



McElroy Manufacturing, Inc.  
The leader by design.  
Tulsa, Oklahoma U.S.A.

DRAWN:  
CJH

CHECK:  
PJD

APPR'D:  
JBC

DATE: 10/16/18

SHT  
No: 3

REV  
No: A

PART  
No: 730103

# POLYGON™ FACER ASSEMBLY

NOTE: THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF McElroy Manufacturing, Inc. THE DRAWING IS NOT TO BE REPRODUCED IN ANY MANNER, SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION, OR USED DIRECTLY OR INDIRECTLY FOR THE PURPOSES OTHER THAN THOSE FOR WHICH IT WAS FURNISHED WITHOUT WRITTEN PERMISSION OF McElroy Manufacturing, Inc.

## NOTES:

1. APPLY MEDIUM STRENGTH THREAD LOCKER.

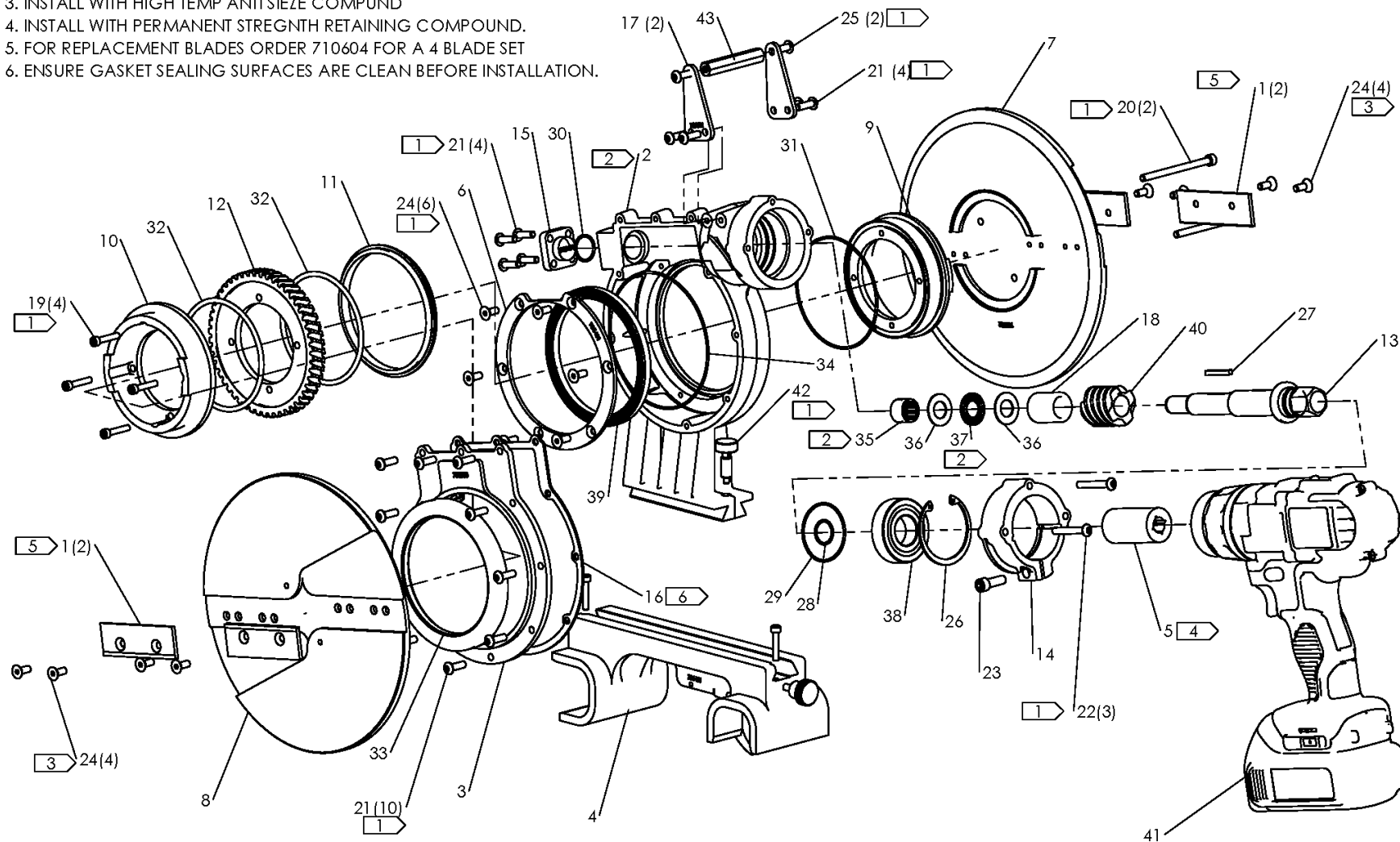
2. FILL CAVITY 2/3 FULL WITH EP GREASE, ENSURING THE WORM GEAR AND BEARINGS ARE COATED.

