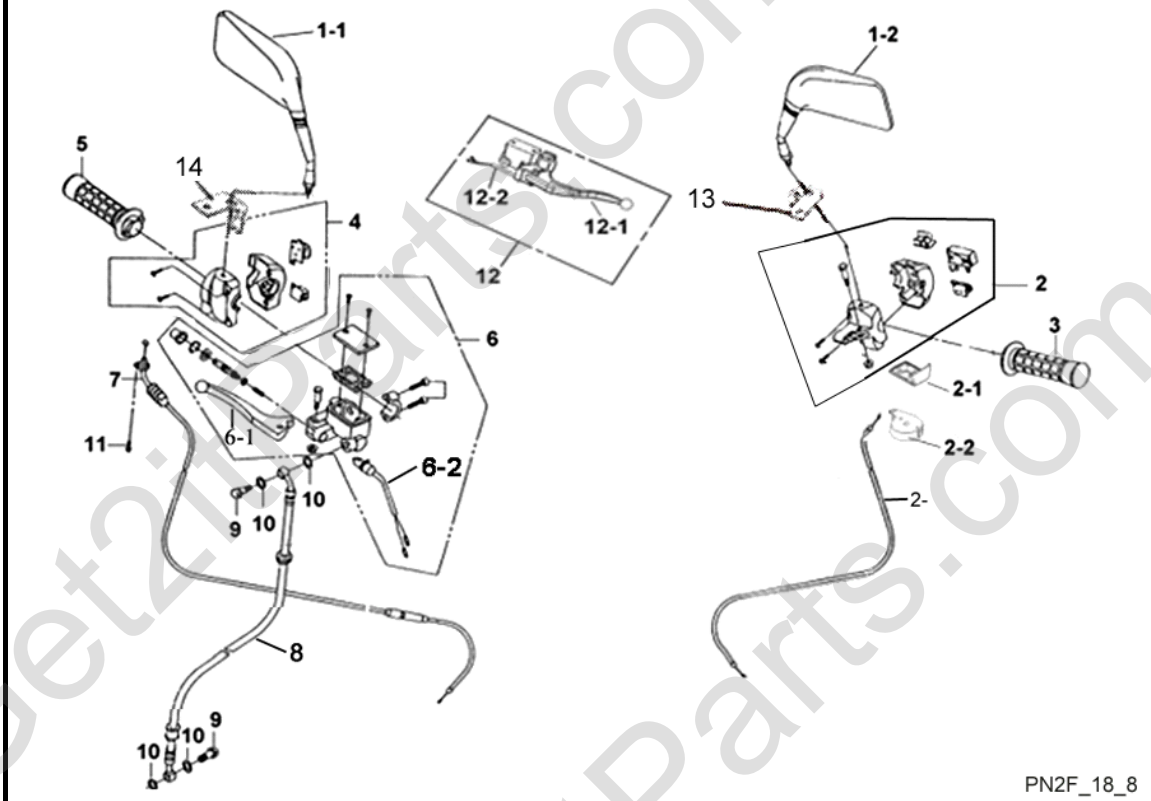
| Fig Ref | Item No. | Description                    | Qty Req |
|---------|----------|--------------------------------|---------|
| 16-1    | 811285   | Head Light Bracket (A)         | 1       |
| 16-2    | 811286   | Head Light Bracket (B)         | 2       |
| 16-3    | 811278   | Head Light                     | 1       |
| 16-3-1  | 811279   | Sngl Headlight Bulb (12Vx35W)  | 1       |
| 16-3-1  | 813842   | Optional Headlite Bulb 12Vx40W | 1       |
| 16-4    | 650453   | Pan Head Bolt & Washer (M6x16) | 3       |
| 16-5    | 750293   | Self-Tapping Screw (M4x15)     | 3       |
| 16-6    | 750180   | Tail Light                     | 1       |
| 16-7    | 750376   | Flange Nut (M6x11)             | 2       |
| 16-8    | 610031   | Tail Light Bulb (12Vx21/5w)    | 1       |
| 16-9    | 811346   | Tail Light Lens                | 1       |

## 17. Speedometer, Cable, and Console



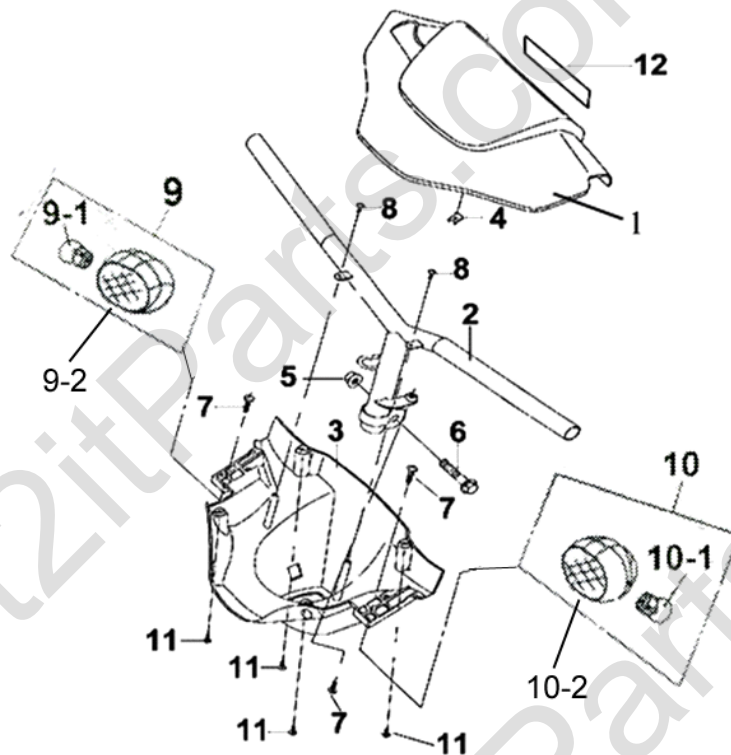
| Fig Ref | Item No. | Description                | Qty Req |
|---------|----------|----------------------------|---------|
| 17-1    | 812926   | Instrument Console         | 1       |
| 17-2    | 812775   | Speedometer Cable          | 1       |
| 17-3    | 750393   | Self-Tapping Screw (M5x15) | 1       |
| 17-4    | 750293   | Self-Tapping Screw (M4x15) | 2       |

## 18. Hand Controls, Cables, Brake Lines, and Mirrors



| Fig Ref | Item No. | Description                    | Qty Req |
|---------|----------|--------------------------------|---------|
| 18-1-1  | 750277   | Rear View Mirror (RH)          | 1       |
| 18-1-2  | 750278   | Rear View Mirror (LH)          | 1       |
| 18-2    | 812781   | Handlebar Switch/Brk Lvr (LH)  | 1       |
| 18-2-1  | 811317   | Manual Choke Lever Adaptor     | 1       |
| 18-2-2  | 812885   | Manual Choke Lever             | 1       |
| 18-2-3  | 811325   | Manual Choke Cable             | 1       |
| 18-3    | 750231   | Handlebar Grip, (LH)           | 1       |
| 18-4    | 750229   | Handlebar Switch (RH)          | 1       |
| 18-5    | 750230   | Handlebar Throttle, (RH)       | 1       |
| 18-6    | 812779   | Brake Master Cylinder (Front)  | 1       |
| 18-6-1  | 812798   | Lever (RH)                     | 1       |
| 18-6-2  | 812797   | Brake Switch Assembly          | 1       |
| 18-7    | 812901   | Throttle Cable                 | 1       |
| 18-8    | 812776   | Brake Hose                     | 1       |
| 18-9    | 750314   | Brake Hose Union Bolt M10x21   | 2       |
| 18-10   | 750309   | Flat Washer (M10x12x1)         | 4       |
| 18-11   | 750397   | Pan Head Bolt (M5x10)          | 1       |
| 18-12   | 812770   | Brake Master Cylinder (Rear)   | 1       |
| 18-12-1 | 750430   | Lever, (only)                  | 1       |
| 18-12-2 | 812409   | Brake Safety Switch            | 1       |
| 18-13   | 812794   | Front Turn Signal Bracket (LH) | 1       |
| 18-14   | 812795   | Front Turn Signal Bracket (RH) | 1       |

