

Slave Arm, T4, 101-6790

Rev. F

| Item | P/N | Description | Qty |
|------|-----------|--------------------------------|---------|
| 1 | 101-4042 | ACTR,AZ,ONE PIECE SPDL, T3 | 1.0000 |
| 2 | 101-5977 | UPPERARM,T4,HAWA | 1.0000 |
| 3 | 101-4077 | ACTR,RTRY,ELB,T3 | 1.0000 |
| 4 | 101-5723 | FOREARM,T4 | 1.0000 |
| 5 | 101-4821 | ACTR,RTRY,PITCH,W/FLATS,T3 | 2.0000 |
| 6 | 101-6789 | WRIST,ACTR,T4 | 1.0000 |
| 9 | 101-2628 | RSLR,AZ,T3 | 1.0000 |
| 10 | 101-1405 | RSLR,ELB,T2/T3 | 1.0000 |
| 11 | 101-1407 | RSLR,PITCH,T2/T3 | 1.0000 |
| 12 | 101-1408 | RSLR,YAW,T2/T3,GAMMA | 1.0000 |
| 13 | 101-1573 | RSLR,SHLDR,T2/T3,SP,GAMMA | 1.0000 |
| 15 | 004-0642 | O-RING,2-010,DISOGRIN 90 DURO | 6.0000 |
| 16 | 002-0046P | NAS 6404PU8,NLK | 8.0000 |
| 17 | 004-0222 | O-RING,2-010 BUNA 90 | 56.0000 |
| 18 | 004-0190 | O-RING,2-012 BUNA 90 | 3.0000 |
| 19 | 002-0038P | NAS 6404PU1,NLK | 28.0000 |
| 20 | 002-0050 | NAS 6404U2 | 8.0000 |
| 21 | 001-2897 | BLK,ELB,PORTED,T2 | 1.0000 |
| 22 | 004-0003 | O-RING,2-024 BUNA 70 | 3.0000 |
| 23 | 002-0317P | NAS 6404PU10,NLK PATCH | 8.0000 |
| 25 | 002-0061P | NAS 6406PU6,NLK | 8.0000 |
| 26 | 004-0080 | O-RING,2-020 BUNA 70 | 2.0000 |
| 27 | 002-0052P | NAS 6404PU3,NLK | 28.0000 |
| 30 | 004-0627 | O-RING,.189X.039,BUNA 90 | 4.0000 |
| 31 | 001-2950 | BHCS,10-32X1/4,SS SMOOTH BOT | 4.0000 |
| 34 | 001-3317 | TUBE,SHLDR | 1.0000 |
| 35 | 004-0086 | O-RING,2-011 BUNA 70 | 2.0000 |
| 37 | 002-0705 | RING,RETING,INTL,SMALLEY WH562 | 1.0000 |
| 38 | 025-0102 | HYD SCHEM AND MAP,T4,HAWA | .0000 |
| 41 | 004-0087 | O-RING,2-011 BUNA 90 | 8.0000 |
| 43 | 004-0137 | O-RING,.244X.039 BUNA 90 APPLE | 8.0000 |
| 45 | 001-1800 | WIRE GUIDE,SLAVE ARM | 5.0000 |
| 46 | 001-1799 | CLP,RSLR,T2 | 5.0000 |
| 47 | 002-0095P | SHCS,10-32X3/8,316SS,NLK | 8.0000 |
| 48 | 002-0701 | RING,RETING,SMALLEY #WSW137 | 5.0000 |
| 49 | 002-0704 | RING,RETING,INTL,SMALLEY VH400 | 1.0000 |
| 50 | 002-0861 | RING,RETING,INTL,SMALLEY,#VH-3 | 1.0000 |
| 51 | 001-2460 | RING,RSLR,SHLDR | 1.0000 |
| 52 | 001-3319 | LID,AZ,T3 | 1.0000 |
| 53 | 001-1822 | COVER,AZIMUTH | 1.0000 |
| 54 | 006-0015 | FTG,HYD,-4 JIC,-4 ST,4F50X-SS | 1.0000 |
| 55 | 004-0226 | O-RING,2-155 BUNA 70 | 1.0000 |
| 56 | 004-0563 | O-RING,2-160 BUNA 70 | 1.0000 |

