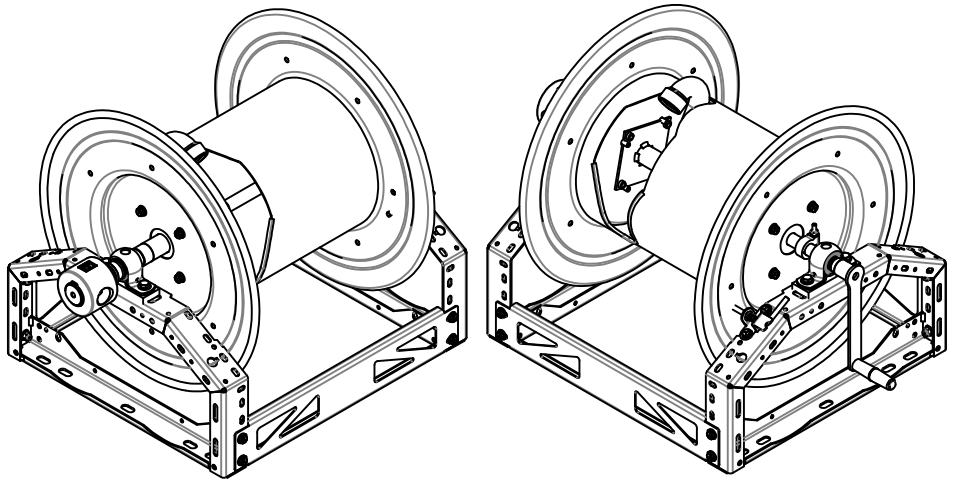
**EXP-240** (PG 1 OF 4)

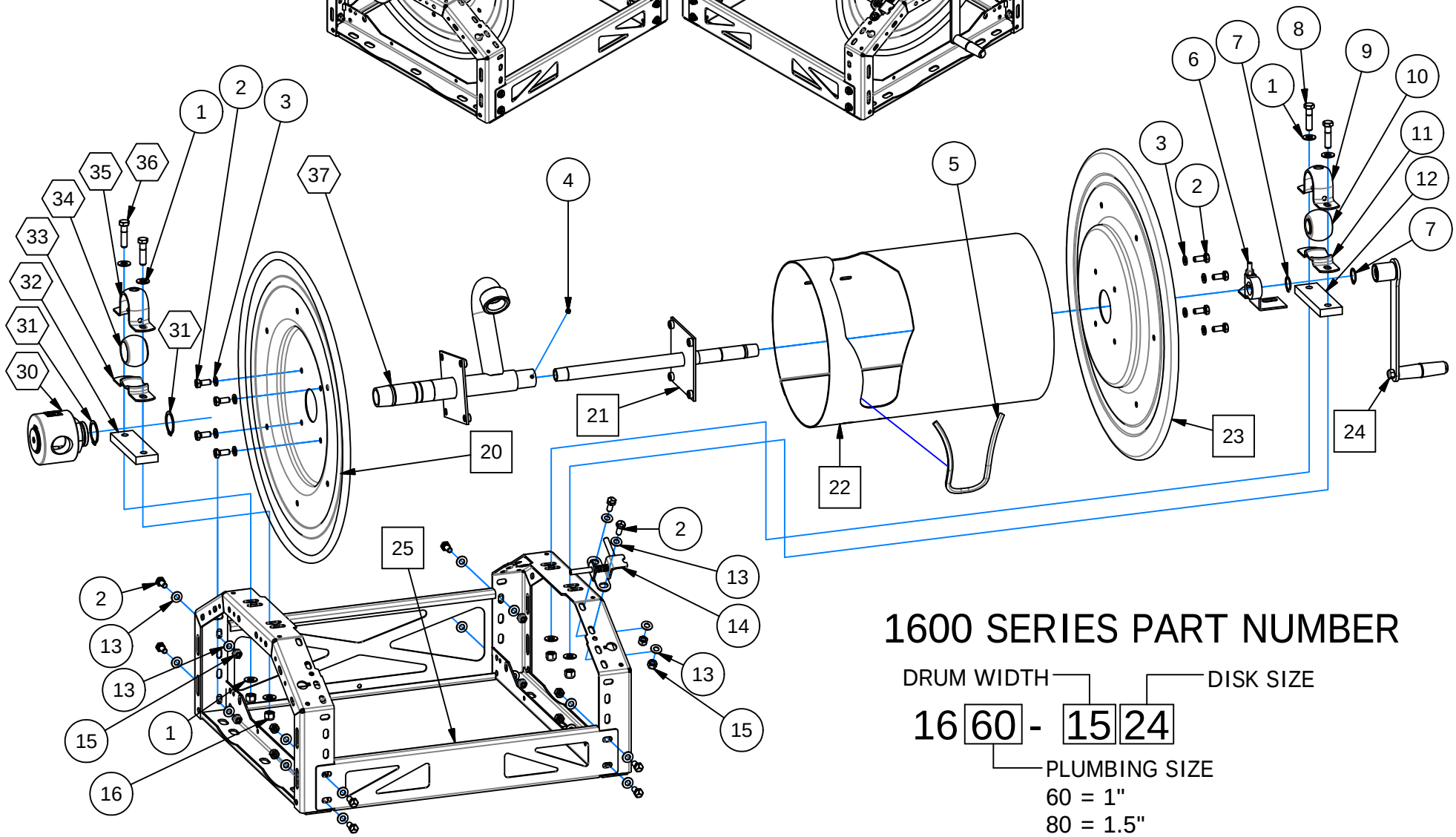
*REVISION:* -
*ECO NO.:* NA
*DRAWN BY:* JKUCERA
*DATE:* 1/16/14

