



# SM18

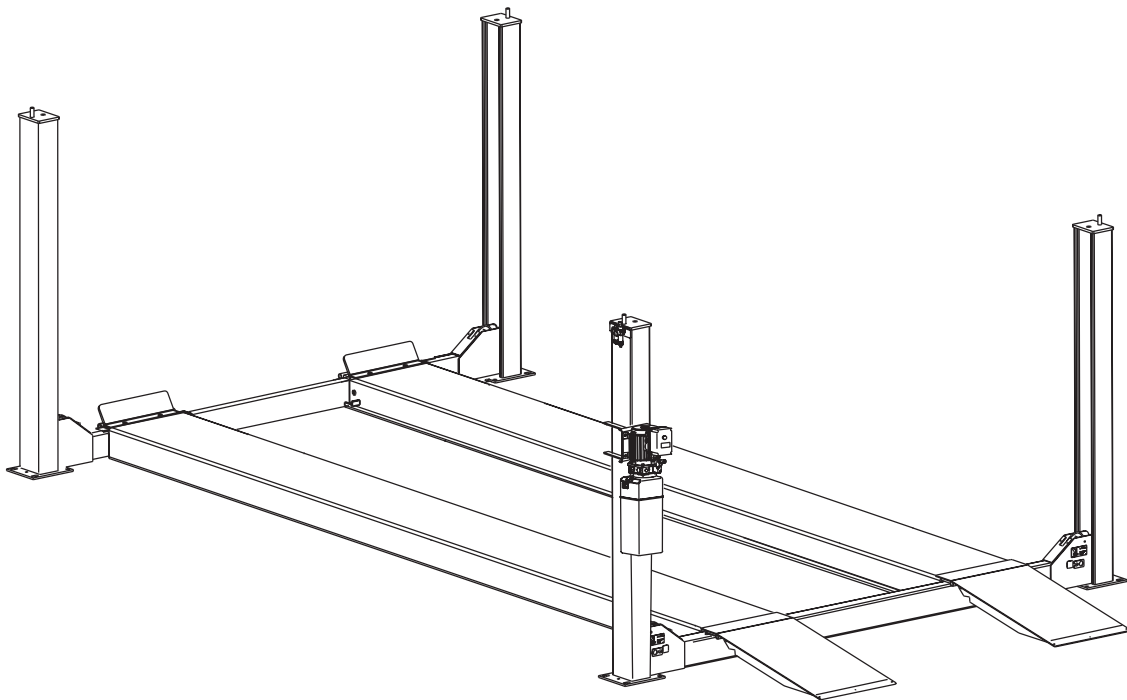
(000-017 Series)

Capacity 18,000 lbs. (9,000 lbs. per axle)

Four Post Surface Mounted Lift

Maximum Wheelbases: 194" & 230"

Minimum Wheelbase: 126"



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**IMPORTANT:** When ordering parts or requesting service always give exact model and power unit serial number. Model number is shown on nameplate attached to latch release valve. Power unit serial number is located on side of power unit.

## OWNERS RECORD

Complete information  
at right and keep in  
a safe place.

