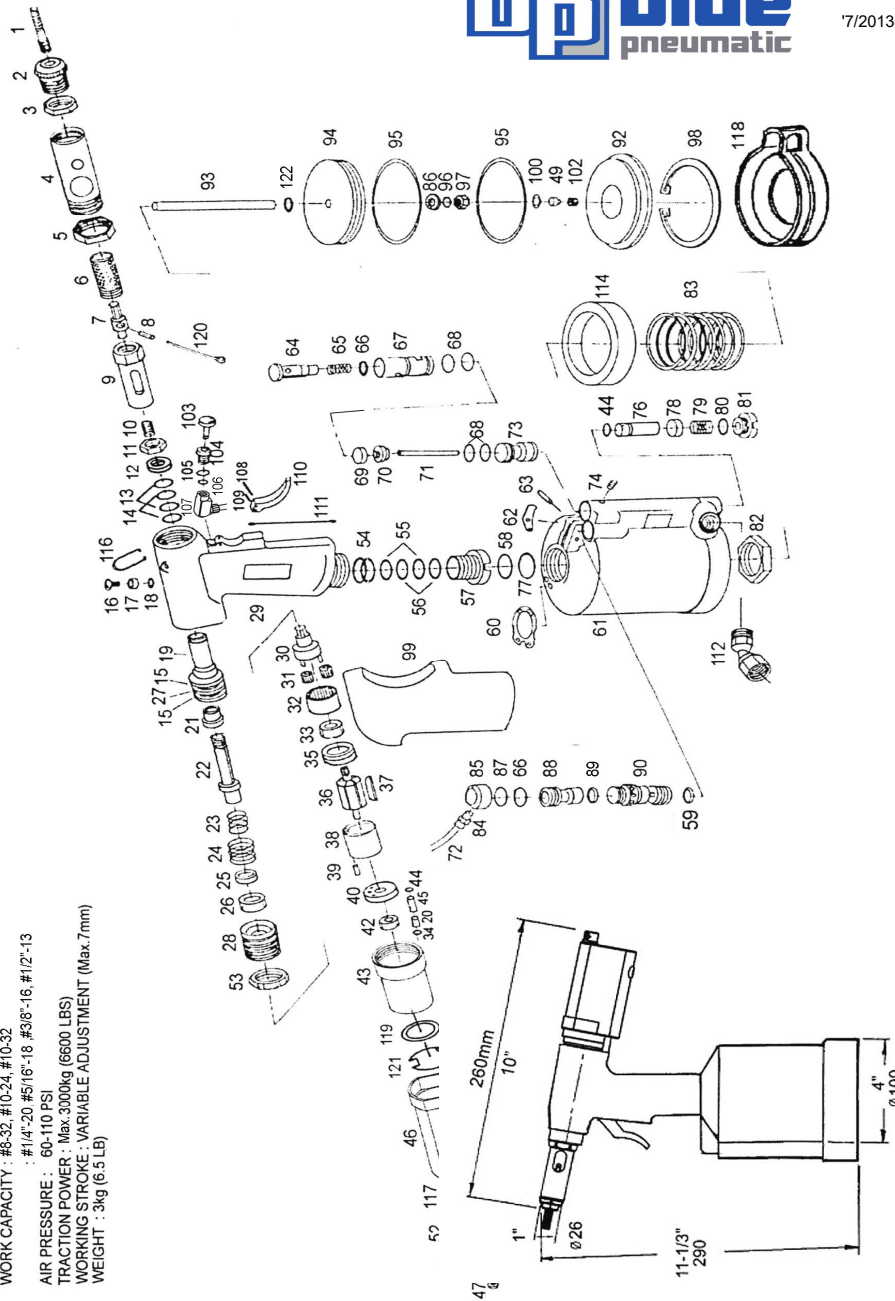


# BP-60/S Air Hydraulic Rivet Nut Tool (INCH size BOLT)



7/2013(B7)



