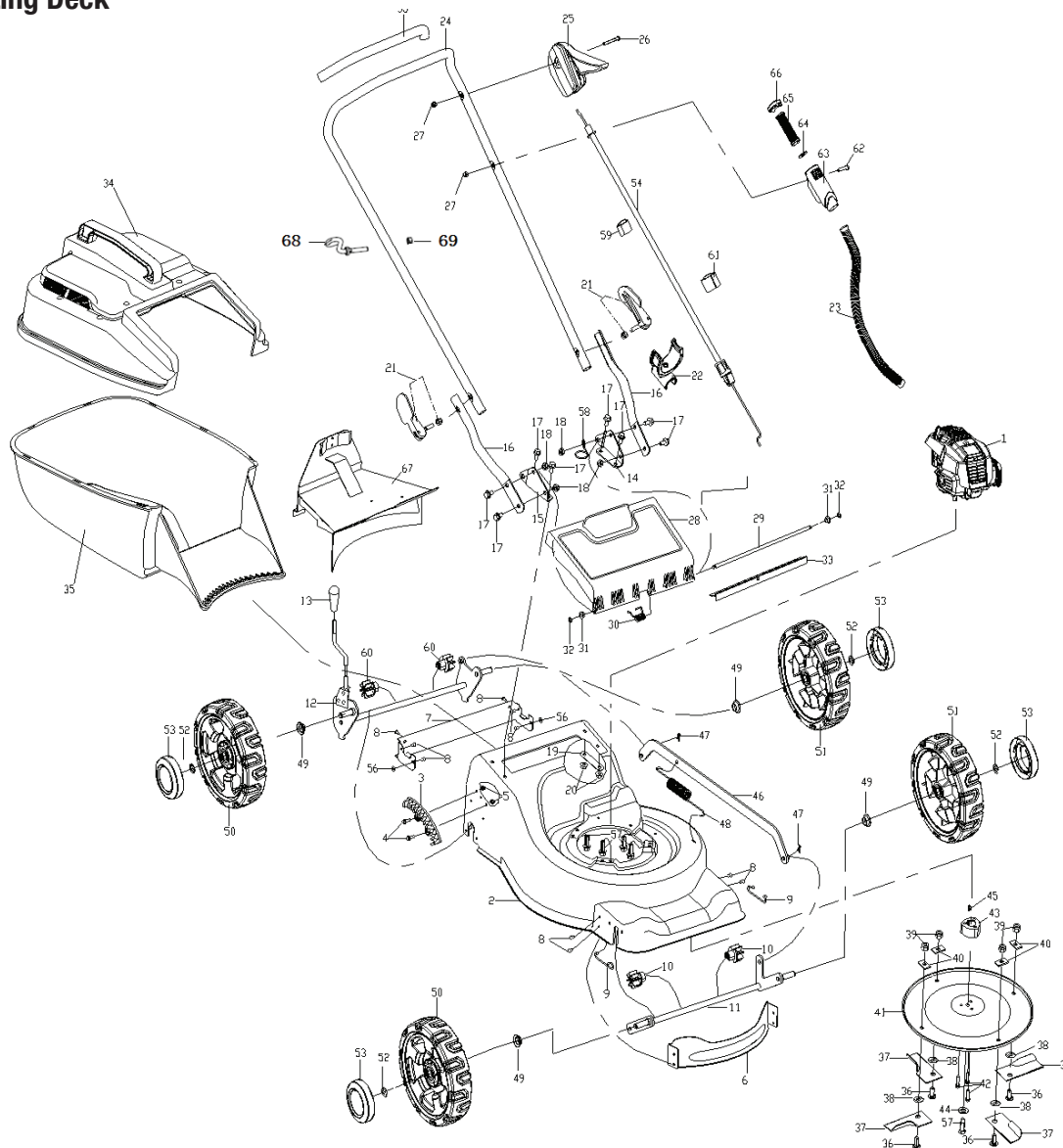


**M48 Lawn Mower 2011/07**  
**966588701**



**M48A Lawn Mower 2011/07**  
**966588801**

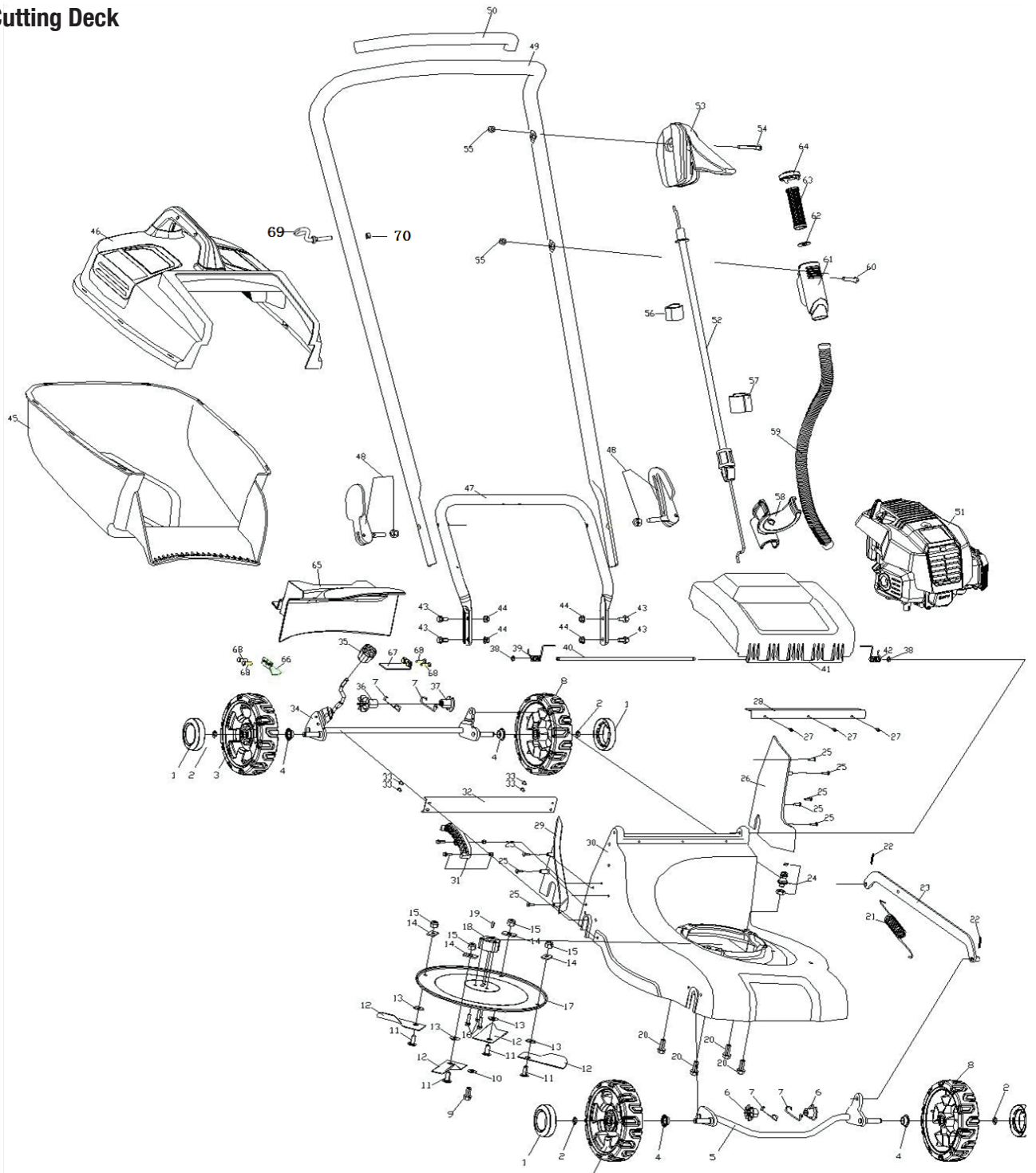
**M48 Cutting Deck**



| Ref. | Part No.  | Description               | Qty |
|------|-----------|---------------------------|-----|
| 1    | 578829201 | 5.5HP Engine              | 1   |
| 2    | 578845501 | Deck                      | 1   |
| 3    | 578829301 | Height Adjustment Bracket | 1   |
| 4    | 522380901 | Bolt M5x16                | 2   |
| 5    | 522384801 | Nut M5                    | 2   |
| 6    | 578829401 | Front Shield              | 1   |
| 7    | 578845601 | Rear back                 | 1   |
| 8    | 522388301 | Rivet 5x11                | 10  |
| 9    | 522246301 | Axle Securing Clip        | 2   |
| 10   | 578844801 | Front Rubber Bush         | 2   |
| 11   | 578829601 | Front Axle assembly       | 1   |
| 12   | 578829701 | Rear Axle assembly        | 1   |
| 13   | 578840901 | Knob                      | 1   |
| 14   | 578829801 | Handle Backet(L)          | 1   |
| 15   | 578829901 | Handle bracket(R)         | 1   |