Date Installed \_\_\_\_\_

Installed in Bay # \_\_\_\_\_

Power Unit Serial # \_\_\_\_\_

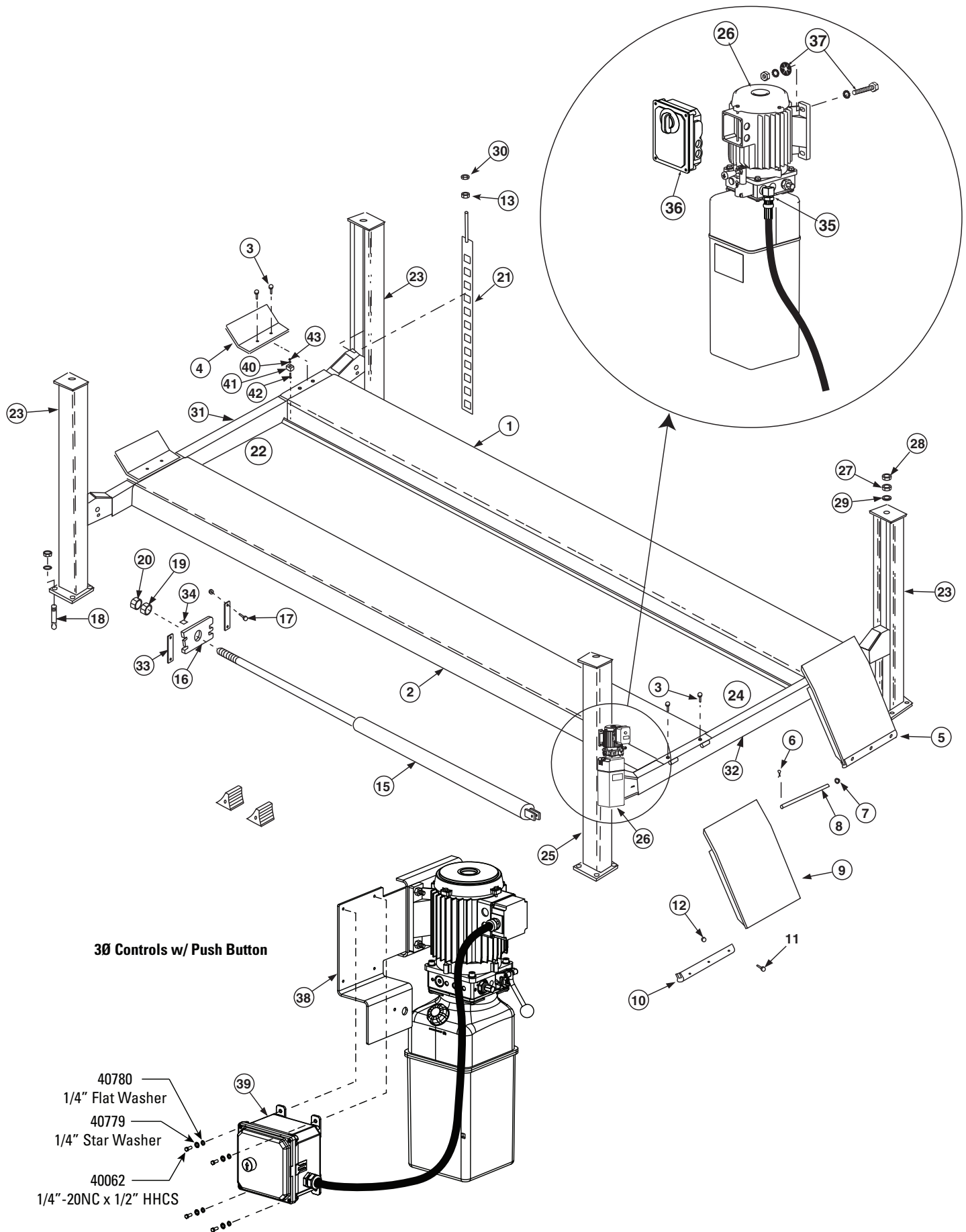
Power Unit Model # \_\_\_\_\_