WORK CAPACITY : #6-32, #10-24, #10-32  
 : #1/4"-20 #5/16"-18 #3/8"-16 #1/2"-13  
 AIR PRESSURE : 60-110 PSI  
 TRACTION POWER : Max.300kg (6600 LBS)  
 WORKING STROKE : VARIABLE ADJUSTMENT (Max.7mm)  
 WEIGHT : 3kg (6.5 LB)

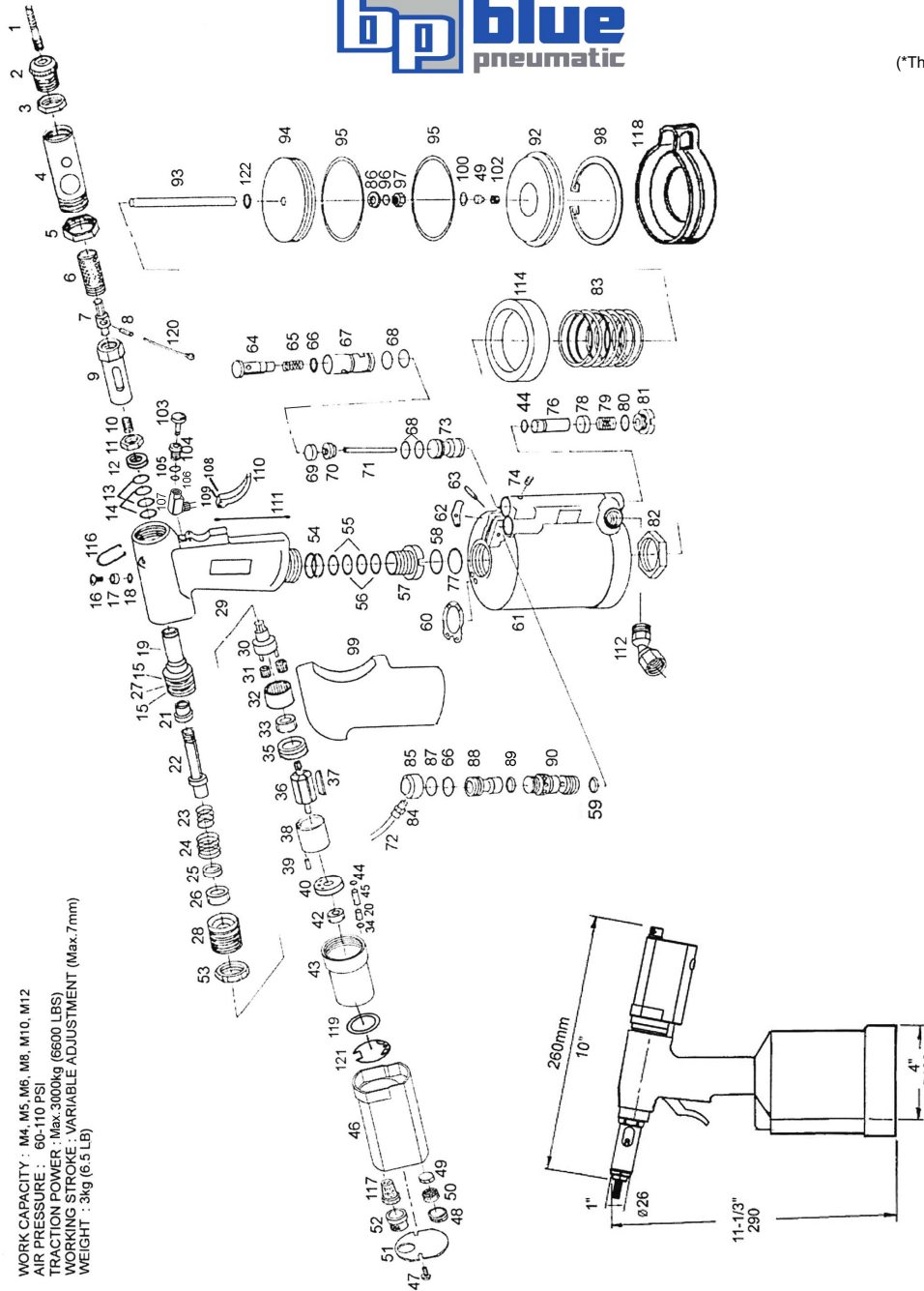
# BP-60/S Air Hydraulic Rivet Nut Tool (INCH size BOLT)