| Ref. | Part No.  | Description                          | Qty |
|------|-----------|--------------------------------------|-----|
| 16   | 578830001 | Lower Handle                         | 2   |
| 17   | 522381901 | Bolt M8×16                           | 8   |
| 18   | 522385601 | Nut M8                               | 4   |
| 19   | 578830101 | Handle Bracket Plate                 | 2   |
| 20   | 522384501 | Bracket Plate Nuts M8                | 4   |
| 21   | 578841701 | Handle Lock Lever Assembly           | 2   |
| 22   | 578830301 | Air Tube Guide Assembly              | 1   |
| 23   | 578830401 | Air Tube                             | 1   |
| 24   | 578830501 | Upper Handle                         | 1   |
| 25   | 522397801 | Throttle Control Assembly            | 1   |
| 26   | 522383201 | Screw M6×45                          | 1   |
| 27   | 522385201 | Nut M6                               | 2   |
| 28   | 578830701 | Rear Flap Cover                      | 1   |
| 29   | 522244501 | Rear Flap Cover Rod                  | 1   |
| 30   | 522244901 | Spring                               | 1   |
| 31   | 578842501 | Spacer                               | 2   |
| 32   | 578830901 | Retaining Ring 6                     | 2   |
| 33   | 578831001 | Bracket                              | 1   |
| 34   | 578845701 | Grass catcher, Upper                 | 1   |
| 35   | 578845801 | Grass catcher, Lower                 | 1   |
| 36   | 578845401 | Blade Kit                            | 1   |
| 37   |           |                                      |     |
| 38   |           |                                      |     |
| 39   |           |                                      |     |
| 40   |           |                                      |     |
| 41   | 578831101 | Blade Disk                           | 1   |
| 42   | 578831201 | Bolt M6×25                           | 3   |
| 43   | 522270901 | Disc Mounting Flange                 | 1   |
| 44   | 522246801 | Washer                               | 2   |
| 45   | 522271101 | Woodruff Key                         | 1   |
| 46   | 578831301 | Height Adjustment Rod                | 1   |
| 47   | 522405501 | pin                                  | 2   |
| 48   | 522242001 | Spring                               | 1   |
| 49   | 522242201 | Dust Cover                           | 4   |
| 50   | 578831401 | Wheel Assembly-R                     | 2   |
| 51   | 578831501 | Wheel Assembly-L                     | 2   |
| 52   | 522387301 | E-ring 9                             | 4   |
| 53   | 578831701 | Wheel Cover                          | 4   |
| 54   | 525814701 | throttle chock control line Assembly | 1   |
| 55   | 578845901 | Tbing,Foam                           | 1   |
| 56   | 578831301 | Washer                               | 2   |
| 57   | 522246601 | Screw                                | 3   |
| 58   | 578831901 | Throttle Cable Ring                  | 1   |
| 59   | 578844301 | Throttle Cable Clamp                 | 1   |
| 60   | 578840601 | Cover, fixed                         | 1   |
| 61   | 578844401 | Throttle Cable Clamp                 | 1   |
| 62   | 522379101 | Bolt M6X35                           | 1   |
| 63   | 578832301 | Air Filter box                       | 1   |
| 64   | 578846001 | Hand Grip Foam                       | 1   |
| 65   | 522396201 | Air Filter Element                   | 1   |
| 66   | 578832401 | End Cover                            | 1   |
| 67   | 522408501 | Mulching Insert                      | 1   |
| 68   | 585177201 | Rope Guide Eyelet                    | 1   |
| 69   | 522385601 | Nut M8                               | 1   |

# M48A Cutting Deck



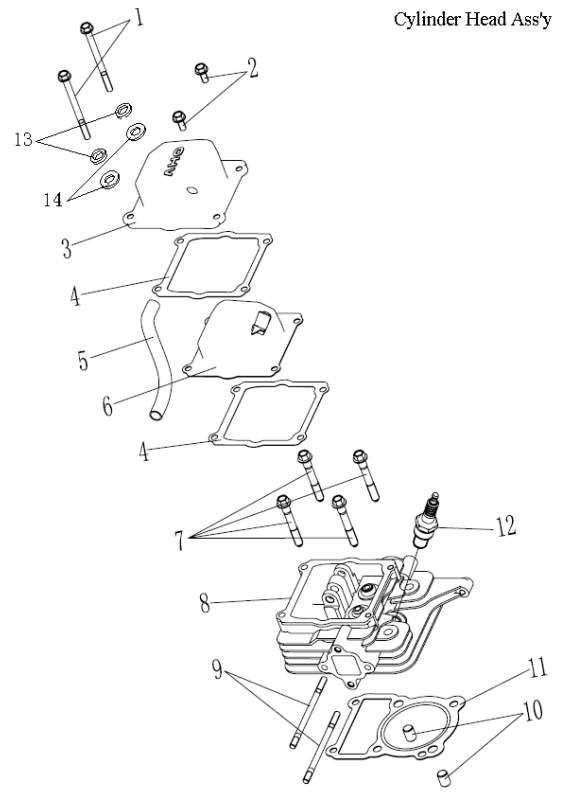
| Ref. | Part No.  | Description                  | Qty |
|------|-----------|------------------------------|-----|
| 1    | 578831701 | Wheel Cover (McCulloch Gold) | 4   |
| 2    | 522387301 | E-ring 9                     | 4   |
| 3    | 578832501 | Wheel Assembly-R             | 2   |
| 4    | 522242201 | Dust Cover                   | 4   |
| 5    | 578832601 | Front Axle Assembly          | 1   |
| 6    | 578832701 | Bush                         | 2   |
| 7    | 522246401 | Axle Securing Clip           | 4   |
| 8    | 578831501 | Wheel Assembly-L             | 2   |
| 9    | 522228301 | Bolt                         | 1   |
| 10   | 522246801 | Spacer                       | 1   |
| 11   | 578845401 | Blade Kit                    | 1   |
| 12   |           |                              |     |
| 13   |           |                              |     |
| 14   |           |                              |     |
| 15   |           |                              |     |