# COXREELS

## *1600 HAND CRANK*

1" PLMB SHOWN
SEE FOLLOWING PGS
FOR 1.5" PLMB






## 1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 60 - 15 24

PLUMBING SIZE
60 = 1"
80 = 1.5"

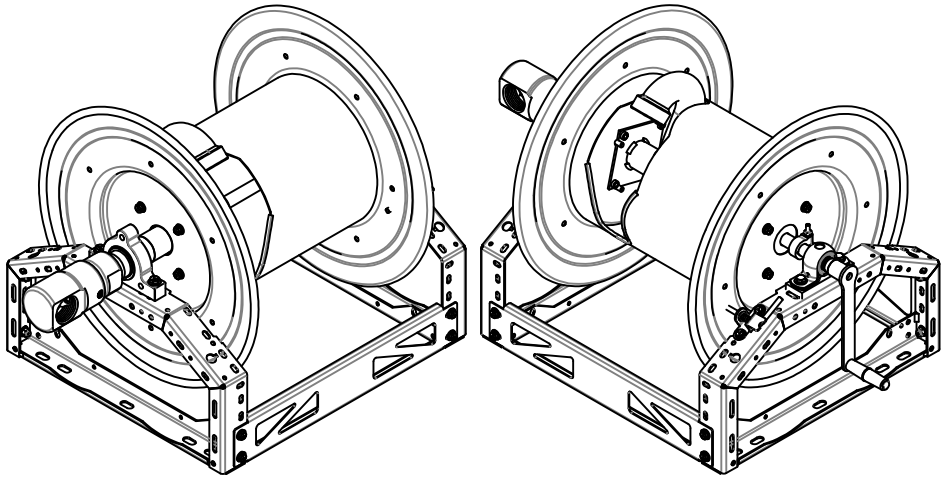
SEE PAGE 2 FOR 1.5" MODEL

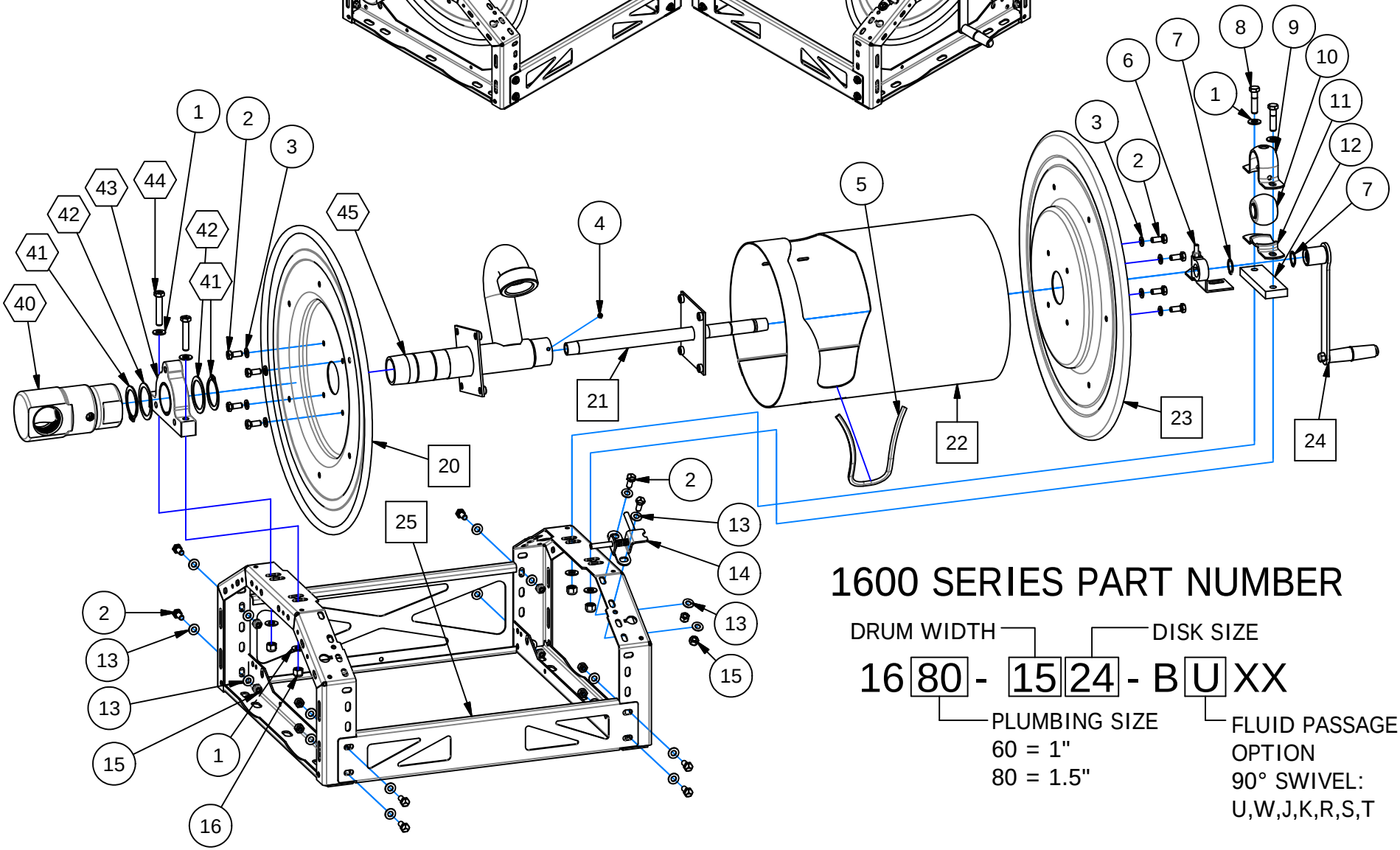
**EXP-240** (PG 2 OF 4)

*REVISION:* -