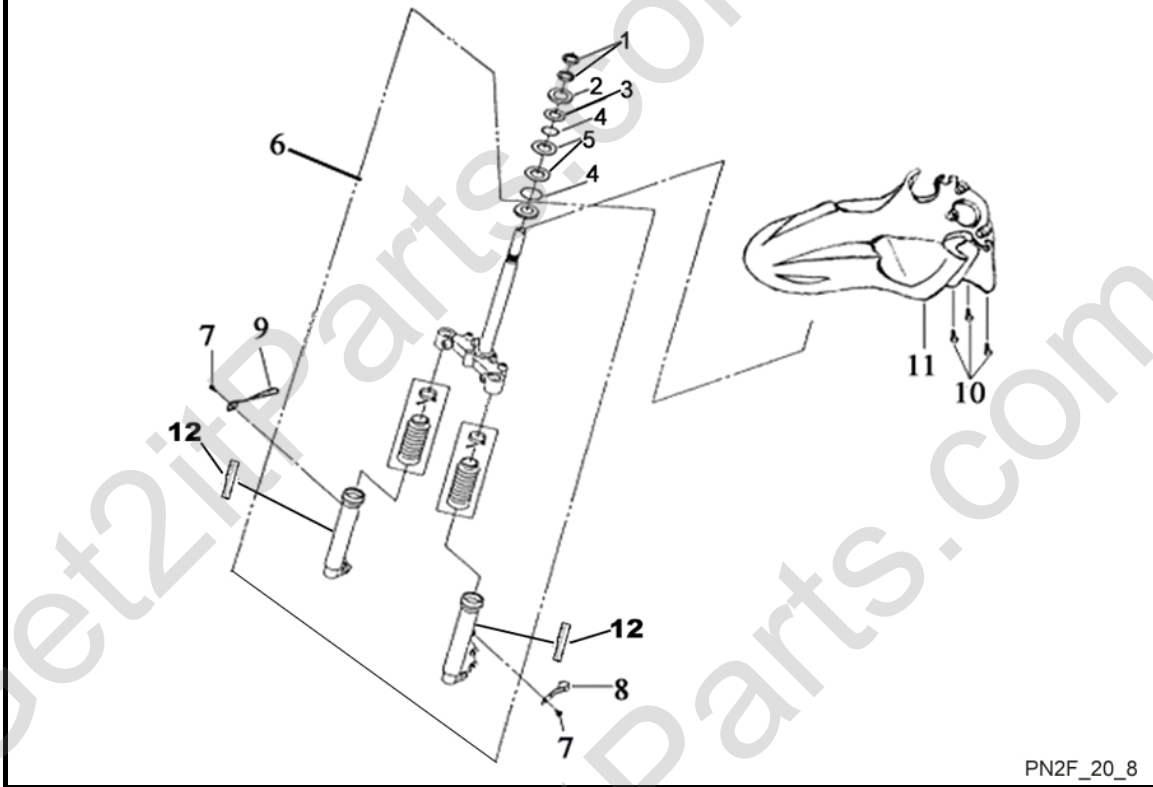
### 19. Handlebar and Front Turn Signals



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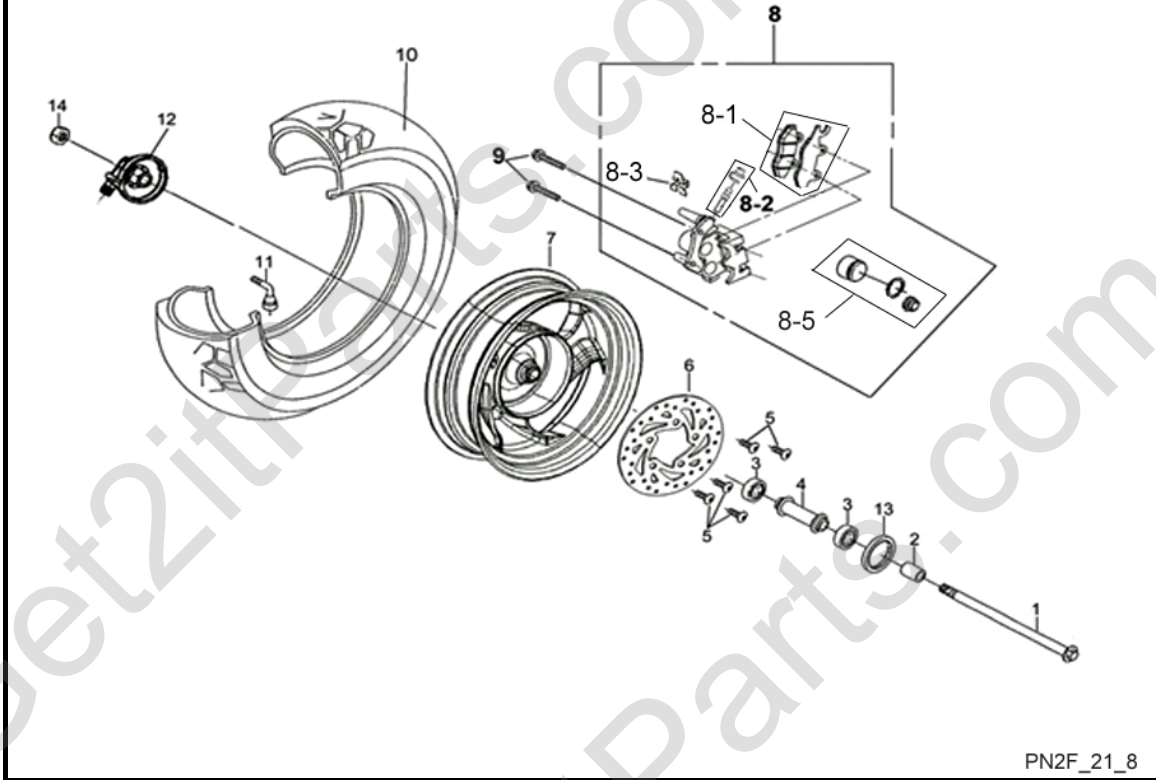
| Fig Ref | Item No. | Description                   | Qty Req |
|---------|----------|-------------------------------|---------|
| 19-1    | 812788   | Handlebar Cover (Black)       | 1       |
| 19-1    | 812799   | Handlebar Cover (Red)         | 1       |
| 19-1    | 812800   | Handlebar Cover (Blue)        | 1       |
| 19-1    | 812801   | Handlebar Cover (Yellow)      | 1       |
| 19-2    | 750227   | Handlebar                     | 1       |
| 19-3    | 811292   | Handlebar Cover (Lower)       | 1       |
| 19-4    | 750302   | Spring Nut (M6)               | 1       |
| 19-5    | 650255   | Locking Flange Nut (M10x19)   | 1       |
| 19-6    | 750288   | Flange Bolt (M10x36)          | 1       |
| 19-7    | 811203   | PanHead Bolt & Washer (M5x12) | 3       |
| 19-8    | 750393   | Self-Tapping Screw (M5x15)    | 2       |
| 19-9    | 812878   | Front Turn Signal Light (RH)  | 1       |
| 19-9-1  | 812883   | Turn Signal Bulb (12Vx10W)    | 1       |
| 19-9-2  | 813845   | Turn Signal Lens (RH)         | 1       |
| 19-10   | 812879   | Front Turn Signal Light (LH)  | 1       |
| 19-10-1 | 812883   | Turn Signal Bulb (12Vx10W)    | 1       |
| 19-10-2 | 813844   | Turn Signal Lens (LH)         | 1       |
| 19-11   | 750293   | Self-Tapping Screw (M4x15)    | 4       |
| 19-12   | 750273   | DOT Label                     | 1       |