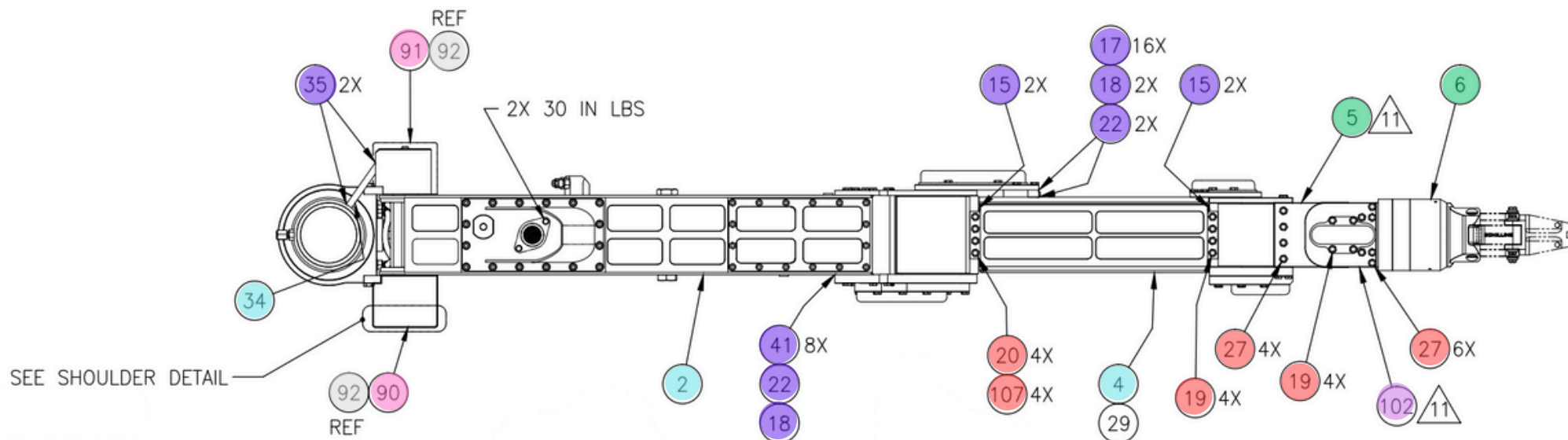
FASTENERS & LOCKING HARDWARE
COVERS, GUARDS & PROTECTION
CABLES & CABLE MANAGEMENT
CONSUMABLES & DOCUMENTATION & REFERENCE

STRUCTURAL PARTS
ACTUATORS
RESOLVERS & POSITION SENSORS
HYDRAULIC MANIFOLDS & PLUMBING
SEALS & O-RINGS

Slave Arm, T4, 101-6790 (cont.)