*ECO NO.:* NA
*DRAWN BY:* JKUCERA
*DATE:* 1/16/14

# COXREELS

## *1600 HAND CRANK*






## 1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 80 - 15 24 - B U XX

PLUMBING SIZE
60 = 1"
80 = 1.5"

FLUID PASSAGE OPTION
90° SWIVEL:
U,W,J,K,R,S,T

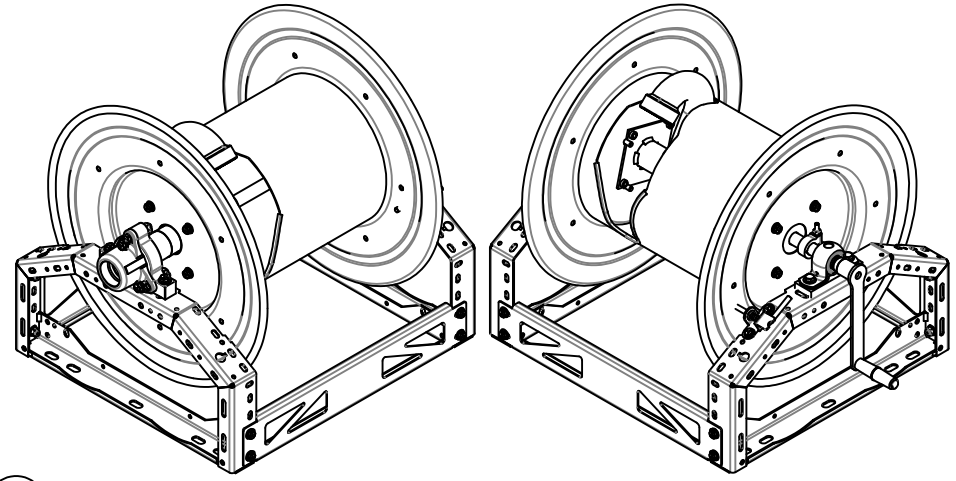
**EXP-240** (PG 3 OF 4)

