

**RICE HYDRO, INC.**  
**MANUFACTURER'S OPERATING INSTRUCTIONS FOR THE**  
**HP-Series PNEUMATIC HYDROSTATIC TEST PUMPS**

**FOR WARRANTY INFORMATION CALL: 1-800-245-4777**

NOTE: Prior to testing any high pressure line, please check all connections, hoses, and fittings to assure that they are properly tightened and in good working order. No frays, tears, or cuts.

REQUIRED: Air Compressor capable of 100 PSI, up to 75 CFM.

**CONNECTING THE PUMP:**

1. Connect the high pressure hose provided, and an inlet water supply hose, unit must be fed with a pressurized water source. Position the Test Pump within 8 feet of the test environment.
2. Connect the air line from the compressor to the inlet fitting on the combination regulator/air filter.

**NOTE: AIR FILTER SHOULD BE DRAINED OF ANY WATER OR DIRT PARTICLES BEFORE, AND AFTER USE. Drain valve is located on the bottom of filter body.**

3. Check the in-line strainer for dirt and debris clean as necessary.

**OPERATING THE PUMP:**

1. Turn on the water.
2. Open the bleeder valve on the test line to bleed off excess air. NOTE: this should be done several times during the test cycle.
3. Start the compressor.
4. Once the compressor has reached operating pressure, open the outlet valve on the air compressor slowly, which will allow the air to flow to the Test Pump. Note: this outlet valve, or "shut-off valve" may come standard on your air compressor, however if it does not, a shut-off valve should be installed on your compressor for convenience & safety to the operator, prior to the testing process.
5. Set the inlet air pressure to 100 P.S.I. This will give maximum operating output pressure. To do this, adjust the air regulator, (a black knob located on the top of the inlet air filter assembly on the test pump). Pull up on the black knob and turn clockwise to increase pressure, or counter-clockwise to decrease pressure. Once the inlet air pressure is set, push down on the knob to lock it in place.
6. Start turning regulator clockwise, pressure will begin building as soon as air flows. When desired test pressure has been met, close the outlet needle valve to isolate test environment. To turn off pump while testing, turn regulator counter clockwise and decrease or stop air flow, or disconnect air compressor supply. If a pressure drop is indicated, check the following:

- a. Output hose connection at pump.
- b. Output hose connection at test line.
- c. Leaking test line or air in the test environment.

If the pressure gauge remains constant, turn off compressor and monitor gauge for your prescribed test time. When test is complete, turn off water supply, open the high pressure bleeder valve located beside the outlet port connection on the unit. Bleed off the water pressure. Repeat the above steps for multiple lines. Be sure the air pressure gauge reads zero before disconnecting the air line from pump.

**TEMPERATURE CAPABILITIES - Air inlet side of pump can handle temperatures up to 140 degrees; hydraulic side of pump can handle up to 180 degrees.**

**CAUTION: Do not allow unit to sit with hydraulic side at or 140 degrees for a length of time that would drive air side above the 140 degree maximum.**