Lift Serial # \_\_\_\_\_

Lift Model # \_\_\_\_\_

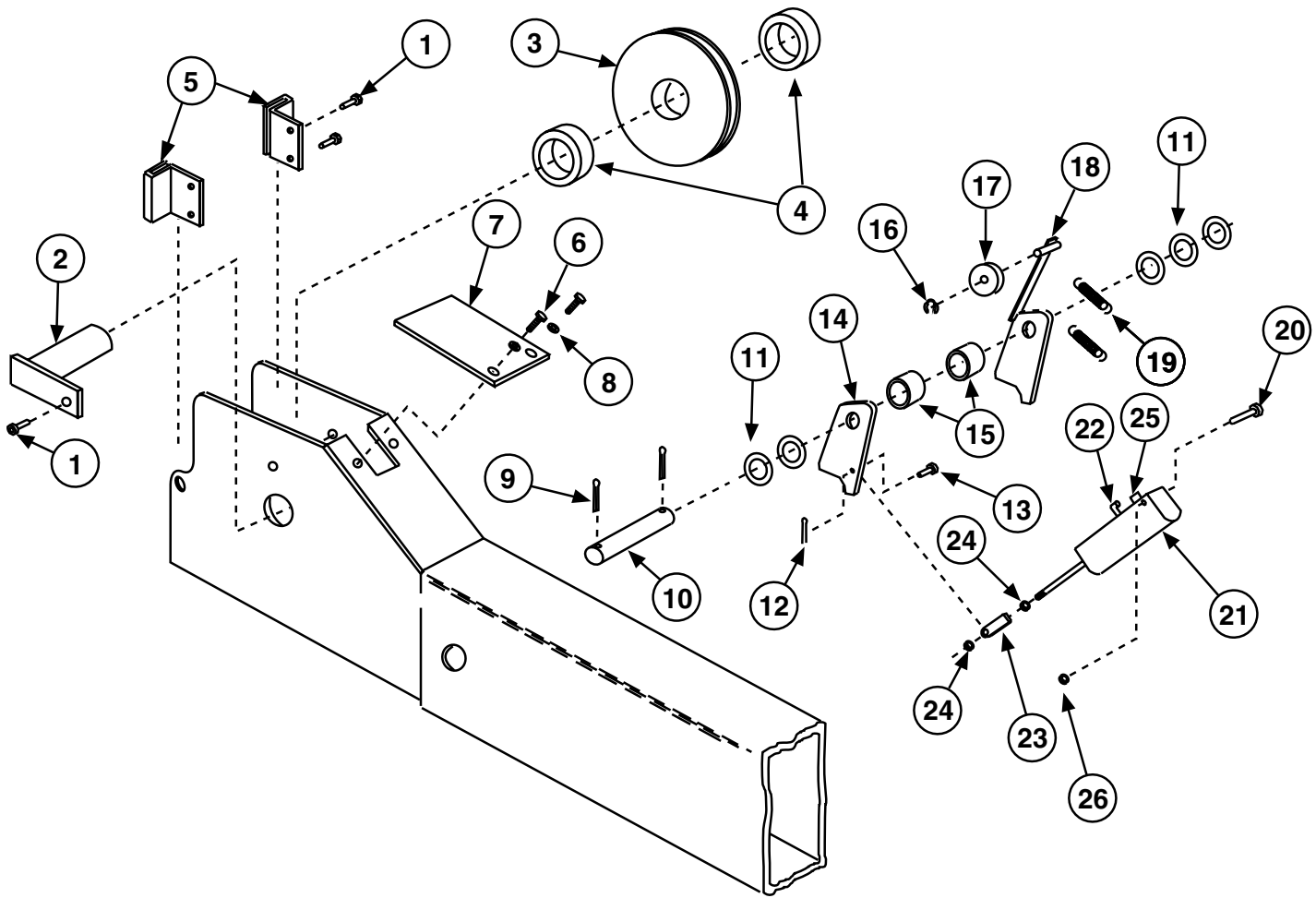
**NOTE:** For replacement parts -See your nearest Rotary Parts Distributor.