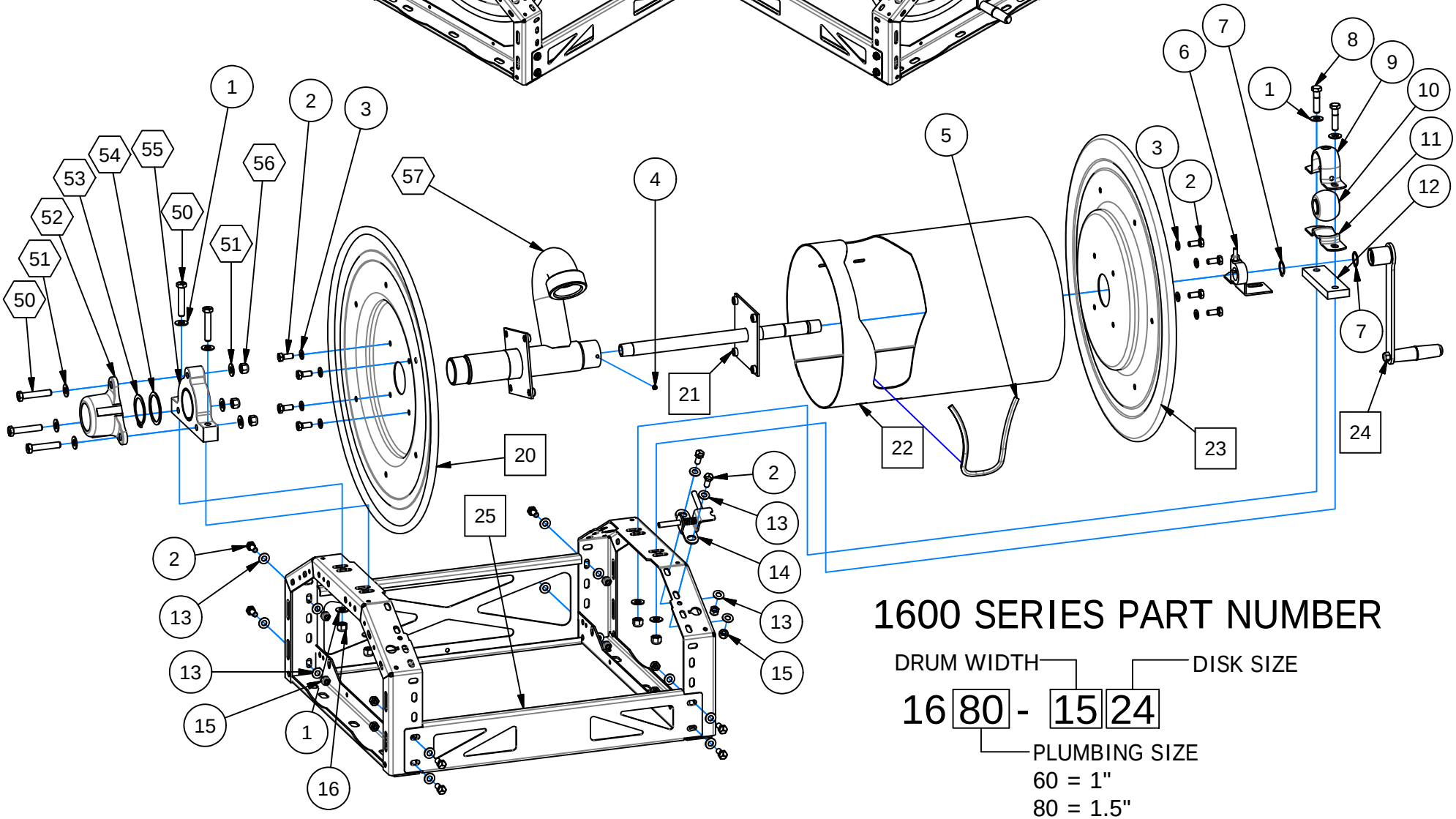
*REVISION:* -
*ECO NO.:* NA
*DRAWN BY:* JKUCERA
*DATE:* 1/16/14