# SOUTHERN CALIFORNIA HYDRAULIC ENGINEERING CORPORATION

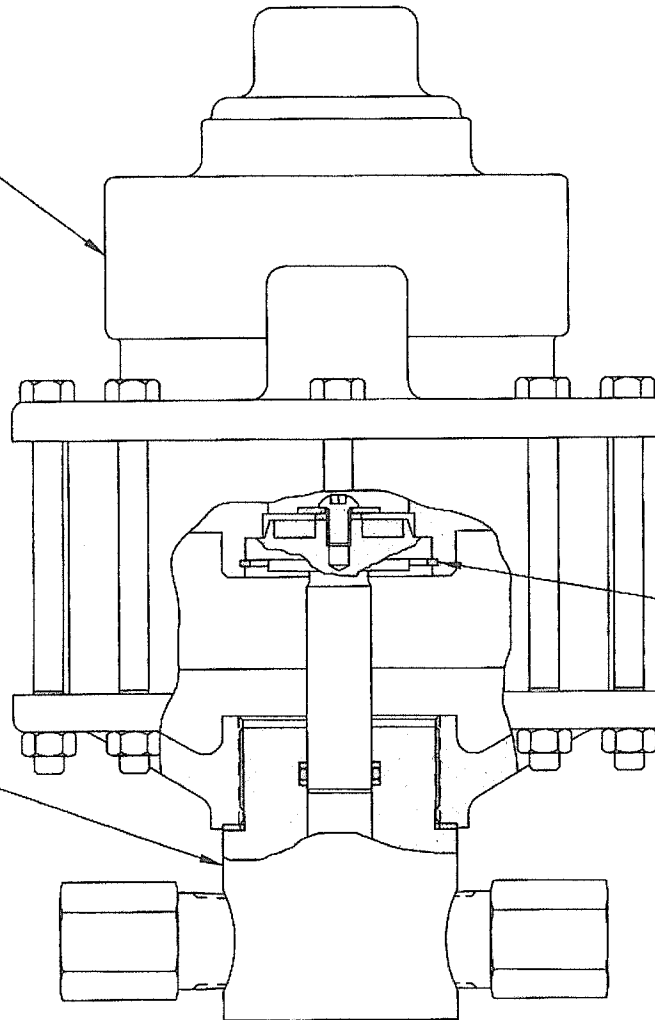
DESIGNERS AND MANUFACTURERS OF HYDRAULIC & PNEUMATIC EQUIPMENT

1130 COLUMBIA STREET BREA, CALIFORNIA 92821 [WWW.SCHYDRAULIC.COM](http://WWW.SCHYDRAULIC.COM)

## PUMP ASSEMBLY D5000B25 THRU B105

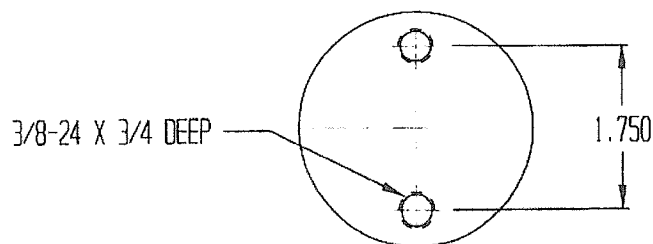
FORM D5000B25-105 REV 06/14/02

DRY LUBE AIR MOTOR ASSEMBLY  
C10521



RETAINING RING  
12-R200S000 (REF)

HYDRAULIC ASSEMBLY  
11-5026W015-(25:1)  
11-5026W018-(30:1)  
11-5026W020-(35:1)  
11-5026W030-(55:1)  
11-5026W040-(70:1)  
11-5026W045-(85:1)  
11-5026W060-(105:1)