(\*Three-3)B1501-HF22 7/2013(B7)

| INDEX NO. | PART NO. | DESCRIPTION                                  |
|-----------|----------|--|
| 1         | B38-16N  | Bolt 3/8"-16                                 |
| 2         | 60-3816  | Nut Anvil #3/8                               |
| 3         | 600021   | Nut  |
| 4         | 600060   | Head   |
| 5         | 600016   | Nut  |
| 6         | 600013A  | Adjustable Bushing                           |
| 7         | 600007   | Hexagon Bit                                  |
| 8         | 600041   | Spring Pin                                   |
| 9         | 6000082  | Bolt Bushing                                 |
| 10        | 600076   | Spring                                       |
| 11        | 600009   | Nut  |
| 12        | 6000M14  | Nut Ring                                     |
| 13*       | 11502    | Ring Washer (2)                              |
| 14*       | 11554    | X-Ring Seal (2)                              |
| 15*       | 11501    | O-Ring (2)                                   |
| 16        | 02171    | Oil Plug                                     |
| 17        | 400017A  | Fill Washer                                  |
| 18*       | 02197    | O-Ring Seal                                  |
| 19        | 600012A0 | Hydraulic Plunger Inc. #21/ #600020B Bushing |
| 20        | 6000631  | Valve Rod (2)                                |
| 22        | 600011B  | Shaft  |
| 23*       | 600015   | Spring                                       |
| 24*       | 600045   | Spring                                       |
| 25        | 600054   | Washer Nut                                   |
| 26        | B6000    | Ball Bearing                                 |
| 27        | 11549    | Washer                                       |
| 28        | 600051   | Screw Bushing                                |
| 29        | 600002   | Hydraulic Section                            |
| 30        | 0000528  | Gear Spindle (ø1)                            |
| 31*       | 600031   | Gear (3)                                     |
| 32        | 600043   | Ring Gear                                    |
| 33        | B608     | Ball Bearing                                 |
| 34        | R06X15   | O-Ring (2)                                   |
| 35        | 600055   | Front Plate                                  |
| 36        | 600287   | Rotor (8T)                                   |
| 37*       | 25007B   | Blade (6)                                    |
| 38        | 85209    | Cylinder                                     |
| 39        | 25006    | Pin  |
| 40        | 600230   | End Plate (#85230)                           |
| 42        | 25004    | Ball Bearing                                 |
| 43        | 600061   | Motor Housing                                |
| 44        | 11560    | O-Ring Seal (3)                              |
| 45        | 600048   | Tube (2)                                     |
| 46        | 600063   | Motor Housing Cover                          |
| 47        | 600047   | Screw (2)                                    |
| 48        | 600071   | Screw Bushing (2)                            |
| 49        | 19312    | Rubber plate (3)                             |
| 50        | 600050   | Valve Muffler (2)                            |
| 51        | 600064   | Valve Plate                                  |
| 52        | 600065   | Exhaust Cap                                  |
| 53        | 600058   | Nut  |
| 54*       | 02116    | O-Ring Seal (2)                              |
| 55*       | 10554    | O-Ring Seal (2)                              |
| 56*       | 10556    | Washer (2)                                   |
| 57        | 600018   | Screw Plug                                   |
| 58*       | 25022    | O-Ring                                       |
| 59*       | R10X1    | O-Ring                                       |
| 60        | 600032   | Gasket                                       |
| 61        | 600001   | Air Cylinder                                 |
| 62        | 500034   | Trigger Lever                                |
| 63        | 02167    | Pin  |
| 64        | 600023   | Valve Rod                                    |
| 65        | 10441    | Spring                                       |
| 66*       | 10548    | O-Ring (2)                                   |
| 67        | 600022   | Valve Bushing                                |
| 68*       | 10445    | O-Ring (4)                                   |
| 69*       | 10442    | Valve Plate                                  |
| 70        | 600027   | Valve Plate Washer                           |
| 71        | 000040   | Pin  |