# COXREELS

## *1600 HAND CRANK*

ALUMINUM INLINE SWIVEL
(CURRENT LAYOUT)






## 1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 80 - 15 24

PLUMBING SIZE
60 = 1"
80 = 1.5"

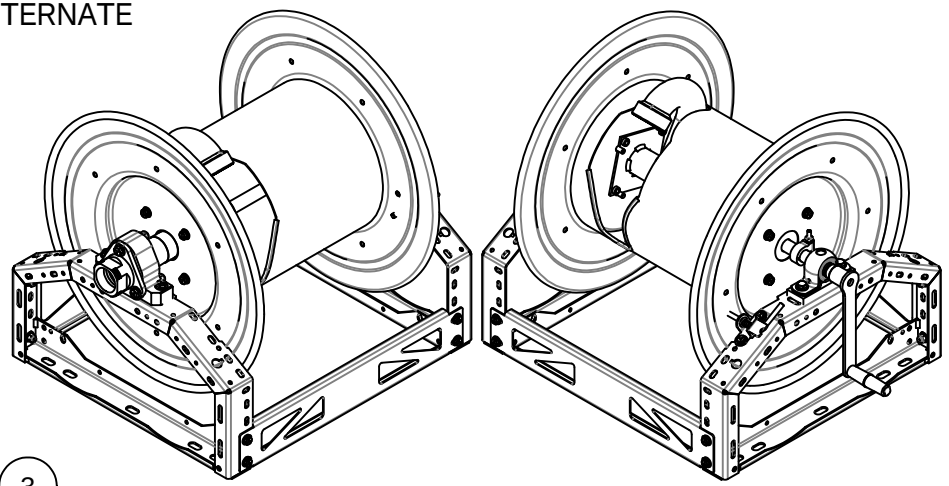
**EXP-240** (PG 3 OF 4) FUTURE ALTERNATE

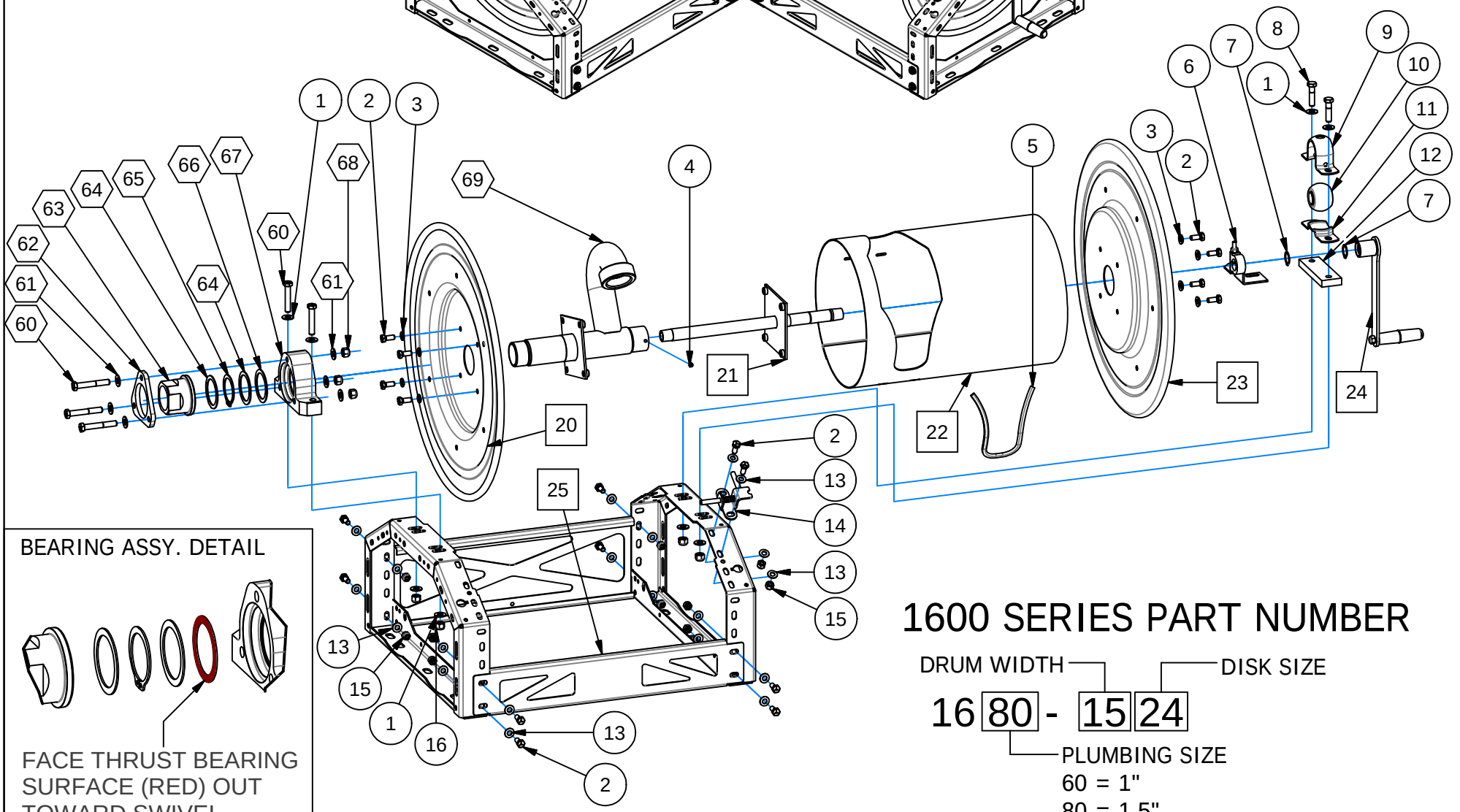
*REVISION:* A
*ECO NO.:* NA
*DRAWN BY:* JKUCERA
*DATE:* 1/16/14