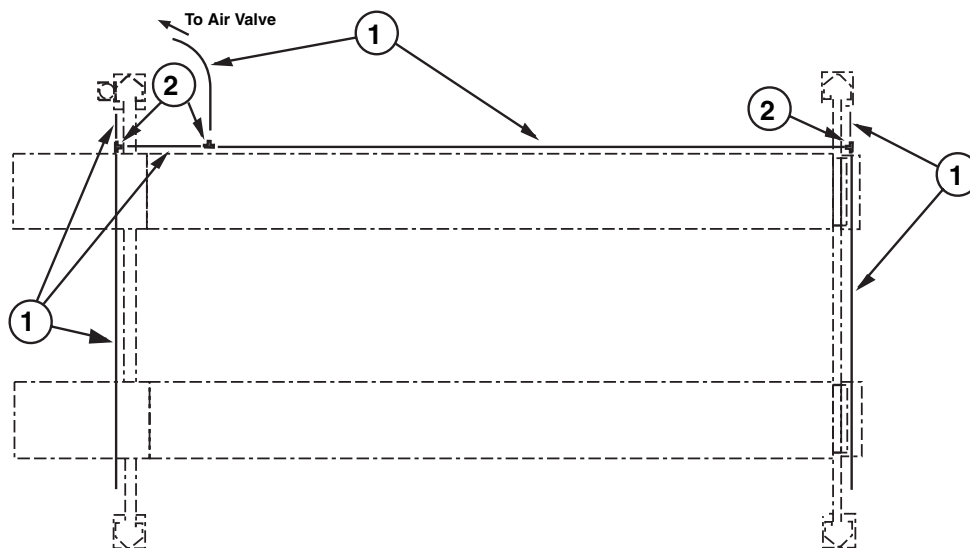
| Item | Description                                                               | Part Number  |
|------|---------------------------------------------------------------------------|--------------|
| 1    | Right Hand Runway Weld                                                    |              |
|      | 000 & 006 Series                                                          | S110126      |
|      | 001 & 007 Series                                                          | S110124      |
|      | 010 & 016 Series                                                          | S110126      |
|      | 011 & 017 Series                                                          | S110124      |
| 2    | Left Hand (Fixed) Runway Assembly (Includes cylinder, cables and sheaves) |              |
|      | 000 & 006 Series                                                          | S110122      |
|      | 001 & 007 Series                                                          | S110121      |
|      | 010 & 016 Series                                                          | S110133      |
|      | 011 & 017 Series                                                          | S110132      |
| 3    | 1/2"- 13NC x 1-1/2", Flg. Whiz Lock HHCS (High Strength)                  | 40297        |
| 4    | Wheel Stop                                                                | FC5810-19    |
| 5    | Ramp Chock Assembly                                                       |              |
|      | Standard Length                                                           | FC5810-43    |
|      | Extended Length                                                           | S130085      |
| 6    | 5/32" x 1" Lg. Cotter Pin                                                 | 41202        |
| 7    | 5/8" Pushnut Fastener                                                     | FC5179-4     |
| 8    | Hinge Pin                                                                 | FC134-99     |
| 9    | Ramp Chock                                                                | FC5810-45    |
| 10   | Ramp Chock Slide                                                          | FC134-33     |
| 11   | #10-24 PHMS x 3/4" Lg                                                     | 40030        |
| 12   | #10-24 Hex Nut                                                            | 40630        |
| 13   | 3/4"-10NC Hex Nut                                                         | 40760        |
| 14   | Wheel Chock                                                               | FC337        |
| 15   | Hydraulic Cylinder                                                        | FC5810-38    |
| 16   | Cable Pull Bar                                                            | FC5810-30    |
| 17   | 1/4"-20NC X 2-1/4" HHCS                                                   | 40112        |
|      | 1/4"-20NC NUT                                                             | 40642        |
| 18   | 5/8" Anchor Bolt                                                          | FC5228       |
| 19   | 1-1/2"-6NC Hex Nut                                                        | 40774        |
| 20   | 1-1/2"-6NC Hex Jam Nut                                                    | 40830        |
| 21   | Latch Bar                                                                 | FC5814-11    |
| 22   | Front Yoke Ass'y (Including Latches)                                      | FC5786       |
| 23   | Standard Column                                                           | FC5814-6     |
| 24   | Rear Yoke Ass'y (Including Latches)                                       | FC5787       |
| 25   | Power Unit Column                                                         | FC5815       |
| 26   | Power Unit                                                                |              |
|      | 1 Phase                                                                   | *P1006/P3006 |
|      | 3 Phase                                                                   | *P1049/P3460 |
| 27   | 1"-8NC Hex Nut                                                            | 40768        |
| 28   | 1"-8NC Hex Jam Nut                                                        | 40767        |
| 29   | 1" Flat Washer                                                            | 41113        |
| 30   | 3/4"-10NC Hex Jam Nut                                                     | 40759        |
| 31   | Front Yoke Weld                                                           | FC5786-1     |
| 32   | Rear Yoke Weld                                                            | FC5787-1     |
| 33   | Retainer Bar                                                              | FC5810-47    |
| 34   | Glide                                                                     | FC5160-12    |
| 35   | Elbow P1028-4                                                             |              |
| 36   | Control Box                                                               | FA7366       |
|      | Capacitor Box                                                             | FA7147-1     |
|      | Capacitor Box Cover Plate                                                 | FA7366-1     |
|      | Drum Switch                                                               | FA7364       |
|      | Drum Switch Lever                                                         | FA7364-1     |
|      | M5 x 45 PHMS, Plated                                                      | 41672        |
| 37   | 5/16"-18NC x 1-1/2" HHCS Full Thread                                      | 40271        |
|      | 5/16"-18NC Flanged Locknut                                                | 40678        |
|      | 5/16" Pushnut                                                             | FC5209       |
| 38   | 3Ø Control Box Mounting Bracket                                           | FA9155-1     |
| 39   | 3Ø Control Box w/ Push Button                                             | FA9147       |
|      | 25 Amp Contactor                                                          | FA9147-2     |
|      | Contactor Coil, 208-240V                                                  | FA9147-6     |
|      | Contactor Coil, 575V                                                      | FA9147-12    |
| 40   | 6mm Flat Washer                                                           | B41-6        |
| 41   | Rubber Stop                                                               | FC7112Y      |
| 42   | M6 x 35 Hex Head Bolt                                                     | B10-6-35     |
| 43   | M6 Hex Nut                                                                | B30-6        |