## 20. Steering Fork and Front Wheel Cover



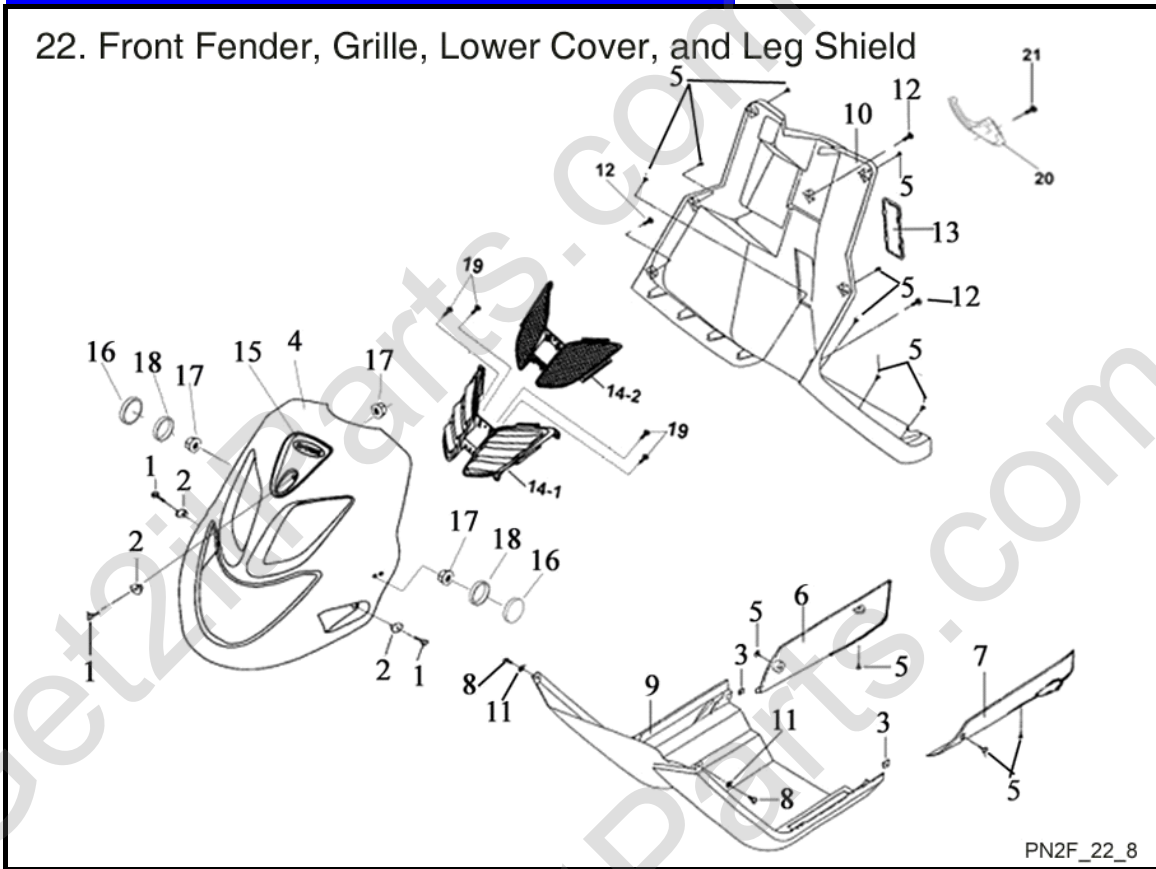
| Fig Ref | Item No. | Description                | Qty Req |
|---------|----------|----------------------------|---------|
| 20-1    | 750301   | Locking Nut (M24x40x6)     | 2       |
| 20-2    | 750236   | Bearing Race Cover         | 1       |
| 20-3    | 750218   | Bearing Race (Upper)       | 1       |
| 20-4    | 750348   | Ball Bearing Cage          | 2       |
| 20-5    | 750219   | Bearing Race (Lower)       | 2       |
| 20-6    | 812940   | Front Fork Assy.           | 1       |
| 20-7    | 750398   | Pan Head Bolt (M6x10)      | 2       |
| 20-8    | 750213   | Brake Hose Clamp           | 1       |
| 20-9    | 750232   | Cable Holder               | 1       |
| 20-10   | 750290   | Flange Bolt (M6x15)        | 3       |
| 20-11   | 810450   | Front Wheel Cover (Yellow) | 1       |
| 20-11   | 810453   | Front Wheel Cover (Black)  | 1       |
| 20-11   | 810451   | Front Wheel Cover (Red)    | 1       |
| 20-11   | 810454   | Front Wheel Cover (Blue)   | 1       |
| 20-12   | 811307   | E-TON Racing Grahpic       | 2       |

## 21. Front Wheel



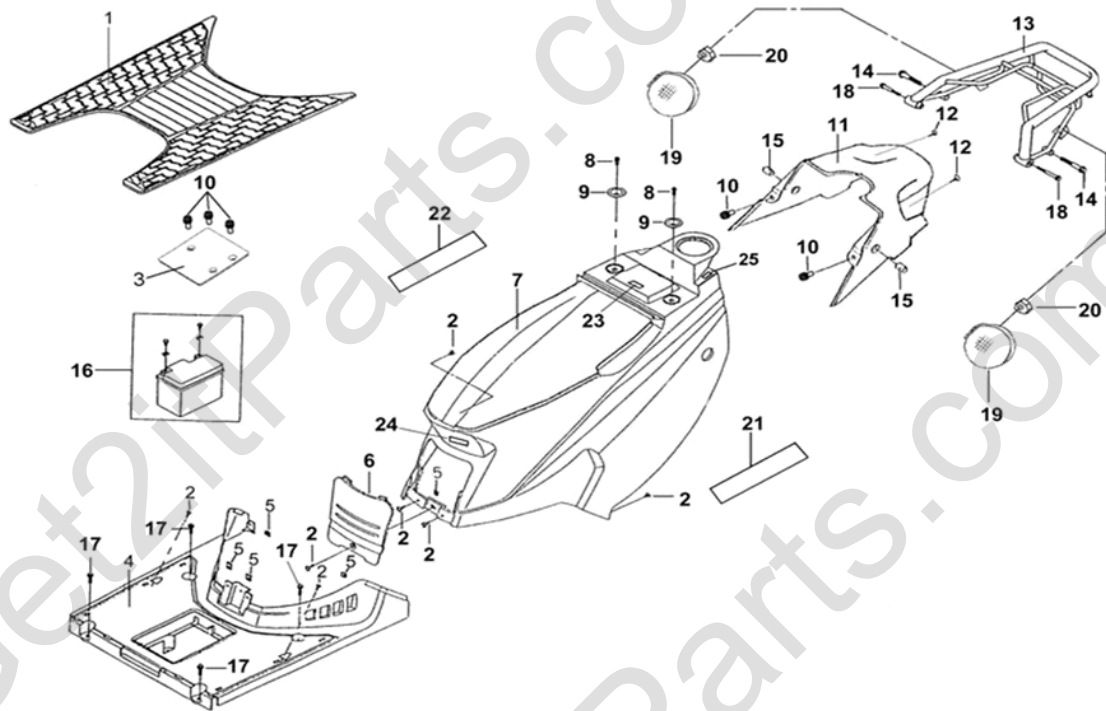
| Fig Ref | Item No. | Description                 | Qty Req |
|---------|----------|-----------------------------|---------|
| 21-1    | 750205   | Wheel Axle                  | 1       |
| 21-2    | 750313   | Collar (M12x22x20)          | 1       |
| 21-3    | 750391   | Bearing (6201LU)            | 2       |
| 21-4    | 750206   | Collar                      | 1       |
| 21-5    | 750292   | Allen Head Bolt (M10x20)    | 5       |
| 21-6    | 812778   | Disc Brake Rotor            | 1       |
| 21-7    | 812772   | Front Rim                   | 1       |
| 21-8    | 812782   | Front Disc Brake Caliper    | 1       |
| 21-8-1  | 812803   | Front Brake Pads            | 1       |
| 21-8-2  | 812809   | Bleeder Valve & Cap         | 1       |
| 21-8-3  | 812804   | Caliper Retainer Clip       | 1       |
| 21-8-5  | 812944   | Brake Caliper Service Kit   | 1       |
| 21-9    | 750382   | Flange Bolt (M8x30)         | 2       |
| 21-10   | 812773   | Front Tire (120/70-12)      | 1       |
| 21-11   | 750351   | Rim Valve                   | 1       |
| 21-12   | 812774   | Speedometer Sensor          | 1       |
| 21-13   | 650345   | Oil Seal (22x35x7)          | 1       |
| 21-14   | 750370   | Locking Flange Nut (M12x22) | 1       |