| Ref. | Part No.  | Description                          | Qty |
|------|-----------|--------------------------------------|-----|
| 16   | 578831201 | Bolt M6×25                           | 3   |
| 17   | 578831101 | Blade Disc                           | 1   |
| 18   | 522270901 | Disc Mounting Flange                 | 1   |
| 19   | 522271101 | Woodruff Key                         | 1   |
| 20   | 522246601 | Screw                                | 4   |
| 21   | 522242001 | Sping                                | 1   |
| 22   | 522405501 | R-Pin                                | 2   |
| 23   | 578833101 | Height adjustment Bracket Assembly   | 1   |
| 24   | 578833201 | Bracket                              | 1   |
| 25   | 578833301 | Bolt ST4.8×16                        | 8   |
| 26   | 578833401 | Baffle-L                             | 1   |
| 27   | 578837901 | Bolt M4×8                            | 3   |
| 28   | 578838001 | Bracket                              | 1   |
| 29   | 578838101 | Baffle-R                             | 1   |
| 30   | 578846201 | Alloy Deck                           | 1   |
| 31   | 578838201 | Height Adjustment Bracket Assembly   | 1   |
| 32   | 578846301 | Back                                 | 1   |
| 33   | 522388301 | Rivet 5×11                           | 4   |
| 34   | 578838301 | Rear Axle Assembly                   | 1   |
| 35   | 578838401 | Knob                                 | 1   |
| 36   | 578846401 | Push-R                               | 1   |
| 37   | 578846501 | Push-L                               | 1   |
| 38   | 578830901 | E-ring 6                             | 2   |
| 39   | 578838601 | torsional spring 1                   | 1   |
| 40   | 578838701 | Flap Door Rod                        | 1   |
| 41   | 578838801 | Flap Door                            | 1   |
| 42   | 578838901 | torsional spring 2                   | 1   |
| 43   | 578841401 | Bolt M8X16                           | 4   |
| 44   | 522384501 | Nut M8                               | 4   |
| 45   | 578846601 | Grass Catcher, Lower                 | 1   |
| 46   | 578846701 | Grass Catcher, Upper McCulloch Gold  | 1   |
| 47   | 578839101 | Handle, Lower                        | 1   |
| 48   | 578841701 | Handle Lock Lever Assembly           | 2   |
| 49   | 578839301 | Upper Handle                         | 1   |
| 50   | 578845901 | Tbing,Foam                           | 1   |
| 51   | 578829201 | 5.5HP Engine                         | 1   |
| 52   | 525814701 | throttle chock control line Assembly | 1   |
| 53   | 522397801 | Throttle Control Assembly            | 1   |
| 54   | 522383201 | Screw M6×45                          | 1   |
| 55   | 522385201 | Nut M6                               | 2   |
| 56   | 578844301 | Throttle Cable Clamp                 | 1   |
| 57   | 578844401 | Throttle Cable Clamp                 | 1   |
| 58   | 578830301 | Ripple Pipe Guidance Assembly        | 1   |
| 59   | 578830401 | Air Tube                             | 1   |
| 60   | 522379101 | Bolt M6X35                           | 1   |
| 61   | 578832301 | Air Filter box                       | 1   |
| 62   | 578846001 | Sponge Wrap                          | 1   |
| 63   | 522396201 | Filter Element                       | 1   |
| 64   | 578832401 | End Cover                            | 1   |
| 65   | 578839901 | Mulching Plug                        | 1   |
| 66   | 578840001 | bracket-L Assembly                   | 1   |
| 67   | 578840101 | bracket-R Assembly                   | 1   |
| 68   | 578840201 | Bolt M6X20                           | 4   |
| 69   | 585177201 | Rope Guide Eyelet                    | 1   |
| 70   | 522385601 | Nut M8                               | 1   |