**\* Two different power units were used. Please verify your exact model number before ordering replacement parts.**

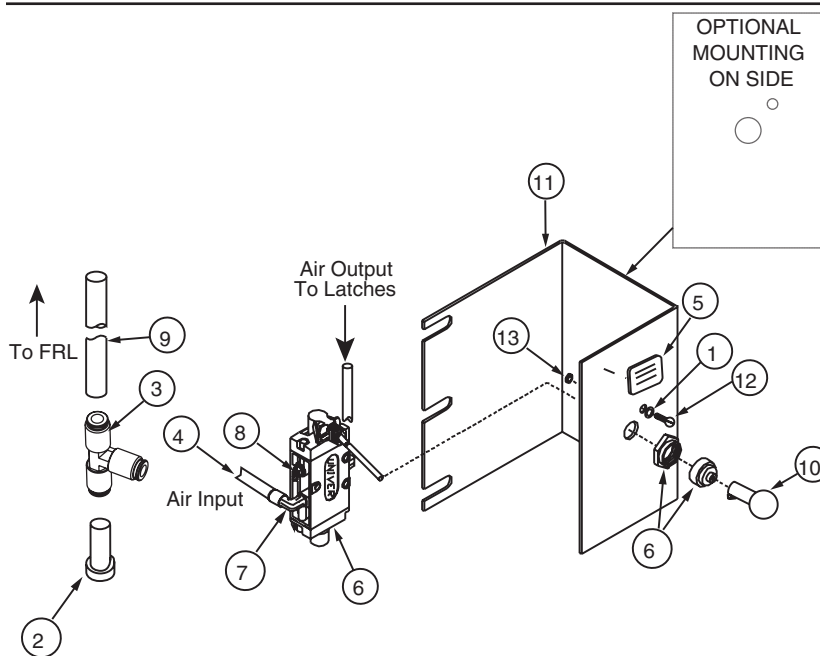


**YOKE END DETAIL**

| ITEM | DESCRIPTION                              | PART NO.                  | ITEM | DESCRIPTION                        | PART NO.                 |
|------|------------------------------------------|---------------------------|------|------------------------------------|--------------------------|
| 1    | 5/16"-18NC HHCS x 3/4" Lg.               | 40232                     | 14   | Latch                              | FC5812-29                |
| 2    | Sheave Pin Assembly                      | FC5224-21                 | 15   | Spacer                             | FC5812-28                |
| 3    | <a href="#">Sheave</a>                   | <a href="#">FC5810-10</a> | 16   | 3/8" Snap Ring TRUARC #5304-37     | 41410                    |
| 4    | Yoke Sheave Spacer                       | FC5927-10                 | 17   | Slack Cable Roller                 | FC553-21                 |
| 5    | <a href="#">Slider</a>                   | <a href="#">FC5812-10</a> | 18   | Slack Cable Latch                  | FC5812-27                |
| 6    | 1/4" 20NC HHTS x 1/2" Lg.                | 40067                     | 19   | Extension Spring                   | FC522-25                 |
| 7    | Rubber Guard                             | FC553-10                  | 20   | 1/4"-20NC x 1-1/2" HHCS            | 40081                    |
| 8    | 1/4" Plain Washer                        | 40780                     | 21   | <a href="#">Air Cylinder</a>       | <a href="#">FC5708-2</a> |
| 9    | Cotter Pin, 1/8" X 1 1/4"                | 41201                     | 22   | Elbow                              | FC5224-39                |
| 10   | Latch Shaft                              | FC5224-17                 | 23   | Clevis                             | FC5706-7                 |
| 11   | Washer                                   | FC5301-98                 | 24   | 1/4" - 28NF Hex Nut                | 40622                    |
| 12   | 1/4" Hairpin Cotter Pin (.05" dia. wire) | 41901                     | 25   | 1/8" NPT PLUG                      | FC5708-4                 |
| 13   | Clevis Pin                               | FA2230-12                 | 26   | 1/4"-20NC Hex Nylon Insert Locknut | 40642                    |