Rev. F

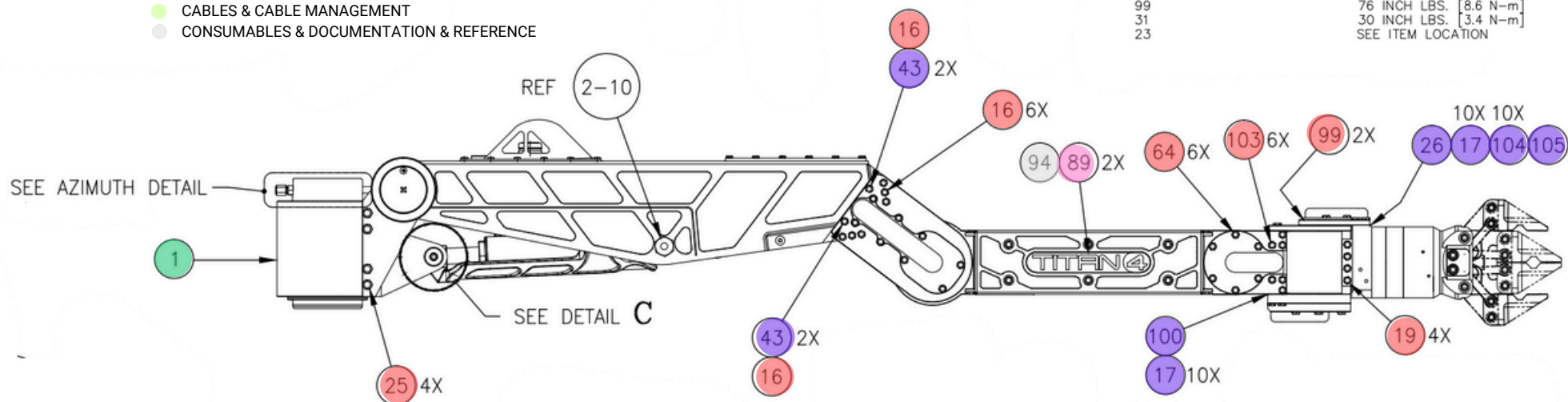
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| 57 | 004-0611 | SEAL,FLUROCARBON #AR10400-329- | 1.0000 |
| 58 | 002-1920 | PIN,SPR,1/8X1/2,SS 302 | 1.0000 |
| 60 | 001-1915 | SPR,RSLR,T2 | 3.0000 |
| 61 | 004-0113 | O-RING,2-047 BUNA 70 | 1.0000 |
| 62 | 004-0641 | O-RING,5.822X.070,BUNA 70 (THR | 1.0000 |
| 64 | 002-0346P | NAS 6404PU6,NLK | 20.0000 |
| 65 | 001-2673 | COV,WIRE,ELB,T2,TALL | 1.0000 |
| 66 | 001-2674 | COV,RSLR,ELB,T2,TALL | 1.0000 |
| 67 | 001-2676 | COV,WIRE,PITCH/YAW,T2,TALL | 2.0000 |
| 68 | 001-2675 | COV,RSLR,PITCH/YAW,T2,TALL | 2.0000 |
| 70 | 004-0139 | O-RING,2-040 BUNA 70 | 2.0000 |
| 71 | 004-0049 | O-RING,2-045 BUNA 70 | 2.0000 |
| 73 | 006-0027 | FIT,HYD,-4,JIC,CAP-S(4FNTX-S) | 2.0000 |
| 74 | 006-0028 | FTG,HYD,CAP,-6JF,ST | 1.0000 |
| 79 | 001-5294 | SHAFT, SHEAR PIN | 1.0000 |
| 80 | 001-5295 | END,SHEAR PIN | 2.0000 |
| 81 | 002-1888 | SHCS,5/16-24X3/4L,120K-150K | 2.0000 |
| 82 | 002-0286 | ADH,LOCTITE 271(RED 10CC BTL) | .0000 |
| 87 | 001-5494 | WIRE GDE, RSLVR, T3 | 3.0000 |
| 89 | 001-7151 | LOGO PLATE,TITAN 4,316 SS | 2.0000 |
| 90 | 001-5511 | BUMPER,SHLDR,PVT,RIGHT | 1.0000 |
| 91 | 001-5512 | BUMPER,SHLDR,PVT,LEFT | 1.0000 |
| 92 | 002-0801 | SEALANT,730 RTV SOLVENT RESIST | .0000 |
| 93 | 906-0067 | GUARD, LINACT,8IN | 1.0000 |
| 94 | 002-3428 | TAPE,ADHESIVE,VHB | 1.2000 |
| 95 | 101-5158 | CABLE,WRIST CAMERA TO SCE | 1.0000 |
| 96 | 005-4948 | CABLE,SMA-M TO SMA-M,36" | 1.0000 |
| 97 | 005-1706 | TBG,SHRINK,3/8 WHT | .2500 |
| 98 | 001-1897 | BLK,MANF,PITCH/YAW,T2 | 1.0000 |
| 99 | 002-0679P | SHCS,10-32X1/2,ALLOY,NLK | 4.0000 |
| 100 | 004-0303 | O-RING,2-022 V75 | 2.0000 |
| 102 | 007-0108 | MANF,RTR,PITCH/YAW,T2 | 2.0000 |
| 103 | 002-0045P | NAS 6404PU7,NLK | 12.0000 |
| 104 | 004-0585 | O-RING,.189X.039,N70(APPLE) | 20.0000 |
| 105 | 004-0586 | O-RING,1.417X.039,N70(APPLE) | 2.0000 |
| 106 | 004-1201 | O-RING,.228X.040 DISOGRIN9251 | 10.0000 |
| 107 | 002-5460 | WSHR,NORD-LOCK,NL1/4"SS-254 | 10.0000 |
| 108 | 007-0133 | MANF,RTR,ELB,T2 | 1.0000 |
| 109 | 001-12476 | BOLT,12 PT,1/4-28X 9/16",MP35N | 2.0000 |
| 110 | 004-1202 | O-RING, 2-030, DISOGRIN 9251 | 1.0000 |
| 111 | 002-0813 | WRAP,SPIRAL,1/4IN | .7500 |
| 200 | 101-6790-WI | WORK INSTRUCTIONS | .0000 |