# M48 & M48A Engine Components

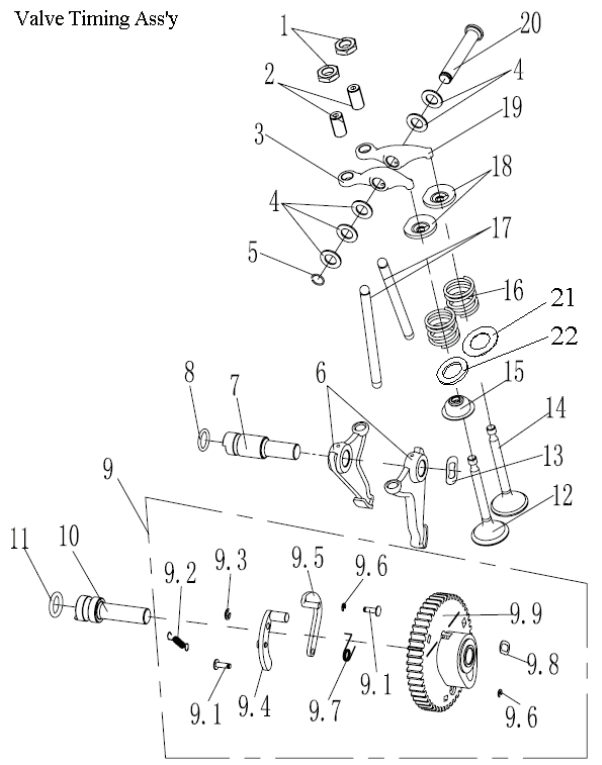
## 1. Cylinder Head Assembly

| Ref. | Part No.  | Description                | Qty |
|------|-----------|----------------------------|-----|
| 1    | 522225501 | Bolt, M6x80                | 2   |
| 2    | 578823301 | Bolt, M6x20                | 2   |
| 3    | 522225801 | Cylinder Head Casing       | 1   |
| 4    | 522225301 | Gasket                     | 2   |
| 5    | 522225901 | Breather Tube              | 1   |
| 6    | 522225701 | Cylinder Head Cover Spacer | 1   |
| 7    | 578823401 | Bolt, M8x55                | 4   |
| 8    | 522225601 | Cover, Cylinder            | 1   |
| 9    | 522225201 | Double Screw Stud          | 2   |
| 10   | 578823501 | Aligning Pin               | 2   |
| 11   | 578823601 | Cylinder Head Gasket       | 1   |
| 12   | 522262201 | Spark Plug                 | 1   |
| 13   | 578823701 | Spring Washer $\Phi 6$     | 2   |
| 14   | 578823801 | Plane Washer $\Phi 6$      | 2   |



## 2. Valve Timing Assembly

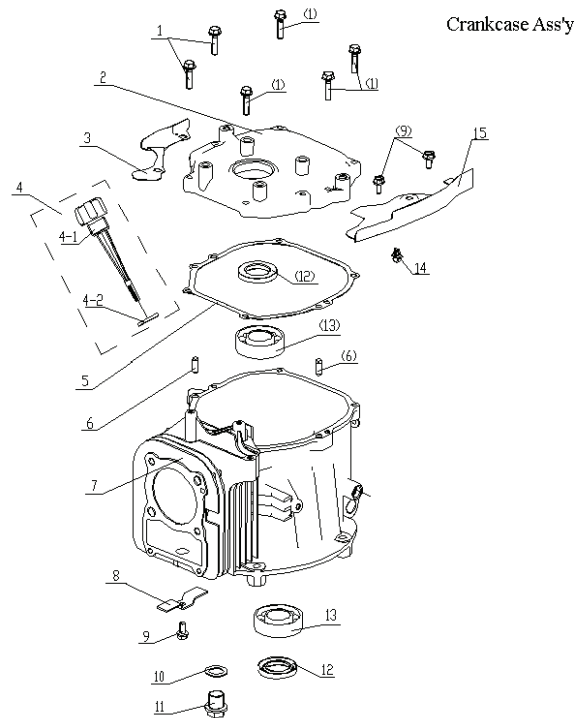
| Ref. | Part No.  | Description                | Qty |
|------|-----------|----------------------------|-----|
| 1    | 522230101 | Valve Lash Adjusting Nut   | 2   |
| 2    | 522230001 | Valve Lash Adjusting Screw | 2   |
| 3    | 522229501 | Inlet Valve Rocker         | 1   |
| 4    | 522230601 | Washer                     | 5   |
| 5    | 578823901 | Retaining Ring 8           | 1   |
| 6    | 522230301 | Idle Rod                   | 2   |
| 7    | 522230401 | Idle Rod Shaft             | 1   |
| 8    | 522232201 | O Ring, 10.6 x 1.8 Diam.   | 1   |
| 9    | 522231101 | Cam Assy                   | 1   |
| 9.1  | 578824001 | Shaft                      | 2   |
| 9.2  | 578824101 | Tension Spring             | 1   |
| 9.3  | 578824201 | Retaining Ring 3           | 1   |
| 9.4  | 578824301 | Pawl (I)                   | 1   |
| 9.5  | 578824401 | Pawl (II)                  | 1   |
| 9.6  | 578824501 | Retaining Ring 2           | 2   |
| 9.7  | 578824601 | Torsion Spring             | 1   |
| 9.8  | 578824701 | Ring Gasket                | 1   |
| 9.9  | 578824801 | Cam Gear                   | 1   |
| 10   | 522230501 | Camshaft Set               | 1   |
| 11   | 522230701 | O Ring, 11.2x2.5 Diam.     | 1   |
| 12   | 522228701 | Inlet Valve                | 1   |
| 13   | 522230901 | Wave Washer                | 1   |
| 14   | 522228801 | Exhaust Valve              | 1   |
| 15   | 522231001 | Inlet Valve Oil Seal       | 1   |
| 16   | 522228901 | Valve Spring               | 2   |
| 17   | 522231501 | Valve Tappet               | 2   |
| 18   | 522229201 | Valve Spring Seat          | 2   |
| 19   | 522229701 | Exhaust Valve Rocker       | 1   |
| 20   | 522230201 | Rocker Shaft               | 1   |
| 21   | 578824901 | Washer                     | 1   |
| 22   | 578825001 | Washer                     | 1   |