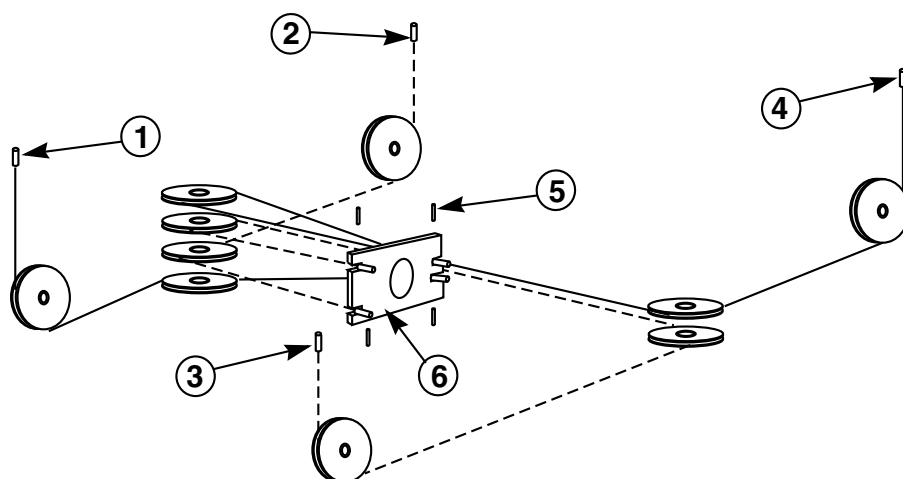


| AIRLINE DETAIL |                           |           |
|----------------|---------------------------|-----------|
| ITEM NO.       | DESCRIPTION               | PART NO.  |
| 1              | Airline Tubing (50' roll) | FA2230-2  |
| 2              | Union Tee                 | FC5225-46 |

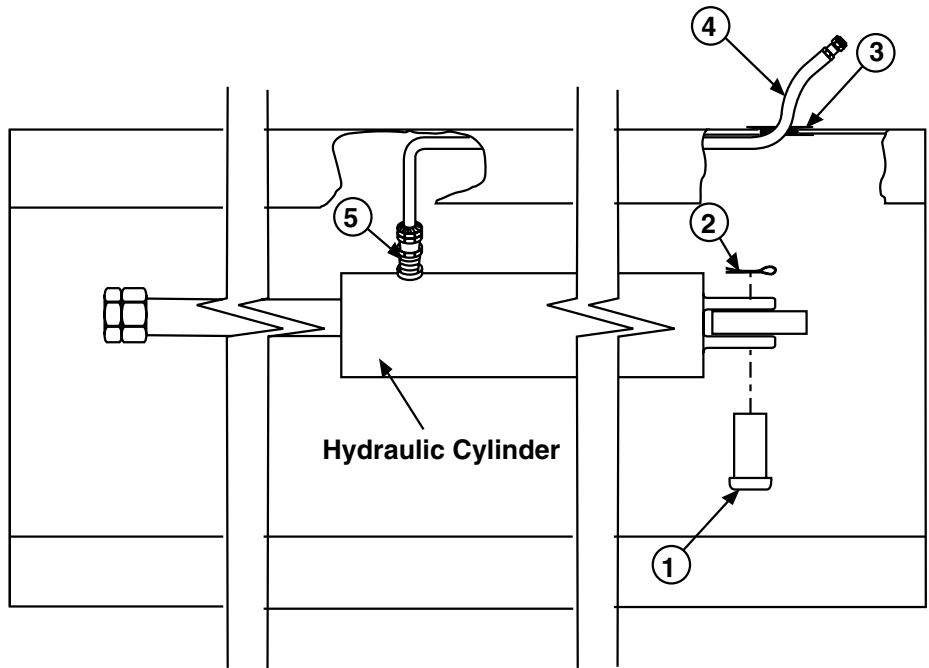
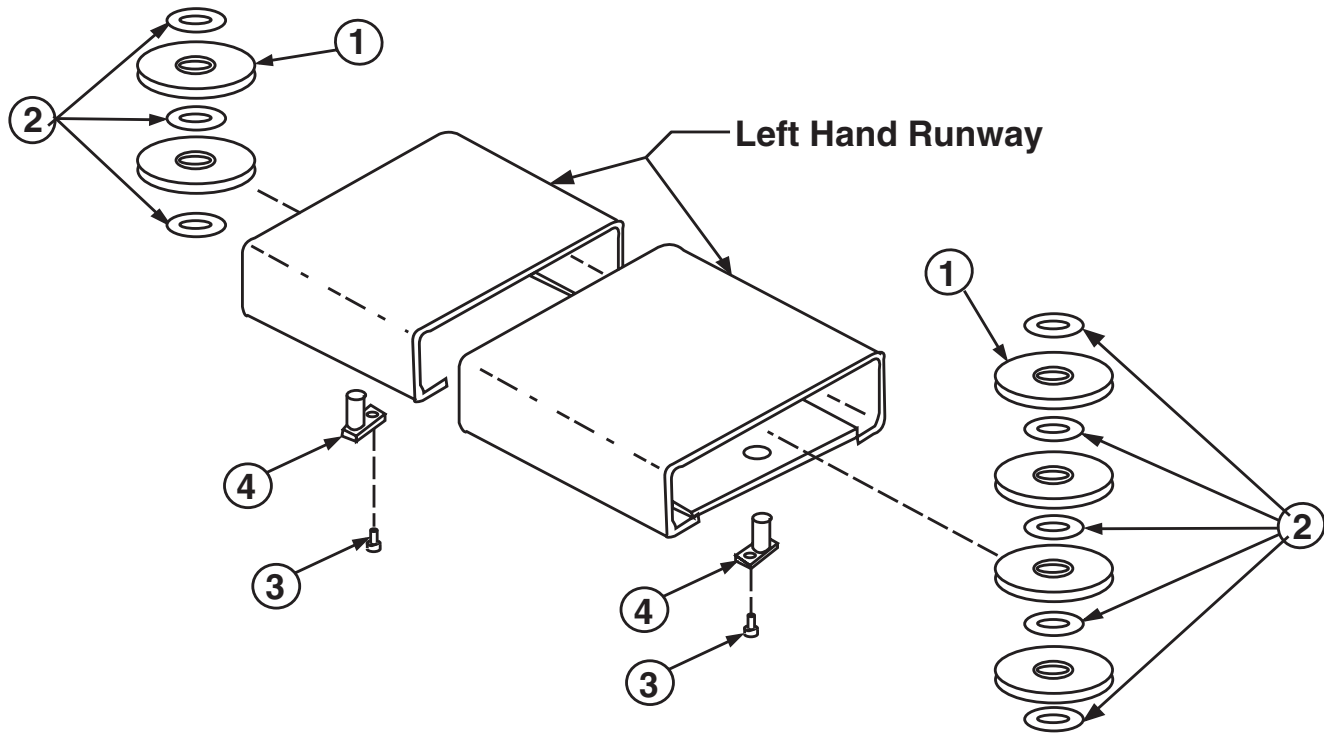