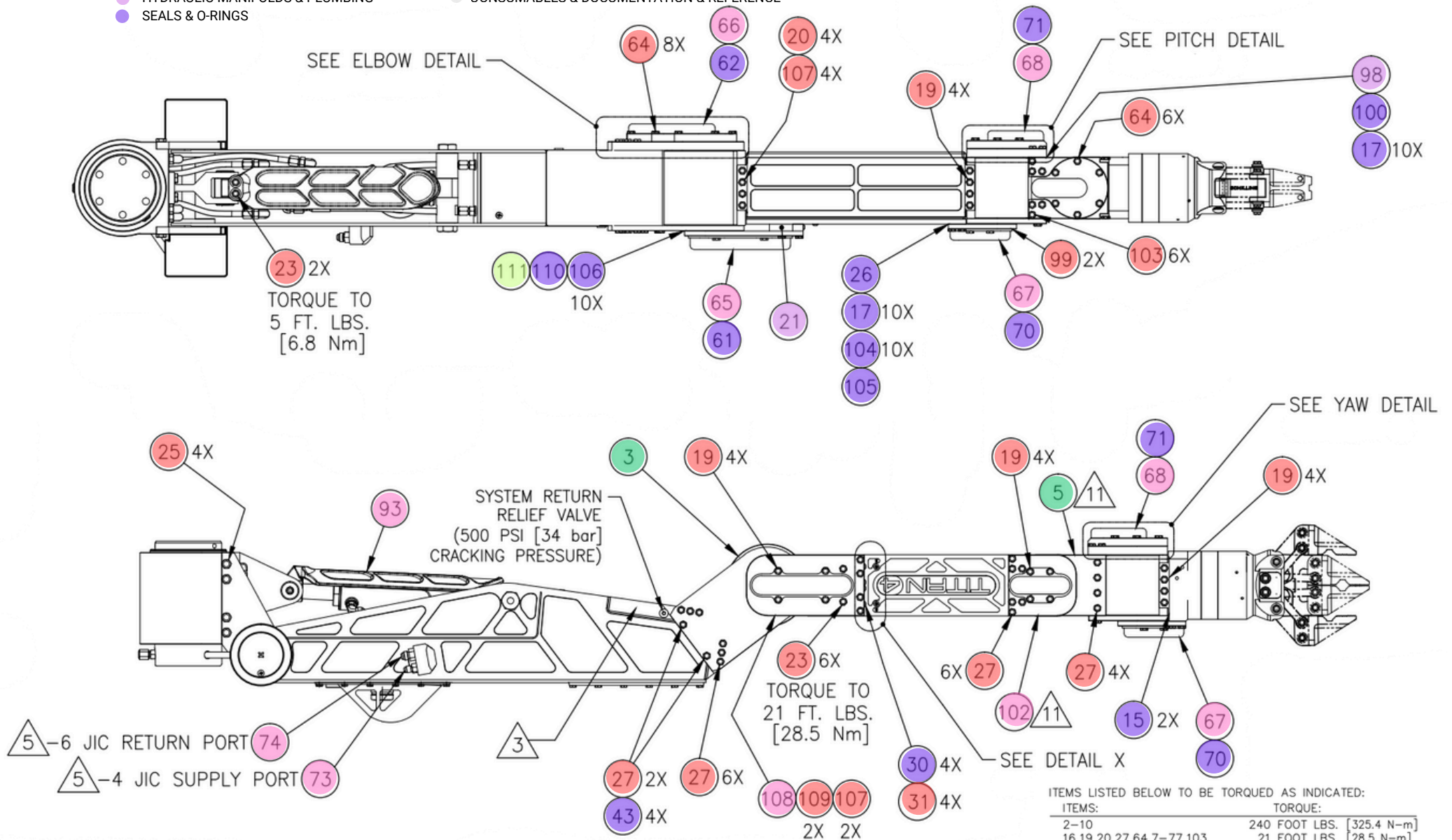
- STRUCTURAL PARTS
- ACTUATORS
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ITEMS LISTED BELOW TO BE TORQUED AS INDICATED:

| ITEMS: | TORQUE: |
|-------------------------|---------------------------|
| 2-10 | 240 FOOT LBS. [325.4 N-m] |
| 16,19,20,27,64,7-77,103 | 21 FOOT LBS. [28.5 N-m] |
| 25 | 73 FOOT LBS. [99.0 N-m] |
| 81,109 | 30 FOOT LBS. [40.7 N-m] |
| 47 | 5 FOOT LBS. [6.8 N-m] |
| 99 | 76 INCH LBS. [8.6 N-m] |
| 31 | 30 INCH LBS. [3.4 N-m] |
| 23 | SEE ITEM LOCATION |



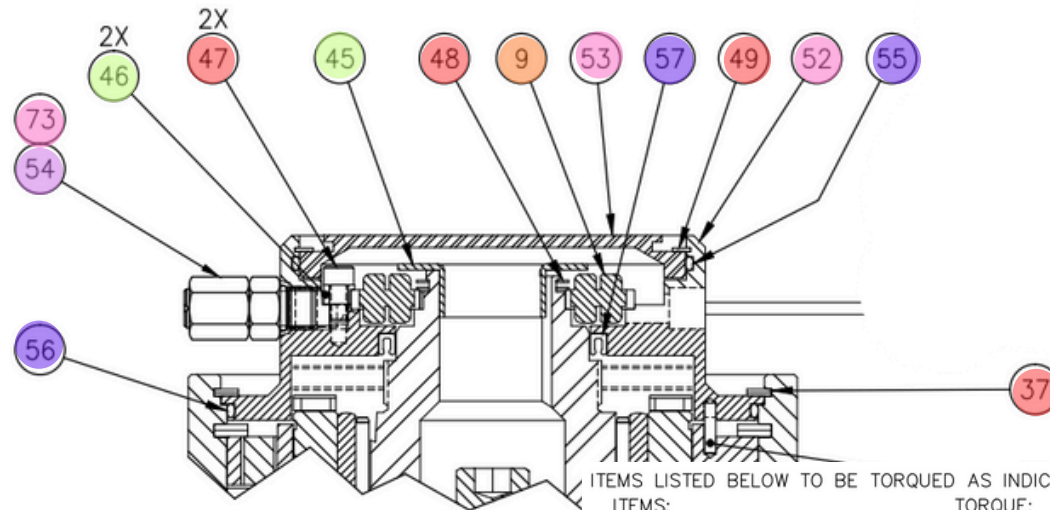
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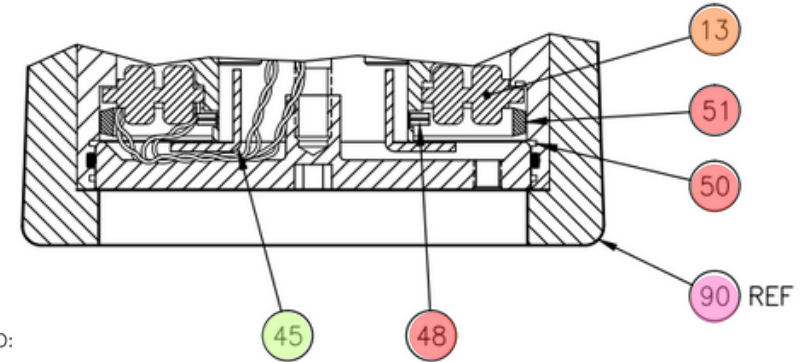
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AZIMUT