# M48 & M48A Engine Components

## 3. Crankcase Assembly

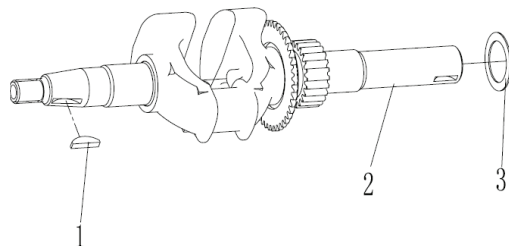
| Ref. | Part No.  | Description            | Qty |
|------|-----------|------------------------|-----|
| 1    | 578825101 | Bolt, M6×30            | 6   |
| 2    | 522226201 | Crankcase Cover        | 1   |
| 3    | 578825201 | Wind Shield, Left      | 1   |
| 4    | 522226501 | Oil Dip Rod Assy       | 1   |
| 4.1  | 578825301 | Oil Dip Rod            | 1   |
| 4.2  | 578825401 | Oil Sealing Plate      | 1   |
| 5    | 522226101 | Paper Gasket           | 1   |
| 6    | 522226601 | Aligning Pin           | 2   |
| 7    | 579012901 | Crankcase Assy         | 1   |
| 8    | 522226301 | Shield                 | 1   |
| 9    | 578825501 | Bolt, M6x12            | 3   |
| 10   | 522242401 | Washer, 16×24×1.4      | 1   |
| 11   | 522252701 | Bleeding Screw, M16×15 | 1   |
| 12   | 522251601 | Oil Seal               | 2   |
| 13   | 522825601 | Bearing, 6025/P53      | 2   |
| 14   | 522255601 | CLIP                   | 1   |
| 15   | 578825701 | Wind Shield, Right     | 1   |



## 4. Crankshaft Assembly

| Ref. | Part No.  | Description      | Qty |
|------|-----------|------------------|-----|
| 1    | 522230801 | Semicircular Key | 1   |
| 2    | 578825801 | Crankshaft Assy  | 1   |
| 3    | 522226901 | Washer 25*35*0.8 | 1   |

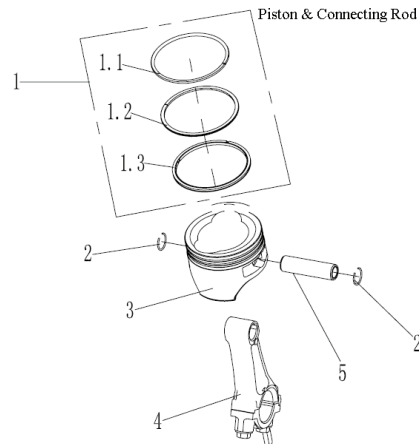
Crankshaft Ass'y



## 5. Piston & Connecting Rod Assembly

| Ref. | Part No.  | Description         | Qty |
|------|-----------|---------------------|-----|
| 1    | 522226801 | Piston Ring Assy    | 1   |
| 1.1  | 578825901 | Ring, First         | 1   |
| 1.2  | 578826001 | Ring, Second        | 1   |
| 1.3  | 578826101 | Oil Ring Assy       | 1   |
| 2    | 522227101 | Clip, Piston Pin    | 2   |
| 3    | 522227001 | Piston              | 1   |
| 4    | 522227301 | Connecting Rod Assy | 1   |
| 5    | 522227201 | Piston Pin          | 1   |

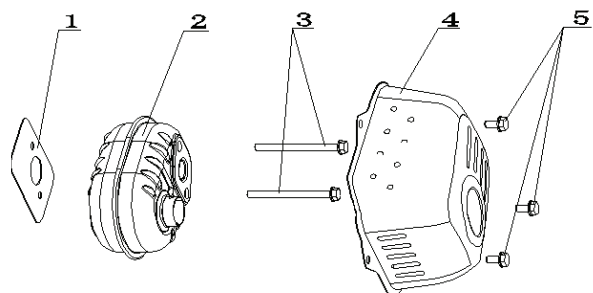
Piston & Connecting Rod Ass'