# COXREELS

## *1600 HAND CRANK*

STEEL INLINE SWIVEL
(FUTURE LAYOUT)






BEARING ASSY. DETAIL



FACE THRUST BEARING SURFACE (RED) OUT TOWARD SWIVEL

## 1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 **80** - **15** **24**

PLUMBING SIZE
60 = 1"
80 = 1.5"

# EXP-240 (PG 4 OF 4)

REVISION: -
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 1/16/2014

## 1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 60 - 15 24

PLUMBING SIZE
60 = 1"
80 = 1.5"

# COXREELS
## 1600 HAND CRANK

| # | | ITEM | QTY | PART # | DESCRIPTION |
|---|---|---|---|---|---|
| COMMON COMPONENTS | | 1 | 8 | 157 | WASHER: 3/8" NARROW |
| | | 2 | 18 | 312 | BOLT: 5/16-18 X 3/4" HEX |
| | | 3 | 8 | 112 | WASHER: 5/16" LOCK |
| | | 4 | 1 | 17095 | SET SCREW: 1/4-20 x 1/4" SS |
| | | 5 | 1 | 7460-13 | EDGE TRIM 13.5" LONG |
| | | 6 | 1 | 7429-2-4 | ASSEMBLY: DRAG BRAKE |
| | | 7 | 2 | 153 | RING: 5100-81 RETAINING |
| | | 8 | 2 | 481 | BOLT: 3/8-16 X 1-1/2" HEX |
| | | 9 | 1 | 20064-T | HOUSING: BEARING, TOP |
| | | 10 | 1 | 20649 | BEARING: .833/.836 |
| | | 11 | 1 | 20064-B | HOUSING: BEARING, BOTTOM |
| | | 12 | 1 | 17086-1 | SPACER: BEARING PLASTIC 1/2" |
| | | 13 | 20 | 20171 | WASHER: 5/16" FLAT |
| | | 14 | 1 | 20843 | ASSEMBLY: 5/16" LOCK PIN |
| | | 15 | 10 | 111 | NUT: 5/16-18 NYLOCK |
| | | 16 | 4 | 435 | NUT: 3/8-16 NYLOCK |