MOUNTING DIMENSIONS



# SOUTHERN CALIFORNIA HYDRAULIC ENGINEERING CORPORATION

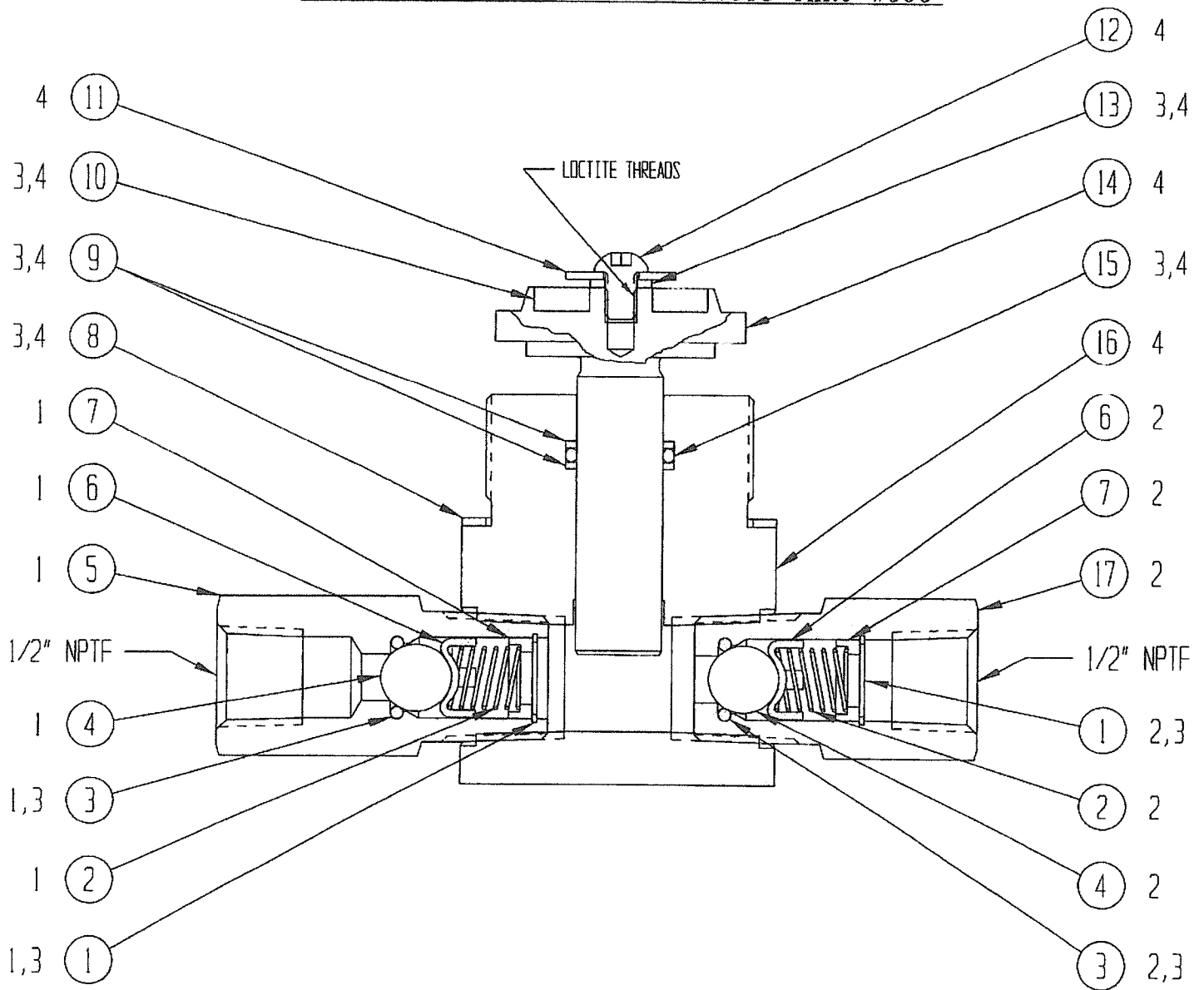
DESIGNERS AND MANUFACTURERS OF HYDRAULIC & PNEUMATIC EQUIPMENT

1130 COLUMBIA STREET BREA, CALIFORNIA 92821 WWW.SCHYDRAULIC.COM

FORM 11-5026W015-060 REV 07/09/01

25 30 35 55 70 85 105

## HYDRAULIC ASSEMBLY 11-5026W015 THRU W060



4 INCLUDED IN 11-5027WXXX<sup>\*</sup>

3 INCLUDED IN 11-5148NXXX<sup>\*</sup> HYDRAULIC REPAIR KIT

2 INCLUDED IN 11-5023S000 OUTLET CHECK VALVE ASSEMBLY

1 INCLUDED IN 11-5024S000 INLET CHECK VALVE ASSEMBLY

\* REPRESENTS PUMP ASSEMBLY RATIO NUMBER



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DESIGNERS AND MANUFACTURERS OF HYDRAULIC & PNEUMATIC EQUIPMENT

1130 COLUMBIA STREET BREA, CALIFORNIA 92821 - (714) 257-4800 - FAX (714) 257-4810 WWW.SC/HYDRAULIC.COM

BILL OF MATERIALS FILE: 10-450-026.XLS

DRAWING NUMBER & DESCRIPTION: 11-5026W015 THRU W060 HYDRAULIC ASSEMBLY

11-5026

REVISION: 09/08/03

| W015 (25:1) | W018 (30:1) | W020 (35:1) | W030 (55:1) | W040 (70:1) | W045 (85:1) | W060 (105:1) | ITEM NO | QTY | PART NO             | DESCRIPTION                | REFERENCE NO   |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------|-----|---------------------|----------------------------|----------------|
| •           | •           | •           | •           | •           | •           | •            | 1       | 2   | P10202-068          | RETAINING RING             | 12-R068S000    |
| •           | •           | •           | •           | •           | •           | •            | 2       | 2   | 11-5013S000         | SPRING                     | 10-450-13      |
| •           | •           | •           | •           | •           | •           | •            | 3       | 2   | P11003-112          | O-RING                     | 12-6227N010S   |
| •           | •           | •           | •           | •           | •           | •            | 4       | 2   | 12-0440S562         | CHECK BALL                 |                |
| •           | •           | •           | •           | •           | •           | •            | 5       | 1   | 11-5019S000         | SEAT-INLET                 | 10-450-19      |
| •           | •           | •           | •           | •           | •           | •            | 6       | 2   | 11-5034S002         | BALL GUIDE                 | 10-450-34      |
| •           | •           | •           | •           | •           | •           | •            | 7       | 2   | 11-5017S000         | SPRING GUIDE               | 10-450-17      |
| •           | •           | •           | •           | •           | •           | •            | 8       | 1   | 11-5028N000         | GASKET                     | 10-450-28      |
| •           |             |             |             |             |             |              | 9       | 2   | P11227-214          | BACK UP                    | 12-8774T019    |
|             | •           |             |             |             |             |              | 9       | 2   | P11227-213          | BACK UP                    | 12-8774T018    |
|             |             | •           |             |             |             |              | 9       | 2   | P11227-212          | BACK UP                    | 12-8774T017    |
|             |             |             | •           |             |             |              | 9       | 2   | P11227-115          | BACK UP                    | 12-8774T013    |