## 6. Muffler Assembly

| Ref. | Part No.  | Description    | Qty |
|------|-----------|----------------|-----|
| 1    | 522277701 | Muffler Gasket | 1   |
| 2    | 522277501 | Muffler Assy   | 1   |
| 3    | 522225501 | Bolt M6*80     | 2   |
| 4    | 522277601 | Muffler Guard  | 1   |
| 5    | 578825501 | Bolt, M6x12    | 3   |

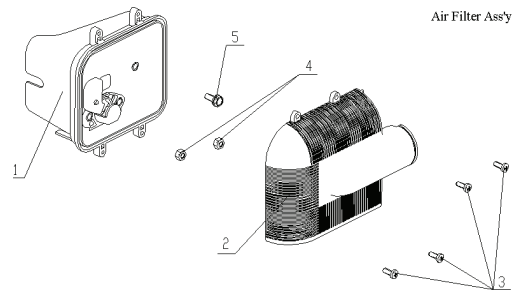
Muffler Ass'y



# M48 & M48A Engine Components

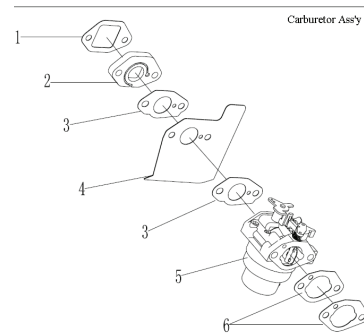
## 7. Air Filter Assembly

| Ref. | Part No.  | Description             | Qty |
|------|-----------|-------------------------|-----|
| 1    | 578826301 | Air Filter Housing Assy | 1   |
| 2    | 578826401 | Air Filter Cover        | 1   |
| 3    | 578826501 | Screw M4*13             | 4   |
| 4    | 522277901 | Nut, M6                 | 2   |
| 5    | 578826601 | Bolt, M6x16             | 1   |



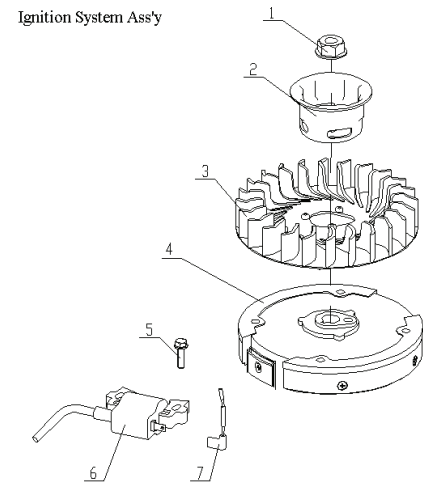
## 8. Carburetor Assembly

| Ref. | Part No.  | Description        | Qty |
|------|-----------|--------------------|-----|
| 1    | 522268401 | Paper Gasket (I)   | 1   |
| 2    | 522268501 | Carburetor Joint   | 1   |
| 3    | 522268601 | Paper Gasket (II)  | 2   |
| 4    | 522268701 | Shield             | 1   |
| 5    | 522268901 | Carburetor         | 1   |
| 6    | 522268801 | Paper Gasket (III) | 2   |



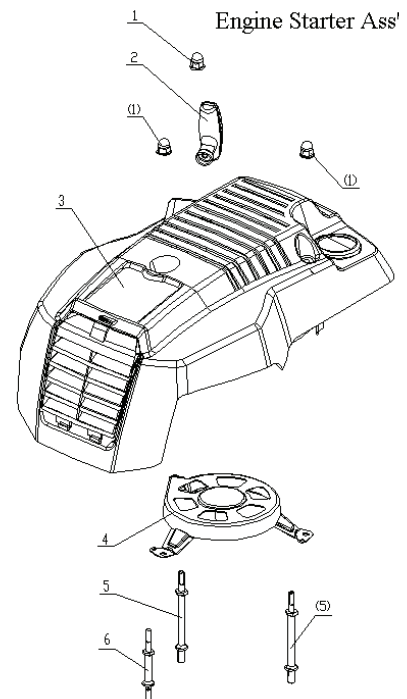
## 9. Ignition Assembly

| Ref. | Part No.  | Description                   | Qty |
|------|-----------|-------------------------------|-----|
| 1    | 578826701 | Fly Wheel Fixing Nut, M14x1.5 | 1   |
| 2    | 522237701 | Start-up Ratchet Gear         | 1   |
| 3    | 578826801 | Fan                           | 1   |
| 4    | 578826901 | Fly Wheel Assy                | 1   |
| 5    | 522234601 | Screw                         | 1   |
| 6    | 578827001 | Ignition Coil Assy            | 1   |
| 7    | 578827101 | Burningout Wire Assy          | 1   |