## 22. Front Fender, Grille, Lower Cover, and Leg Shield



| Fig Ref | Item No. | Description                    | Qty Req |
|---------|----------|--------------------------------|---------|
| 22-1    | 650270   | Button Head Bolt (M6x17)       | 3       |
| 22-2    | 750401   | Cover Retainer Grommet         | 3       |
| 22-3    | 750302   | Spring Nut                     | 2       |
| 22-4    | 811295   | Front Fender (Black)           | 1       |
| 22-4    | 811296   | Front Fender (Red)             | 1       |
| 22-4    | 811297   | Front Fender (Blue)            | 1       |
| 22-4    | 811298   | Front Fender (Yellow)          | 1       |
| 22-5    | 750393   | Self-Tapping Screw (M5x15)     | 12      |
| 22-6    | 750262   | Rocker Panel (RH)              | 1       |
| 22-7    | 812807   | Rocker Panel (LH)              | 1       |
| 22-8    | 650311   | Pan Head Bolt (M6x12)          | 2       |
| 22-9    | 812937   | Lower Cover                    | 1       |
| 22-10   | 750246   | Leg Shield                     | 1       |
| 22-11   | 750338   | Flat Washer (M6x11x1)          | 2       |
| 22-12   | 650453   | Pan Head Bolt & Washer (M6x16) | 3       |
| 22-13   | 750247   | VIN Number Cover               | 1       |
| 22-14-1 | 811288   | Front Grill Plate (Matrix)     | 1       |
| 22-14-2 | 811289   | Front Grill Screen             | 1       |
| 22-15   | 811319   | E-TON Graphic                  | 1       |
| 22-16   | 750182   | Circle Reflector (Amber)       | 2       |
| 22-17   | 750334   | Nut (M6x10)                    | 3       |
| 22-18   | 750189   | Reflector Seat                 | 2       |
| 22-19   | 750293   | Self-Tapping Screw (M4x15)     | 4       |
| 22-20   | 812802   | Helmet Hook                    | 1       |
| 22-21   | 811078   | Pan Head Bolt (M6x30)          | 1       |

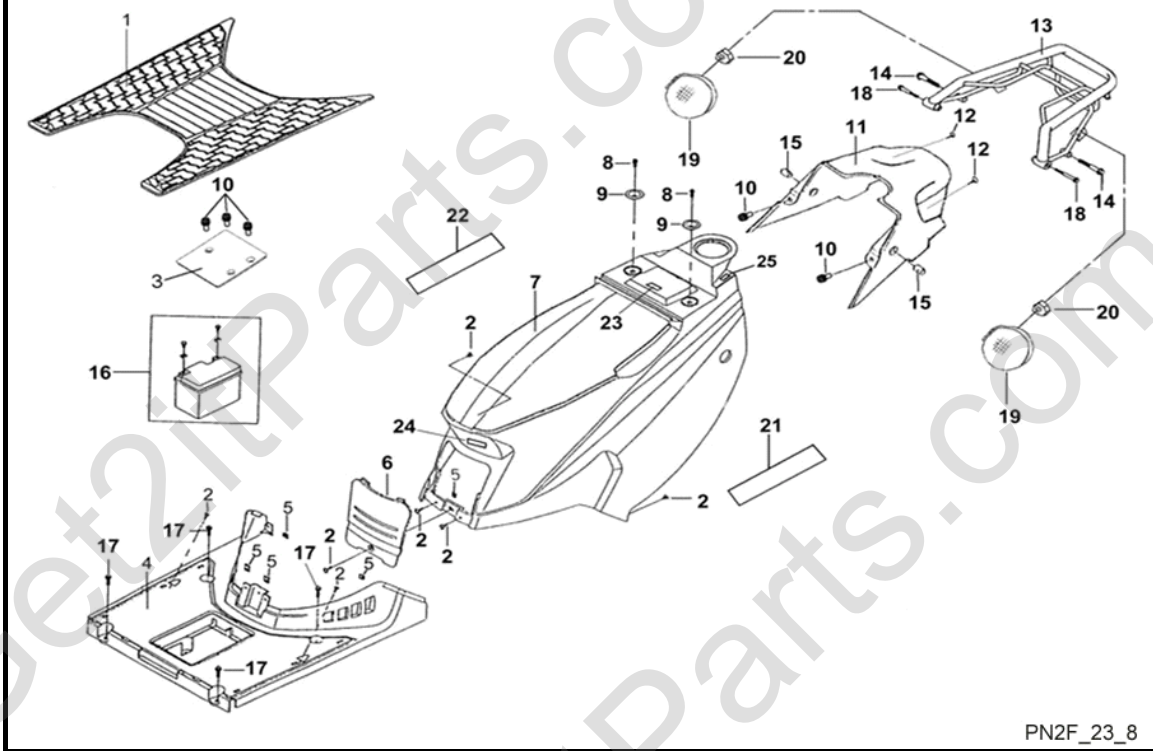
## 23. Body Cover, Rear Rack, and Foot Mat