3. INSTALL WITH HIGH TEMP ANTI SIEZE COMPUOND

4. INSTALL WITH PERMANENT STRENGTH RETAINING COMPOUND.

5. FOR REPLACEMENT BLADES ORDER 710604 FOR A 4 BLADE SET

6. ENSURE GASKET SEALING SURFACES ARE CLEAN BEFORE INSTALLATION.



## McElroy Manufacturing Parts List

**Part Number:** 730103 Polygon 180mm 120V Facer Assembly

### Part Number 730103 Component List

| Item | Component  | Description                                     | Quantity | Unit | Price    |
|------|------------|-------------------------------------------------|----------|------|----------|
| 1    | 710601     | Facer Blade 3LG                                 | 4.0      | EA   | 76.23    |
| 2    | 733404     | Facer Body (Effective to 4/21/21)               | 1.0      | EA   | 0.00     |
| 2    | 733401     | Facer Body                                      | 1.0      | EA   | 0.00     |
| 3    | 733503     | Polygon Facer Body Cover (Effective to 6/10/21) | 1.0      | EA   | 0.00     |
| 3    | 07P0842863 | Polygon Facer Body Cover                        | 1.0      | EA   | 0.00     |
| 4    | 734902     | Facer Guide Rod Bracket Assembly                | 1.0      | EA   | 1,327.00 |
| 5    | 735301     | Facer Drive Socket                              | 1.0      | EA   | 68.91    |
| 6    | 735401     | Bearing Retainer                                | 1.0      | EA   | 0.00     |
| 7    | 735502     | 180MM C'bored Blade Holder                      | 1.0      | EA   | 0.00     |
| 8    | 735602     | 180MM Tapped Blade Holder                       | 1.0      | EA   | 267.00   |
| 9    | 735801     | Bearing Side Output Shaft                       | 1.0      | EA   | 0.00     |
| 10   | 735901     | Seal Side Output Shaft                          | 1.0      | EA   | 0.00     |
| 11   | 736001     | Output Gear Spacer                              | 1.0      | EA   | 0.00     |
| 12   | 736101     | Output Gear                                     | 1.0      | EA   | 0.00     |
| 13   | 736201     | 6.205 Input Shaft                               | 1.0      | EA   | 0.00     |
| 14   | 736301     | Drill Mount                                     | 1.0      | EA   | 159.00   |
| 15   | 736401     | Input Shaft Plug                                | 1.0      | EA   | 0.00     |
| 16   | 736801     | Facer Cover Gasket (Effective to 6/10/21)       | 1.0      | EA   | 0.00     |
| 16   | 736802     | Facer Cover Gasket                              | 1.0      | EA   | 42.20    |
| 17   | 737601     | Aux Handle Side Plate                           | 2.0      | EA   | 0.00     |
| 18   | 31506201   | Gearbox Bearing Spacer                          | 1.0      | EA   | 121.00   |
| 19   | MAC00278   | #10-32NFX3/4LG Shcs PL                          | 4.0      | EA   | 0.56     |
| 20   | MAC00460   | #10-24NCX2-3/4LG Shcs PL                        | 2.0      | EA   | 0.00     |
| 21   | MAE00137   | #10-24NCX5/8LG Bhscs Stl PL                     | 18.0     | EA   | 0.34     |
| 22   | MAE00138   | #10-24NCX1-3/8LG Bhscs SS                       | 3.0      | EA   | 0.00     |
| 23   | MAH00052   | 1/4-20NC X 3/4"LG Shcs SS                       | 1.0      | EA   | 0.49     |
| 24   | MAH00074   | #8-32NCX3/8LG Fhscs SS                          | 14.0     | EA   | 0.29     |
| 25   | MAH00170   | #10-32NFX3/8LG Bhscs SS                         | 2.0      | EA   | 0.39     |
| 26   | MCA00056   | 1-7/8" Int Snap Ring, PL                        | 1.0      | EA   | 0.00     |
| 27   | MCK00125   | 1/8X3/16X1LG Key, SQ Ends                       | 1.0      | EA   | 0.00     |
| 28   | MDL00001   | O-ring                                          | 1.0      | EA   | 1.17     |
| 29   | MDL00156   | Buna-n 70 Duro O-ring                           | 1.0      | EA   | 0.00     |
| 30   | MDL00182   | O-ring                                          | 1.0      | EA   | 1.46     |
| 31   | MDL00305   | O-ring                                          | 1.0      | EA   | 8.00     |
| 32   | MDL00307   | O-ring                                          | 2.0      | EA   | 3.89     |
| 33   | MDL00359   | 3-1/2" ID Double Lip Oil Seal                   | 1.0      | EA   | 0.00     |
| 34   | MDL00360   | 3.989 ID X .070 W O-ring                        | 1.0      | EA   | 0.00     |
| 35   | MDM00552   | Needle Roller Bearing                           | 1.0      | EA   | 16.86    |
| 36   | MDM00554   | Thrust Washer                                   | 2.0      | EA   | 2.95     |
| 37   | MDM00555   | Thrust Bearing                                  | 1.0      | EA   | 8.43     |
| 38   | MDM00574   | 7/8"ID X 1-7/8"OD Ball Bearing                  | 1.0      | EA   | 0.00     |
| 39   | MDM00575   | 3-1/2"IDX4-1/8"OD Ball Bearing                  | 1.0      | EA   | 0.00     |
| 40   | MDQ00062   | 1.00PD, 12DP, 4 Lead Worm                       | 1.0      | EA   | 622.00   |
| 41   | MJL00134   | 20V Dewalt Brushless Drill                      | 1.0      | EA   | 1,207.00 |
| 42   | MJN00014   | 5/16-18 Retractable Plunger SS                  | 1.0      | EA   | 47.13    |
| 43   | MQI00108   | Female Threaded Hex Handle                      | 1.0      | EA   | 0.00     |

Please visit <https://fusion.mcelroy.com/parts> to purchase parts or for more information.