## 10. Starter Assembly

| Ref. | Part No.  | Description         | Qty |
|------|-----------|---------------------|-----|
| 1    | 522277201 | Nut                 | 3   |
| 2    | 578827201 | Starter Handle Assy | 1   |
| 3    | 578827301 | Starter Shield Assy | 1   |
| 4    | 578827401 | Starter Assy        | 1   |
| 5    | 578827501 | Double End Stud     | 2   |
| 6    | 578827601 | Double End Stud     | 1   |

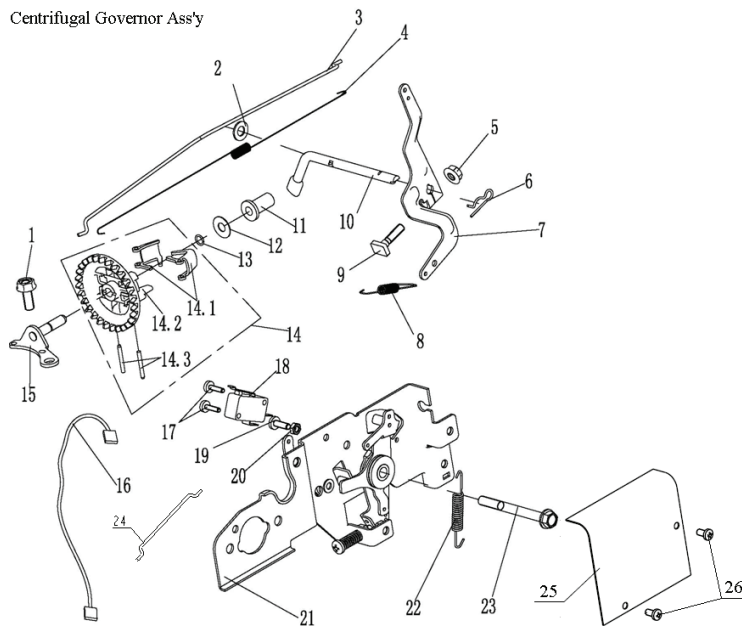


# M48 & M48A Engine Components

## 11. Governor Assembly

| Ref. | Part No.  | Description                   | Qty |
|------|-----------|-------------------------------|-----|
| 1    | 578825501 | Bolt, M6x12                   | 1   |
| 2    | 522251001 | Gasket                        | 1   |
| 3    | 522248501 | Steel Wire Nuted Rod (I)      | 1   |
| 4    | 522248701 | Tension Spring (II)           | 1   |
| 5    | 578827801 | Nut, M6                       | 1   |
| 6    | 522240801 | clip, tube                    | 1   |
| 7    | 522250801 | Nutted Rod                    | 1   |
| 8    | 522248301 | Tension Spring (I)            | 1   |
| 9    | 522240501 | Coach Bolt                    | 1   |
| 10   | 522251101 | Shifting Fork                 | 1   |
| 11   | 578827901 | Bunt                          | 1   |
| 12   | 522239901 | Washer 3                      | 1   |
| 13   | 578828001 | Retaining Ring                | 1   |
| 14   | 578845101 | Centrifugal Governor Ass'y    | 1   |
| 14.1 | 578845201 | Abaxial                       | 2   |
| 14.2 | 578828101 | Governor Body                 | 1   |
| 14.3 | 578828201 | Pin                           | 2   |
| 15   | 578828301 | Mount Ass'y                   | 1   |
| 16   | 578828401 | Grounding Flameout wire Ass'y | 1   |
| 17   | 578828501 | Bolt M3x12                    | 2   |
| 18   | 522249601 | Switch Ass'y                  | 1   |
| 19   | 578828601 | Bolt M4x8                     | 1   |
| 20   | 522384201 | Nut M4                        | 1   |
| 21   | 522249401 | Fixing Controller Ass'y       | 1   |
| 22   | 522248901 | Controller Tension Spring     | 1   |
| 23   | 522380501 | Bolt M6x60                    | 1   |
| 24   | 522250601 | Steel Wire Nuted Rod (I)      | 1   |
| 25   | 522249101 | Shield                        | 1   |
| 26   | 578828701 | Bolt M5x8                     | 2   |

Centrifugal Governor Ass'y



## 12. Fuel Tank Assembly

| Ref. | Part No.  | Description             | Qty |
|------|-----------|-------------------------|-----|
| 1    | 522256501 | Fuel Tank Cap           | 1   |
| 2    | 522272401 | Position Fix Ring       | 1   |
| 3    | 578828801 | Gasket, Bakelite        | 1   |
| 4    | 578828901 | Bolt, M6x25             | 2   |
| 5    | 578829001 | Fuel Tank Assy          | 1   |
| 6    | 578829101 | Gasket, Heat insulating | 1   |
| 7    | 522256601 | Oil Can Switch Assy     | 1   |
| 8    | 522256101 | Anchor Ear              | 2   |
| 9    | 522255801 | Fuel Pipe               | 1   |

Fuel Tank Ass'y