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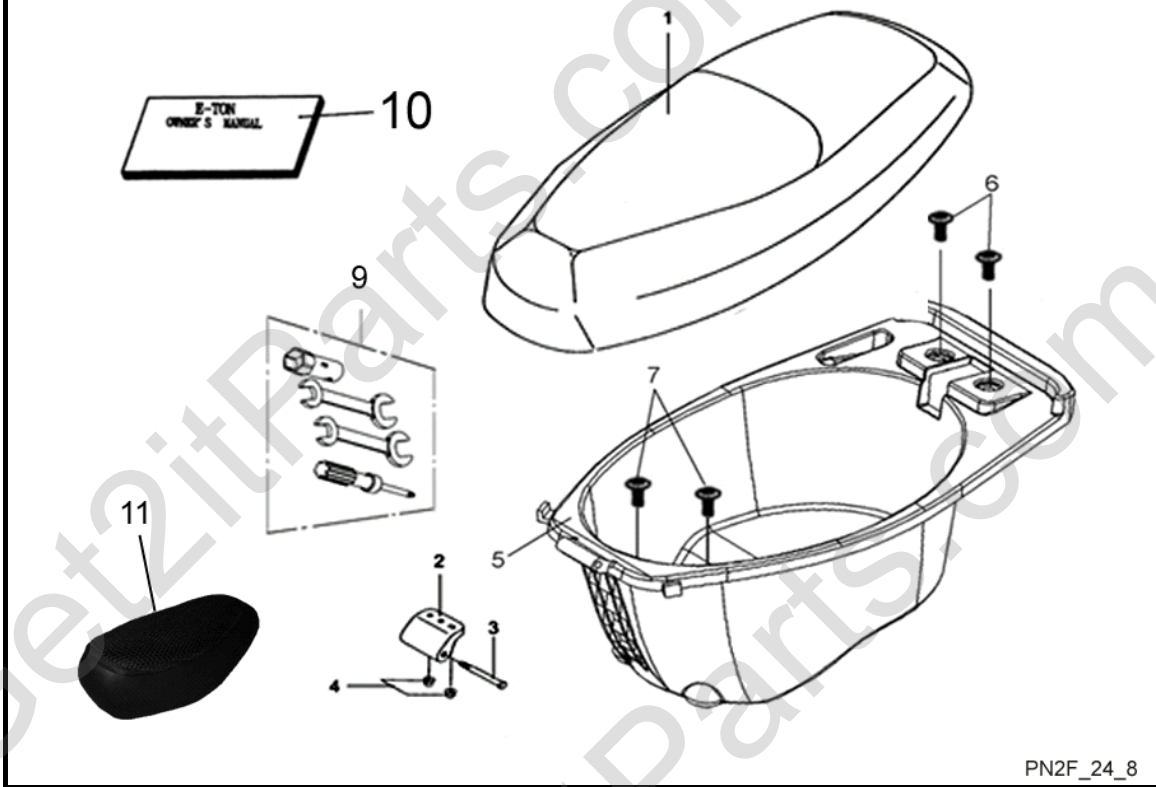
| Fig Ref | Item No. | Description                    | Qty Req |
|---------|----------|--------------------------------|---------|
| 23-1    | 750249   | Footrest Rubber Mat            | 1       |
| 23-2    | 750393   | Self-Tapping Screw (M5x15)     | 7       |
| 23-3    | 812932   | Battery Cover                  | 1       |
| 23-4    | 812941   | Footrest Board                 | 1       |
| 23-5    | 750302   | Spring Nut                     | 5       |
| 23-6    | 810438   | Access Cover (Black)           | 1       |
| 23-6    | 810436   | Access Cover (Red)             | 1       |
| 23-6    | 810439   | Access Cover (Blue)            | 1       |
| 23-6    | 810435   | Access Cover (Yellow)          | 1       |
| 23-7    | 810440   | Body Cover (Yellow)            | 1       |
| 23-7    | 810443   | Body Cover (Black)             | 1       |
| 23-7    | 810444   | Body Cover (Blue)              | 1       |
| 23-7    | 810441   | Body Cover (Red)               | 1       |
| 23-8    | 750305   | Flange Bolt (M6x10)            | 2       |
| 23-9    | 750258   | Seat Support                   | 2       |
| 23-10   | 650453   | Pan Head Bolt & Washer (M6x16) | 5       |
| 23-11   | 810428   | Back Cover (Black)             | 1       |
| 23-11   | 810426   | Back Cover (Red)               | 1       |
| 23-11   | 810429   | Back Cover (Blue)              | 1       |
| 23-11   | 810425   | Back Cover (Yellow)            | 1       |
| 23-12   | 750308   | Bolt & Washer (M5x16)          | 2       |
| 23-13   | 750400   | Rear Rack                      | 1       |
| 23-14   | 750307   | Flange Bolt (M8x50)            | 2       |
| 23-15   | 750399   | Spacer                         | 2       |
| 23-16   | 800453   | Battery (GTX9-BS)              | 1       |
| 23-17   | 650901   | Bolt & Washer (M6x20)          | 4       |

## 23. Body Cover, Rear Rack, and Foot Mat



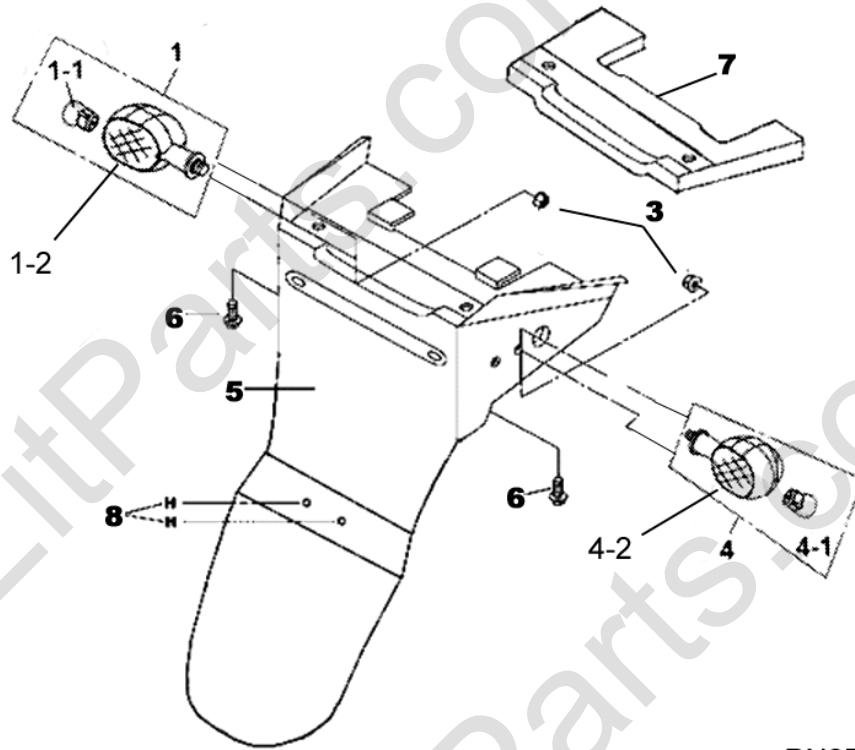
| Fig Ref | Item No. | Description               | Qty Req |
|---------|----------|---------------------------|---------|
| 23-18   | 750306   | Flange Bolt (M6x50)       | 2       |
| 23-19   | 750183   | Circle Reflector (Red)    | 2       |
| 23-20   | 750334   | Nut (M6x10)               | 2       |
| 23-21   | 812949   | Beamer R4 Graphic LH (07) | 1       |
| 23-22   | 812950   | Beamer R4 Graphic RH (07) | 1       |
| 23-24   | 812952   | Emission Control Lable    | 1       |
| 23-25   | 812953   | Fuel Tank Warning Sticker | 1       |

## 24. Seat, Tool Kit, Helmet Box, and Owner's Manual



| Fig Ref | Item No. | Description                  | Qty Req |
|---------|----------|------------------------------|---------|
| 24-1    | 750254   | Seat                         | 1       |
| 24-2    | 750256   | Seat Hinge                   | 1       |
| 24-3    | 750403   | Hinge Pin Bolt (M6x70)       | 1       |
| 24-4    | 750376   | Flange Nut (M6x11)           | 2       |
| 24-5    | 812947   | Helmet Box                   | 1       |
| 24-6    | 650901   | Bolt & Washer (M6x20)        | 2       |
| 24-7    | 811336   | Bolt & Washer (M6x25)        | 3       |
| 24-9    | 812954   | Tool Kit                     | 1       |
| 24-10   | 812808   | Beamer R4-150 Owner's Manual | 1       |
| 24-11   | 813850   | Heat Insulation Seat Cover   | 1       |