| # | | | ITEM | QTY | PART # | DESCRIPTION |
|---|---|---|---|---|---|---|
| 1660 | 1" | | 30 | 1 | 7231- | ASSEMBLY: 1" SWIVEL, 4000 PSI |
| | | | 31 | 2 | 15012 | RING: RETAINING, 5100-131 |
| | | | 32 | 1 | 17086-1 | SPACER: BEARING PLASTIC 1/2" |
| | | | 33 | 1 | 20064-B | HOUSING: BEARING, BOTTOM |
| | | | 34 | 1 | 7507 | BEARING: 1-5/16" SPHERICAL |
| | | | 35 | 1 | 20064-T | HOUSING: BEARING, TOP |
| | | | 36 | 2 | 481 | BOLT: 3/8-16 X 1-1/2" HEX |
| | | | 37 | 1 | 17206 | AXLE PLUMBING 1" WELDMENT |
| 1680 | 1.5" 90° | | 40 | 1 | 20253-1 | SWIVEL: 1-1/2", 4000 PSI |
| | | | 41 | 2 | 20252 | RING: RETAINING, 5100-187 |
| | | | 42 | 2 | 8960 | WASHER - BEARING |
| | | | 43 | 1 | 8166 | ASSEMBLY: 1-1/2" BEARING BLOCK |
| | | | 44 | 2 | 7696- | BOLT: 3/8-16 X 2" HEX, FULL THREAD |
| | | | 45 | 1 | 17208 | AXLE PLUMBING 1.5" THRD SWIVEL |
| | 1.5" AL | | 50 | 5 | 7696- | BOLT: 3/8-16 X 2" HEX, FULL THREAD |
| | | | 51 | 6 | 157 | WASHER: 3/8" NARROW |
| | | | 52 | 1 | 20288 | ASSEMBLY: 1-1/2" SWIVEL, NITRILE |
| | | | 53 | 1 | 20266 | RING: RETAINING, 5100-175 |
| | | | 54 | 1 | 20264 | WASHER: BEARING |
| | | | 55 | 1 | 8166 | ASSEMBLY: 1-1/2" BEARING BLOCK |
| | | | 56 | 3 | 435 | NUT: 3/8-16 NYLOCK |
| | | | 57 | 1 | 17208-1 | AXLE PLUMBING 1.5" INLINE AL SWIVEL |
| | 1.5" STEEL | | 60 | 5 | 1985 | BOLT, HEX, GR-5, 3/8-16UNC X 2.5" |
| | | | 61 | 6 | 157 | WASHER: 3/8" NARROW |
| | | | 62 | 1 | 8956 | PLATE-CLAMP-SWIVEL |
| | | | 63 | 1 | 8955 | HOUSING - SWIVEL 1-1/2" INLINE |
| | | | 64 | 2 | 8960 | WASHER - BEARING |
| | | | 65 | 1 | 20252 | RING: RETAINING, 5100-187 |
| | | | 66 | 1 | 8960-1 | THRUST BEARING WASHER |
| | | | 67 | 1 | 8954 | ASSEMBLY: BEARING HOUSING 1.5" |
| | | | 68 | 3 | 435 | NUT: 3/8-16 NYLOCK |
| | | | 69 | 1 | 17208-1(B) | AXLE PLUMBING 1.5" INLINE ST SWIVEL |

| # | | DISK SIZE / FRAME HEIGHT | | | |
|---|---|---|---|---|---|
| 16XX - | | xx **20** | xx **24** | xx **28** | |
| ITEM | QTY | PART # | PART # | PART # | DESCRIPTION |
| **20** | 1 | 7799 | 7603-1 | 7627-1 | DISK 20", 24" OR 28" |
| **23** | 1 | 7799-1 | 7603-2 | 7627-2 | DISK 20", 24" OR 28" |
| **24** | 1 | 7419-1 | 7419-1 | 8191-1 | ASSEMBLY: 1/2" HAND CRANK |

| # | | | FRAME WIDTH | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 16XX - | **08** | **09** | **11** | **13** | **15** | **20** | **22** | **24** | **25** | **28** | **33** | **XX** |
| ITEM | QTY | PART # | PART # - SUFFIX | | | | | | | | | | | |
| **21** | 1 | **17201 -** | **8.5** | **9.5** | **12** | **14** | **16** | **20** | **22** | **24** | **25** | **28** | **33** | AXLE PLUMBING 1/2" DRY AXLE |
| **22** | 1 | **7604-1 -** | **8.5** | **9.5** | **12** | **14** | **16** | **20** | **22** | **24** | **25** | **28** | **33** | DRUM: 10-1/2" CENTER, SYMMETRIC |

| # | WELDED FRAME | | | |
|---|---|---|---|---|
| ITEM | QTY | PART # | DESCRIPTION | THE SUFFIX OF 17270 MATCHES THE SUFFIX OF THE 1600 MODEL |
| **25** | 1 | 17270-xxxx | FRAME WELDMENT | EXAMPLE: 1660-**1524** USES FRAME 17270-**1524** |
| | 1 | 17275-xxxx | FRAME/ROLLER ASSY | BOTTOM 4 ROLLERS: SAME RULES AS ABOVE BUT ROLLERS ARE PART OF FRAME |