| INDEX NO.            | PART NO.                             | DESCRIPTION       |
|----------------------|--------------------------------------|-------------------|
| 72                   | 600072                               | Tube              |
| 73                   | 600026B                              | Low Valve Bushing |
| 74                   | 600074                               | Screw M4          |
| 76                   | 600029                               | Low Valve Rod     |
| 77*                  | 02170                                | O-Ring            |
| 78*                  | 11542                                | Valve Plate       |
| 79*                  | 10544                                | Spring            |
| 80*                  | 25203                                | O-Ring            |
| 81                   | 10550                                | Plug Screw        |
| 82                   | 02121                                | Lock Nut          |
| 83                   | 600046                               | Spring            |
| 84                   | 51058                                | Tube Connector    |
| 85                   | 600085                               | Valve Cap         |
| 86                   | 48047                                | Washer (2)        |
| 87*                  | R123X24                              | O-Ring            |
| 88                   | 600084                               | Valve Stem        |
| 89*                  | R9X15                                | O-Ring            |
| 90                   | 600083                               | Valve Bush        |
| 92                   | 500035                               | Air Cylinder Cap  |
| 93                   | 600019                               | Plunger Rod       |
| 94                   | 500023A                              | Piston Disc       |
| 95*                  | 11531                                | O-Ring Seal (2)   |
| 96                   | 48045                                | Washer            |
| 97                   | 48048                                | Nut               |
| 98                   | 11514                                | Clip              |
| 99                   | 600099                               | Hand Grip         |
| 100                  | 19314                                | Retaining Ring    |
| 102                  | 19313                                | Spring            |
| 103                  | 600067                               | Button            |
| 104                  | 000006                               | Screw bush        |
| 105*                 | 10748                                | O-Ring Seal       |
| 106*                 | R2X1                                 | O-Ring            |
| 107                  | 600070A9                             | New Adaptor       |
|                      | incl. #600070A, #600070A2, #600070A3 |                   |
| 108                  | 02169                                | Pin               |
| 109                  | 02168H                               | Pin               |
| 110                  | 02138                                | Trigger           |
| 111                  | 500033                               | Trigger Rod       |
| 112                  | T1020S                               | Universal Joint   |
| 114                  | 11530                                | Damping Ring (2)  |
| 117                  | 600096                               | Muffler Bush      |
| 118                  | 500071                               | Rubber Cushion    |
| 119*                 | R35X25                               | O-Ring Seal       |
| 121                  | 600062                               | Gasket            |
| 122*                 | R5X1.5                               | O-Ring Seal       |
| *** Accessories ***  |                                      |                   |
| 1                    | B12-13N                              | Bolt 1/2"-13      |
| 1                    | B516-18N                             | Bolt 5/16"-18     |
| 1                    | B14-20N                              | Bolt 1/4"-20      |
| 1                    | B10N24N                              | Bolt 10-24        |
| 1                    | B10N32N                              | Bolt 10-32        |
| 1                    | B8N32                                | Bolt 8-32         |
| 2                    | 60-1213                              | Nut Anvil 1/2"    |
| 2                    | 60-516                               | Nut Anvil 5/16"   |
| 2                    | 60-1420                              | Nut Anvil 1/4"    |
| 2                    | 60N10                                | Nut Anvil #10 (2) |
| 2                    | 60N8                                 | Nut Anvil #8      |
| 3                    | 600021                               | Nut (6)           |
| 116                  | 54059                                | Hanging Ring      |
| 120                  | 600069                               | Pin               |
|                      | W24                                  | Wrench 24/27mm    |
|                      | 54005                                | Hex. Wrench       |
|                      | 11790                                | Oil Syringe       |
| Optional Accessories |                                      |                   |
| 1                    | B12-13                               | Bolt 1/2"-13      |
| 1                    | B516-18                              | Bolt 5/16"-18     |
| 1                    | B14-20                               | Bolt 1/4"-20      |
| 1                    | B10N24                               | Bolt 10-24        |
| 1                    | B10N32                               | Bolt 10-32        |