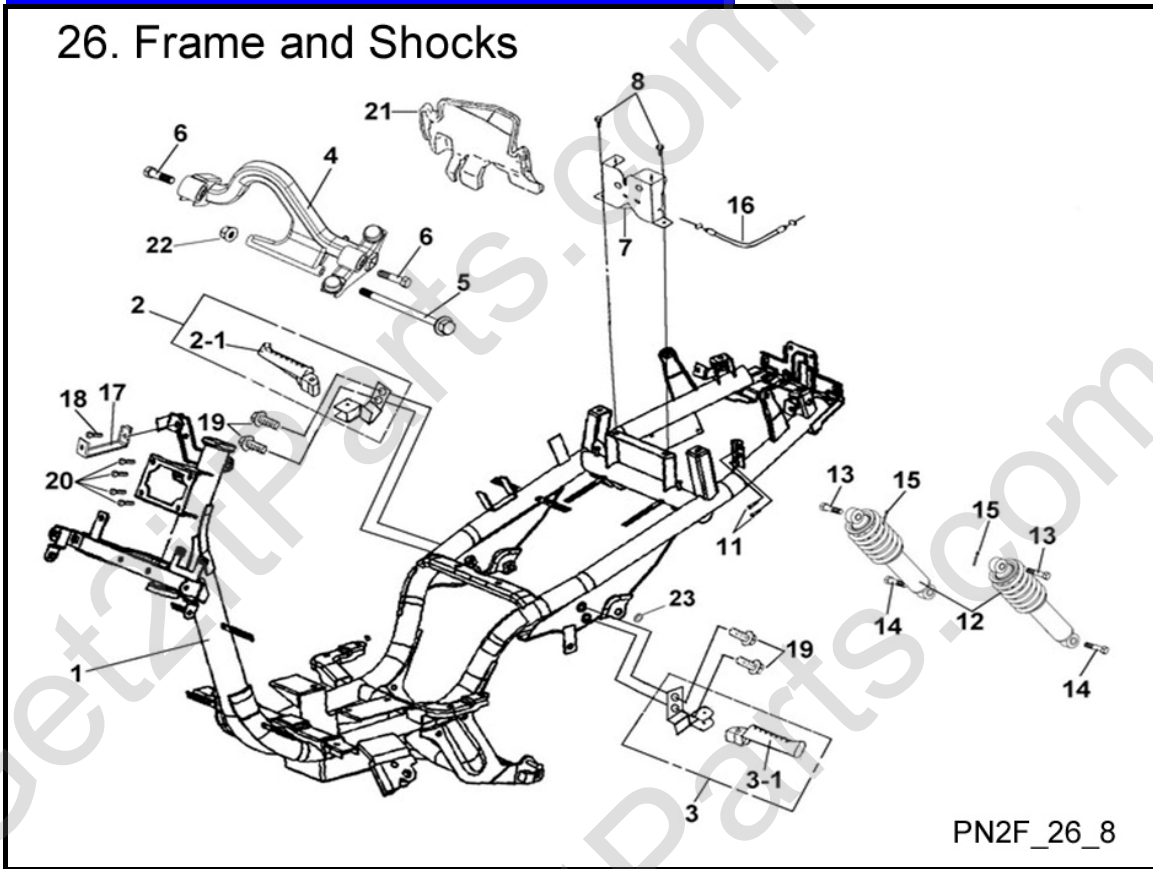
## 25. License Plate Holder & Rear Turn Signals



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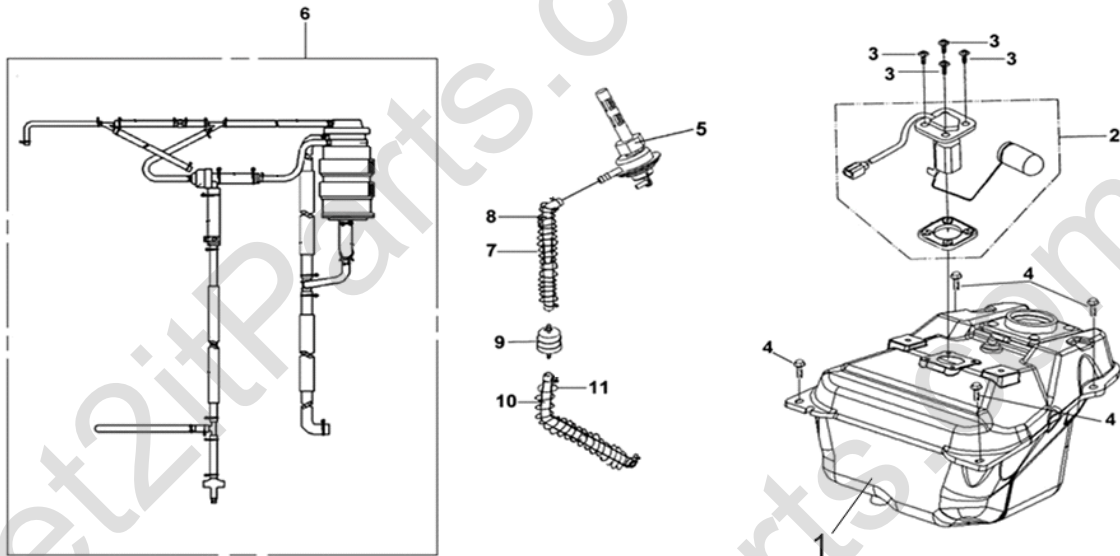
| Fig Ref | Item No. | Description                 | Qty Req |
|---------|----------|-----------------------------|---------|
| 25-1    | 812881   | Rear Turn Signal Light (LH) | 1       |
| 25-1-1  | 812883   | Turn Signal Bulb (12Vx10W)  | 1       |
| 25-1-2  | 813844   | Turn Signal Lens (LH)       | 1       |
| 25-3    | 800504   | Locking Flange Nut (M6x11)  | 2       |
| 25-4    | 812880   | Rear Turn Signal Light (RH) | 1       |
| 25-4-1  | 812883   | Turn Signal Bulb (12Vx10W)  | 1       |
| 25-4-2  | 813845   | Turn Signal Lens (RH)       | 1       |
| 25-5    | 750266   | License Plate Holder        | 1       |
| 25-6    | 750379   | Bolt & Washer (M6x25)       | 2       |
| 25-7    | 812948   | License Plate Pad           | 1       |
| 25-8    | 750268   | Rubber Plug                 | 2       |

### 26. Frame and Shocks



| Fig Ref | Item No. | Description                    | Qty Req |
|---------|----------|--------------------------------|---------|
| 26-1    | 812931   | Frame                          | 1       |
| 26-2    | 812943   | Footrest & Bracket (RH)        | 1       |
| 26-2-1  | 750253   | Footrest (RH)                  | 1       |
| 26-3    | 812942   | Footrest & Bracket (LH)        | 1       |
| 26-3-1  | 750252   | Footrest (LH)                  | 1       |
| 26-4    | 812933   | Engine Hanger                  | 1       |
| 26-5    | 700236   | Swing Arm Set Bolt (M10x186)   | 1       |
| 26-6    | 812206   | Flange Bolt (M10x60)           | 2       |
| 26-7    | 750257   | Seat Lock                      | 1       |
| 26-8    | 650295   | Flange Bolt (M6x16)            | 2       |
| 26-11   | 750336   | Pan Head Bolt & Washer (M5x10) | 2       |
| 26-12   | 812938   | Rear Shock Absorber            | 2       |
| 26-13   | 750286   | Flange Bolt (M10x31)           | 2       |
| 26-14   | 650927   | Flange Bolt (M8x35)            | 2       |
| 26-15   | 750318   | Hair Pin Cotter                | 2       |
| 26-16   | 812946   | Seat Lock Release Cable        | 1       |
| 26-17   | 811349   | Fender Bracket                 | 1       |
| 26-18   | 750381   | Flange Bolt (M6x12)            | 1       |
| 26-19   | 700273   | Flange Bolt (M8x40)            | 4       |
| 26-20   | 750306   | Flange Bolt (M6x50)            | 4       |
| 26-21   | 812965   | Protective Cover               | 1       |
| 26-22   | 650961   | Locking Flange Nut (M10x20)    | 1       |
| 26-23   | 812966   | Spacer                         | 1       |