| AIR LOCK RELEASE VALVE DETAIL |                         |           |
|-------------------------------|-------------------------|-----------|
| ITEM NO.                      | DESCRIPTION             | PART NO.  |
| 1                             | #8 SAE Flat Washer      | 40788     |
| 2                             | 3/8" Plug               | FA2230-16 |
| 3                             | Union Tee               | FA2242-1  |
| 4                             | 1/4" Tubing             | FC2230-2  |
| 5                             | Nameplate               | NP280     |
| 6                             | Control Ass'y.          | T140073   |
| 7                             | Swivel Elbow            | T140074   |
| 8                             | Filter / Muffler        | T140075   |
| 9                             | 3/8" tubing (40ft roll) | FA2230-15 |
| 10                            | Air Lock Handle         | T140119   |
| 11                            | Control Bracket         | FA3217    |
| 12                            | #8-32NC x 1-1/2" PHMS   | 40007     |
| 13                            | #8-32NC Nylon Locknut   | 40649     |

| CABLES |                        |           |
|--------|------------------------|-----------|
| ITEM   | DESCRIPTION            | PART NO.  |
| 1      | Left Front Cable       | FC5810-11 |
| 2      | Right Front Cable      | FC5810-12 |
| 3      | Left Rear Cable        |           |
|        | 000/006/010/016 Series | FC5810-13 |
|        | 001/007/011/017 Series | FC5816-13 |
| 4      | Right Rear Cable       |           |
|        | 000/006/010/016 Series | FC5810-14 |
|        | 001/007/011/017 Series | FC5816-14 |
| 5      | 3/8" x 3-1/4" Roll Pin | 14464     |
| 6      | Cable Pull Bar         | FC5810-30 |

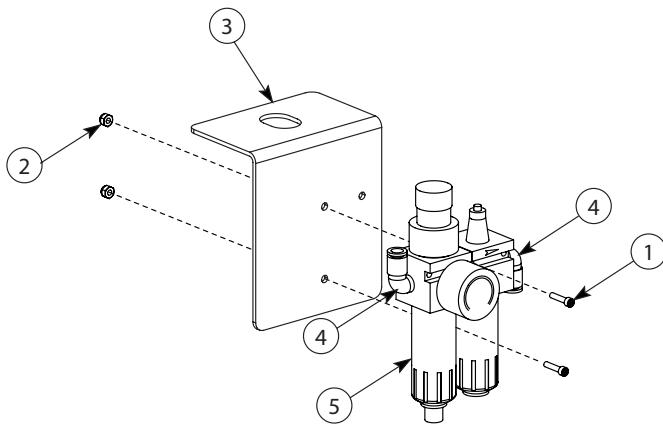


| SHEAVE DETAIL |                            |           |
|---------------|----------------------------|-----------|
| ITEM NO.      | DESCRIPTION                | PART NO.  |
| 1             | Sheave                     | FC5810-10 |
| 2             | Bearing                    | FC5225-17 |
| 3             | 5/16"-18NC x 1/2" lg. HHCS | 40401     |
| 4             | Runway Pin Assembly        | FC5810-40 |