**BP-60/M Air Hydraulic Rivet Nut Tool (METRIC size BOLT)**



WORK CAPACITY : M4, M5, M6, M8, M10, M12  
 AIR PRESSURE : 60-110 PSI  
 TRACTION POWER : Max.3000kg (6600 LBS)  
 WORKING STROKE : VARIABLE ADJUSTMENT (Max. 7mm)  
 WEIGHT : 3kg (6.5 LB)

**BP-60/M Air Hydraulic Rivet Nut Tool (METRIC size BO**

1/2013(B7)  
 (\*Three-3)

| INDEX NO. | PART NO. | DESCRIPTION             |
|-----------|----------|-------------------------|
| 1         | BM10N    | Bolt M10                |
| 2         | 60M10    | Nut Anvil M10           |
| 3         | 600021   | Nut                     |
| 4         | 600060   | Head                    |
| 5         | 600016   | Nut                     |
| 6         | 600013A  | Adjustable Bushing      |
| 7         | 600007   | Hexagon Bit             |
| 8         | 600041   | Spring Pin              |
| 9         | 6000082  | Bolt Bushing            |
| 10        | 600076   | Spring                  |
| 11        | 600009   | Nut                     |
| 12        | 6000M14  | Nut Ring                |
| 13*       | 11502    | Ring Washer (2)         |
| 14*       | 11554    | X-Ring Seal (2)         |
| 15*       | 11501    | O-Ring (2)              |
| 16        | 02171    | Oil Plug                |
| 17        | 400017A  | Fill Washer             |
| 18*       | 02197    | O-Ring Seal             |
| 19        | 600012A0 | Hydraulic Plunger Ass'y |
| 20        | 6000631  | Valve Rod (2)           |
| 22        | 600011B  | Shaft                   |
| 23*       | 600015   | Spring                  |
| 24*       | 600045   | Spring                  |
| 25        | 600054   | Washer Nut              |
| 26        | B6000    | Ball Bearing            |
| 27        | 11549    | Washer                  |
| 28        | 600051   | Screw Bushing           |
| 29        | 600002   | Hydraulic Section       |
| 30        | 6000528  | Gear Spindle (81)       |
| 31*       | 600031   | Gear (3)                |
| 32        | 600043   | Ring Gear               |
| 33        | B608     | Ball Bearing            |
| 34        | R06X15   | O-Ring (2)              |
| 35        | 600055   | Front Plate             |
| 36        | 600287   | Rotor (8T)              |
| 37*       | 25007B   | Blade(6)                |
| 38        | 85209    | Cylinder                |
| 39        | 25006    | Pin                     |
| 40        | 600230   | End Plate (#85230)      |
| 42        | 25004    | Ball Bearing            |
| 43        | 600061   | Motor Housing           |
| 44        | 11560    | O-Ring Seal (3)         |
| 45        | 600048   | Tube (2)                |
| 46        | 600063   | Motor Housing Cover     |
| 47        | 600047   | Screw (2)               |
| 48        | 600071   | Screw Bushing (2)       |
| 49        | 19312    | Rubber plate (3)        |
| 50        | 600050   | Valve Muffler (2)       |
| 51        | 600064   | Valve Plate             |
| 52        | 600065   | Exhaust Cap             |
| 53        | 600058   | Nut                     |
| 54*       | 02116    | O-Ring Seal (2)         |
| 55*       | 10554    | O-Ring Seal (2)         |
| 56*       | 10556    | O-Ring Washer (2)       |
| 57        | 600018   | Screw Plug              |
| 58*       | 25022    | O-Ring Seal             |
| 59*       | R10X1    | O-Ring                  |
| 60        | 600032   | Gasket                  |
| 61        | 600001   | Air Cylinder            |
| 62        | 500034   | Trigger Lever           |
| 63        | 02167    | Pin                     |
| 64        | 600023   | Valve Stem              |
| 65        | 10441    | Valve Spring            |
| 66*       | 10548    | O-Ring Seal (2)         |
| 67        | 600022   | Valve Bushing           |
| 68*       | 10445    | O-Ring Seal (4)         |
| 69*       | 10442    | Valve Plate             |
| 70        | 600027   | Valve Plate Washer      |
| 71        | 600040   | Pin                     |