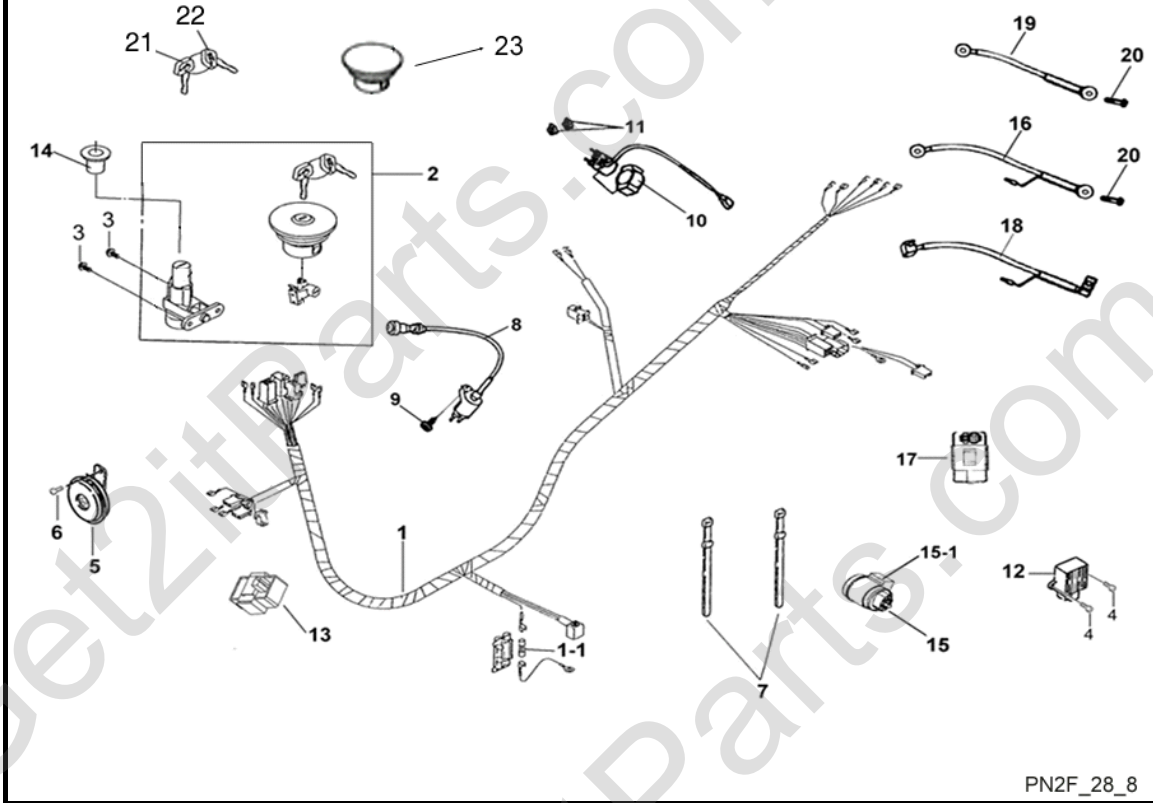
## 27. Fuel Tank



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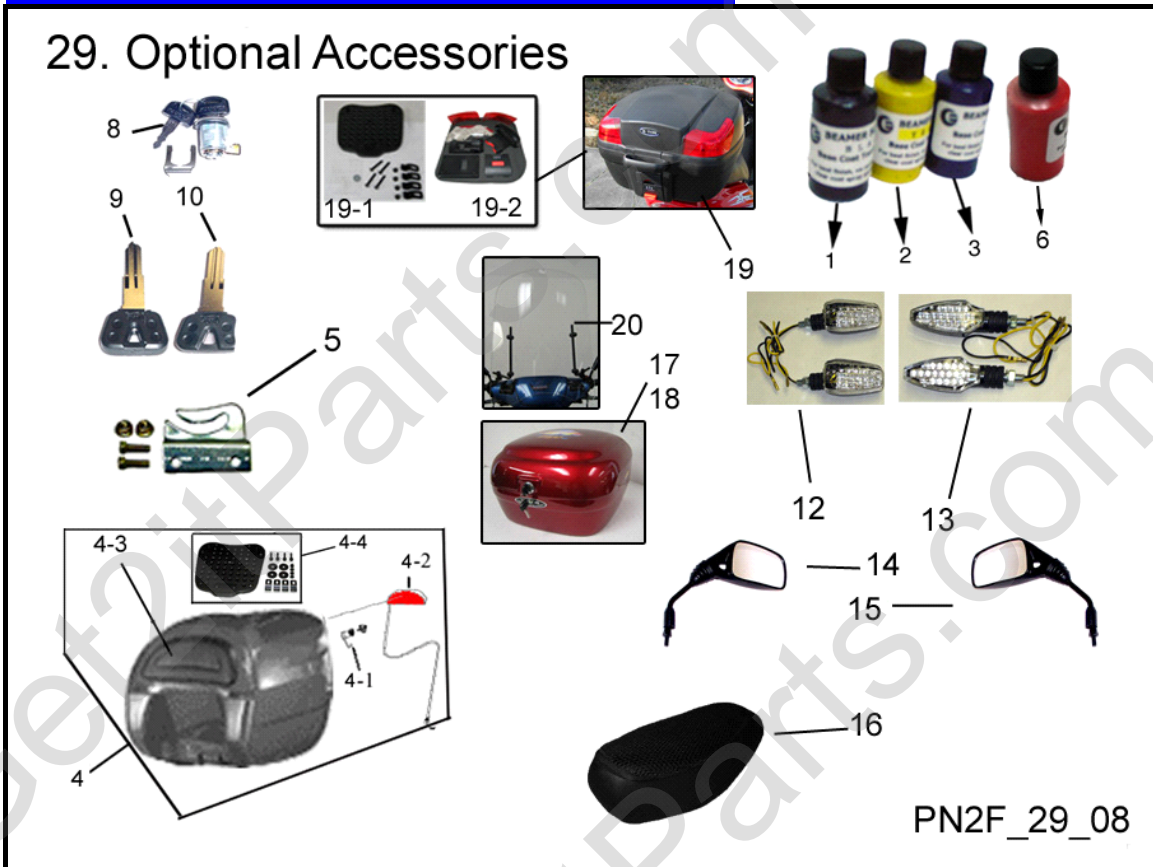
| Fig Ref | Item No. | Description               | Qty Req |
|---------|----------|---------------------------|---------|
| 27-1    | 812900   | Fuel Tank                 | 1       |
| 27-2    | 812927   | Fuel Level Sending Unit   | 1       |
| 27-3    | 750294   | Bolt & Washer (M5x15)     | 4       |
| 27-4    | 650901   | Bolt & Washer (M6x20)     | 4       |
| 27-5    | 810419   | Fuel Petcock (Vacuum)     | 1       |
| 27-6    | 812899   | Waste Gas Recovery System | 1       |
| 27-7    | 750320   | Fuel Line Protector       | 1       |
| 27-8    | 750136   | Fuel Line - A             | 1       |
| 27-9    | 800002   | Fuel Filter Element       | 1       |
| 27-10   | 750138   | Fuel Line - B             | 1       |
| 27-11   | 750321   | Fuel Line Protector       | 1       |