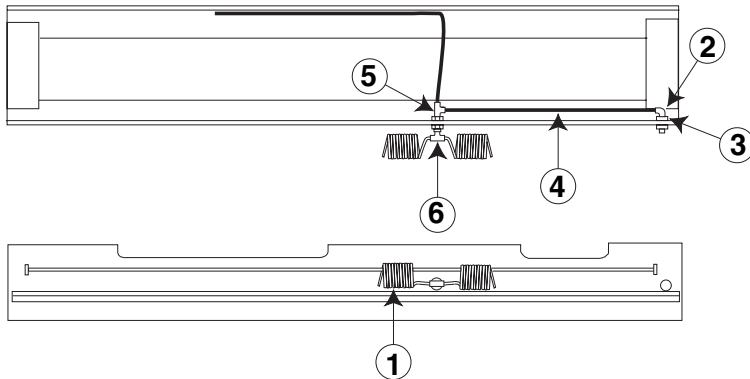


**View Beneath Runway**

| HYDRAULIC HOSE DETAIL |                           |           |
|-----------------------|---------------------------|-----------|
| ITEM                  | DESCRIPTION               | PART NO.  |
| 1                     | Cylinder Pin              | FC5810-17 |
| 2                     | 3/16" x 3" lg. Cotter Pin | 41253     |
| 3                     | Runway Grommet            | S130063   |
| 4                     | Hydraulic Hose            |           |
|                       | 000/006/010/016 Series    | FC5225-16 |
|                       | 001/007/011/017 Series    | FC5426-4  |
| 5                     | Elbow                     | FJ7224    |

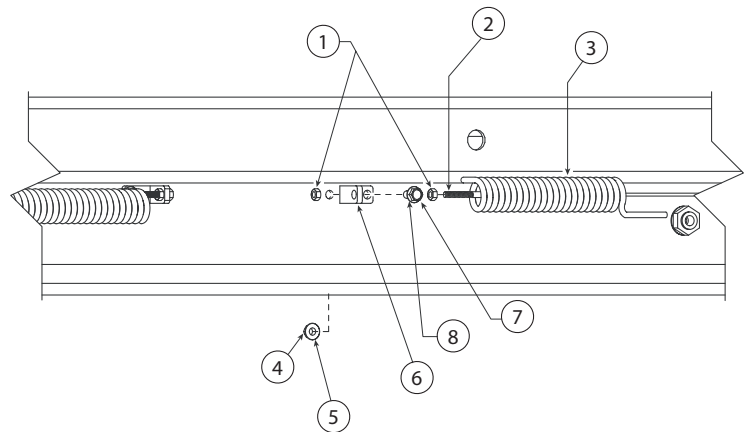


| FRL DETAIL |                             |          |
|------------|-----------------------------|----------|
| ITEM NO.   | DESCRIPTION                 | PART NO. |
| 1          | #10-24 x 3/4" Hex SHCS      | AP00027  |
| 2          | #10-24 Nylon Lock Nut       | 40811    |
| 3          | Adapter Bracket             | S120674  |
| 4          | Elbow                       | FC147-7  |
| 5          | Filter/Regulator/Lubricator | S130080  |



| INTERNAL AIRLINE PARTS |                 |          |
|------------------------|-----------------|----------|
| ITEM NO.               | DESCRIPTION     | PART NO. |
| 1                      | Recoil Hose     | FC147-14 |
| 2                      | Male Elbow      | FC147-7  |
| 3                      | Female Bulkhead | FC147-1  |
| 4                      | Runway Tubing   | FC147-6  |
| 5                      | Tubing          | FC5313-2 |
| 6                      | Male Run Tee    | FC147-3  |
| 7                      | Male Branch Tee | FC147-5  |

| Retainer Cable Detail |                                    |          |
|-----------------------|------------------------------------|----------|
| ITEM NO.              | DESCRIPTION                        | PART NO. |
| 1                     | 1/4" x 20NC Hex Nut                | 40625    |
| 2                     | Airline Retainer Cable (182"/206") | S130078  |
|                       | Airline Retainer Cable (158")      | XS130063 |
| 3                     | Recoil Hose                        | -        |
| 4                     | 3/8" Nut                           | 40660    |
| 5                     | 3/8" Lockwasher                    | 40845    |
| 6                     | Retainer Bracket                   | FC147-9  |
| 7                     | 3/8"-16NC x 3/4" Lg. HHCS          | 40130    |
| 8                     | 3/8" Flat Washer                   | 40820    |



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