(\*Three-3) B1501-HF-22 1/2013(B7)

| INDEX NO.            | PART NO.                             | DESCRIPTION           |
|----------------------|--------------------------------------|-----------------------|
| 72                   | 600072                               | Tube                  |
| 73                   | 600026B                              | Low Valve Bushing     |
| 74                   | 600074                               | Screw M4              |
| 76                   | 600029                               | Low Valve Rod         |
| 77*                  | 02170                                | O-Ring Seal           |
| 78*                  | 11542                                | Valve Plate           |
| 79*                  | 10544                                | Valve Pressure Spring |
| 80*                  | 25203                                | O-Ring                |
| 81                   | 10550                                | Screw Plug            |
| 82                   | 02121                                | Lock Nut              |
| 83                   | 600046                               | Return spring         |
| 84                   | 51058                                | Tube Connector        |
| 85                   | 600085                               | Valve Cap             |
| 86                   | 48047                                | Washer (2)            |
| 87*                  | R123X24                              | O-Ring                |
| 88                   | 600084                               | Valve Stem            |
| 89*                  | R9X15                                | O-Ring                |
| 90                   | 600083                               | Valve Bush            |
| 92                   | 500035                               | Air Cylinder Cap      |
| 93                   | 600019                               | Plunger Rod           |
| 94                   | 500023A                              | Piston Disc           |
| 95*                  | 11531                                | O-Ring Seal (2)       |
| 96                   | 48045                                | Inner Tooth Washer    |
| 97                   | 48048                                | Nut                   |
| 98                   | 11514                                | Clip                  |
| 99                   | 600099                               | Hand Grip             |
| 100                  | 19314                                | Retaining Ring        |
| 102                  | 19313                                | Spring                |
| 103                  | 600067                               | Button                |
| 104                  | 600066                               | Screw Bush            |
| 105*                 | 10748                                | O-Ring Seal           |
| 106*                 | R2X1                                 | O-Ring                |
| 107                  | 600070A9                             | New Adaptor           |
|                      | incl. #600070A, #600070A2, #600070A3 |                       |
| 108                  | 02169                                | Pin                   |
| 109                  | 02168H                               | Pin                   |
| 110                  | 02138                                | Trigger               |
| 111                  | 500033                               | Trigger Rod           |
| 112                  | 11020S                               | Universal Joint       |
| 114                  | 11530                                | Damping Ring (2)      |
| 117                  | 600096                               | Muffler Bush          |
| 118                  | 500071                               | Rubber Cushion        |
| 119*                 | R35X25                               | O-Ring Seal           |
| 121                  | 600062                               | Gasket                |
| 122*                 | R5X1.5                               | O-Ring Seal           |
| *** Accessories ***  |                                      |                       |
| 1                    | BM12N                                | Bolt M12              |
| 1                    | BM8N                                 | Bolt M8               |
| 1                    | BM6N                                 | Bolt M6               |
| 1                    | BM5N                                 | Bolt M5               |
| 1                    | BM4N                                 | Bolt M4               |
| 2                    | 60M12                                | Nut Anvil M12         |
| 2                    | 60M8                                 | Nut Anvil M8          |
| 2                    | 60M6                                 | Nut Anvil M6          |
| 2                    | 60M5                                 | Nut Anvil M5          |
| 2                    | 60M4                                 | Nut Anvil M4          |
| 3                    | 600021                               | Nut (5)               |
| 116                  | 54059                                | Hanging Ring          |
| 120                  | 600069                               | Pin                   |
|                      | W24                                  | Wrench 24/27mm        |
|                      | 54005                                | Hex. Wrench           |
|                      | 11790                                | Oil Syringe           |
| Optional Accessories |                                      |                       |
| 1                    | BM12                                 | Bolt M12              |
| 1                    | BM10                                 | Bolt M10              |
| 1                    | BM8                                  | Bolt M8               |
| 1                    | BM6                                  | Bolt M6               |
| 1                    | BM5                                  | Bolt M5               |
| 1                    | BM4                                  | Bolt M4               |