## 28. Electrical Components



| Fig Ref | Item No. | Description                    | Qty Req |
|---------|----------|--------------------------------|---------|
| 28-1    | 812919   | Wiring Harness                 | 1       |
| 28-1-1  | 810300   | Fuse (10A)                     | 1       |
| 28-2    | 812922   | Key Set (3pcs & Keys)          | 1       |
| 28-3    | 750396   | Break Head Bolt (M6x20)        | 2       |
| 28-4    | 650453   | Pan Head Bolt & Washer (M6x16) | 2       |
| 28-5    | 650975   | Horn                           | 1       |
| 28-6    | 750395   | Pan Head Bolt (M6x10)          | 1       |
| 28-7    | 650451   | Wire Zip Ties                  | 2       |
| 28-8    | 811614   | Ignition Coil Assembly         | 1       |
| 28-9    | 610116   | Bolt & Washer (M5x20)          | 1       |
| 28-10   | 812925   | Starter Relay                  | 1       |
| 28-11   | 750334   | Nut (M6x10)                    | 2       |
| 28-12   | 750175   | Rectifier                      | 1       |
| 28-13   | 810424   | Light Controller Module        | 1       |
| 28-14   | 750436   | Ignition Switch Cap            | 1       |
| 28-15   | 812882   | Flasher Relay                  | 1       |
| 28-15-1 | 810459   | Flasher Mounting Strap         | 1       |
| 28-16   | 811679   | Negative Terminal Cable        | 1       |
| 28-17   | 812918   | CDI Module                     | 1       |
| 28-18   | 812920   | Positive Cable                 | 1       |
| 28-19   | 812921   | Negative Cable                 | 1       |
| 28-20   | 811752   | Allen Head Bolt (M6x12)        | 2       |
| 28-21   | 812923   | Blank Key (Right Cut)          | 1       |
| 28-22   | 812924   | Blank Key (Left Cut)           | 1       |
| 28-23   | 813273   | Fuel Tank Cap (Keyless)        | 1       |

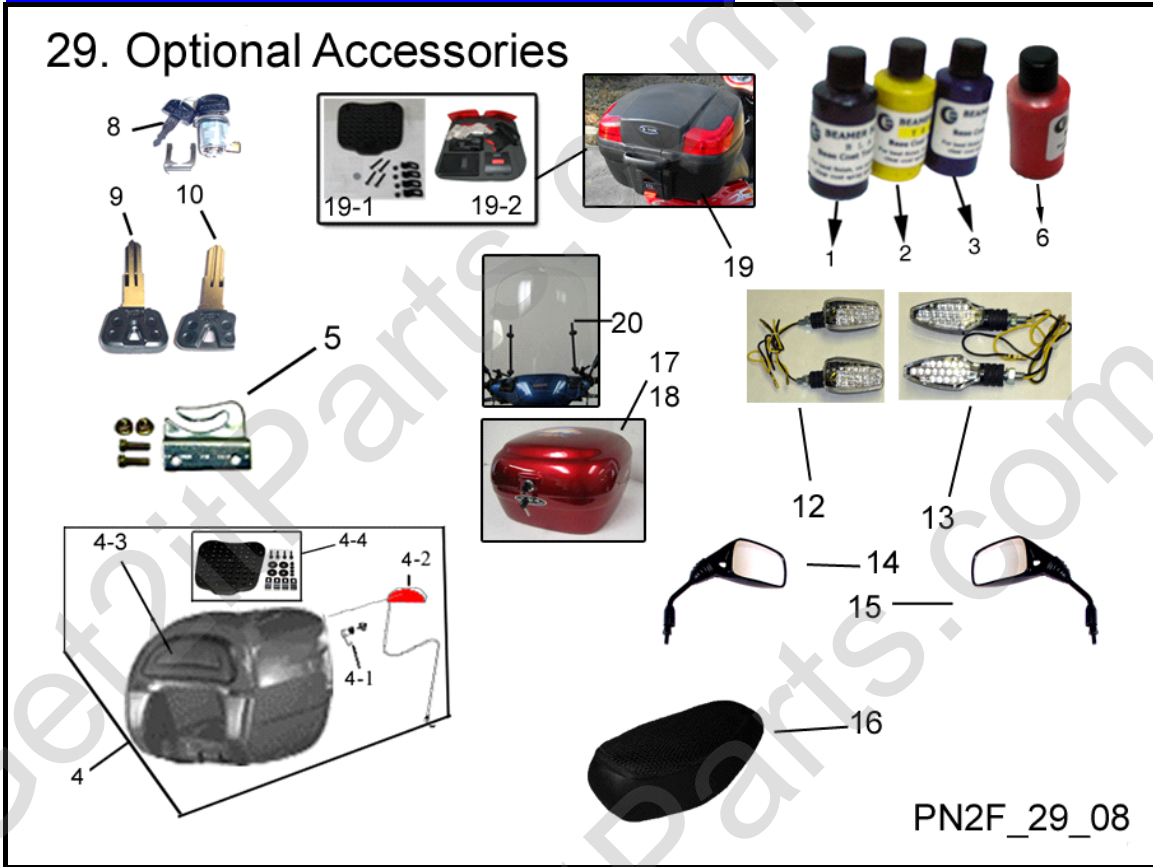
## 29. Optional Accessories



PN2F\_29\_08

| Fig Ref | Item No. | Description                   | Qty Req |
|---------|----------|-------------------------------|---------|
| 29-1    | 990019   | Beamer Black Touch Up Paint   | 1       |
| 29-2    | 990018   | Beamer Yellow Touch Up Paint  | 1       |
| 29-3    | 990020   | Beamer Blue Touch Up Paint    | 1       |
| 29-4    | 811340   | Black Standard Luggage Box    | 1       |
| 29-4    | 811339   | Red Standard Luggage Box      | 1       |
| 29-4    | 811341   | Yellow Standard Luggage Box   | 1       |
| 29-4    | 811338   | Blue Standard Luggage Box     | 1       |
| 29-4-1  | 811342   | Luggage Box Lock & Key Set    | 1       |
| 29-4-2  | 811343   | Luggage Box LED               | 1       |
| 29-4-3  | 811308   | Luggage Box Back Pad          | 1       |
| 29-4-4  | 812758   | Luggage Box Hardware Kit      | 1       |
| 29-5    | 812305   | Luggage Box Latch Assembly    | 1       |
| 29-6    | 990021   | Beamer Red Touch Up Paint     | 1       |
| 29-8    | 811342   | Luggage Box Lock & Key Set    | 1       |
| 29-9    | 750025   | Beamer Blank Key (Left Cut)   | 1       |
| 29-10   | 811274   | Beamer Blank Key (Right Cut)  | 1       |
| 29-12   | 812991   | Rear LED Turn Signal (L&R)    | 1       |
| 29-13   | 812992   | Rear LED Turn Signal (L&R)    | 1       |
| 29-14   | 812133   | Euro Sport Mirror (RH)        | 1       |
| 29-15   | 812134   | Euro Sport Mirror (LH)        | 1       |
| 29-16   | 813850   | Heat Insulation Seat Cover    | 1       |
| 29-17   | 814412   | Black Economy Luggage Box     | 1       |
| 29-18   | 814413   | Red Economy Luggage Box       | 1       |
| 29-19   | 814125   | Deluxe Detachable Luggage Box | 1       |
| 29-19-1 | 814415   | Detachable Box Hardware Kit   | 1       |
| 29-19-1 | 814416   | Box Lock, Reflector & Pad Set | 1       |

## 29. Optional Accessories



| Fig Ref | Item No. | Description               | Qty Req |
|---------|----------|---------------------------|---------|
| 29-20   | 814414   | Deluxe Scooter Windshield | 1       |