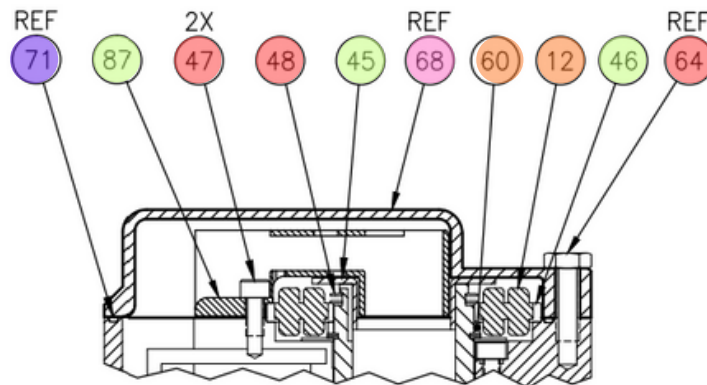
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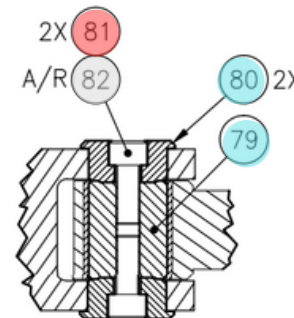


RIGHT SHOULDER DETAIL

SCALE x1.5



YAW DETAIL

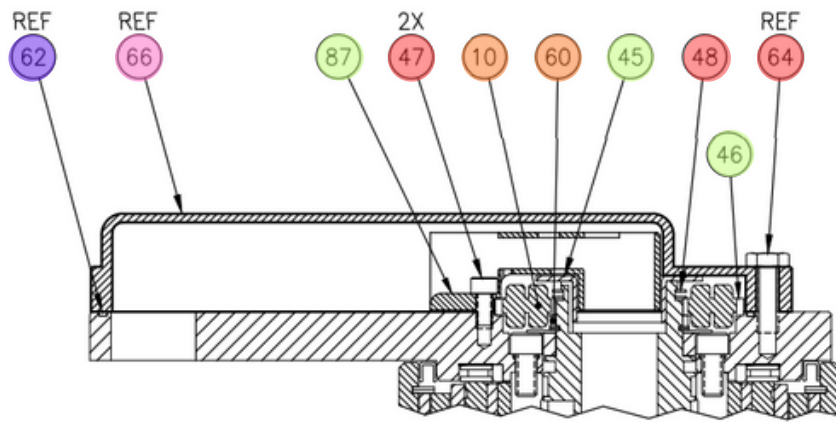


SECTION D-D

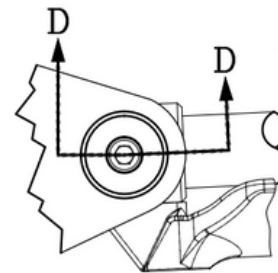
SCALE x4

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ELBOW DETAIL

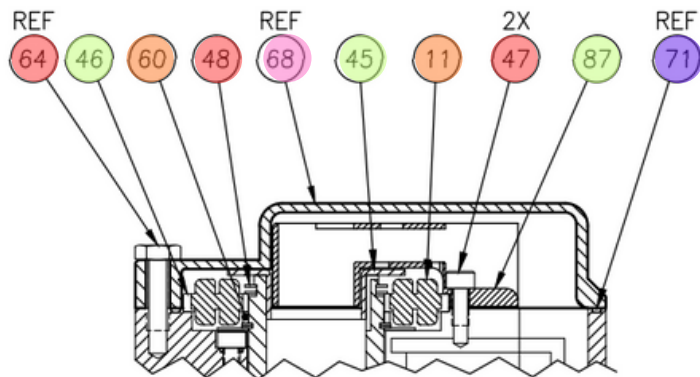


DETAIL C
SCALE x4

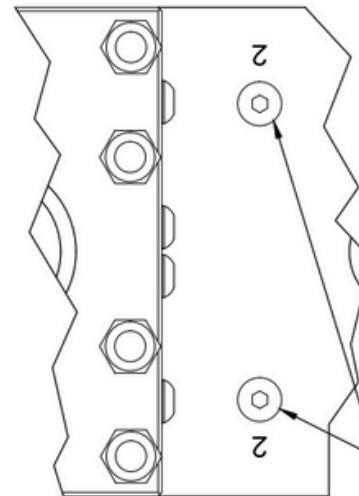
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PITCH DETAIL



DETAIL X
SCALE x1.5