|             |             |             |             | •           |             |              | 9       | 2   | P11227-114          | BACK UP                    | 12-8774T012    |
|             |             |             |             |             | •           |              | 9       | 2   | P11227-113          | BACK UP                    | 12-8774T011    |
|             |             |             |             |             |             | •            | 9       | 2   | P11227-112          | BACK UP                    | 12-8774T010    |
| •           | •           | •           | •           | •           | •           | •            | 10      | 1   | 11-5051P000         | PISTON BUMPER              | 10-450-51      |
| •           | •           | •           | •           | •           | •           | •            | 11      | 1   | 12-25N87WF1Z        | FENDER WASHER              |                |
| •           | •           | •           | •           | •           | •           | •            | 12      | 1   | 12-25F37SBC45Z      | BUTTON HEAD CAP SCREW      |                |
| •           | •           | •           | •           | •           | •           | •            | 13      | 1   | 12-5001C407         | HELICAL SPRING LOCK WASHER |                |
| •           |             |             |             |             |             |              | 14      | 1   | 11-5010S015 (25:1)  | HYDRAULIC PISTON           | 10-450-10-1.5  |
|             | •           |             |             |             |             |              | 14      | 1   | 11-5010S018 (30:1)  | HYDRAULIC PISTON           | 10-450-10-1.75 |
|             |             | •           |             |             |             |              | 14      | 1   | 11-5010S020 (35:1)  | HYDRAULIC PISTON           | 10-450-10-2    |
|             |             |             | •           |             |             |              | 14      | 1   | 11-5010S030 (55:1)  | HYDRAULIC PISTON           | 10-450-10-3    |
|             |             |             |             | •           |             |              | 14      | 1   | 11-5010S040 (70:1)  | HYDRAULIC PISTON           | 10-450-10-4    |
|             |             |             |             |             | •           |              | 14      | 1   | 11-5010S045 (85:1)  | HYDRAULIC PISTON           | 10-450-10-4.5  |
|             |             |             |             |             |             | •            | 14      | 1   | 11-5010S060 (105:1) | HYDRAULIC PISTON           | 10-450-10-6    |
| •           |             |             |             |             |             |              | 15      | 1   | P11000-214          | O-RING                     | 12-6227N019    |
|             | •           |             |             |             |             |              | 15      | 1   | P11000-213          | O-RING                     | 12-6227N018    |
|             |             | •           |             |             |             |              | 15      | 1   | P11000-212          | O-RING                     | 12-6227N017    |
|             |             |             | •           |             |             |              | 15      | 1   | P11000-115          | O-RING                     | 12-6227N013    |
|             |             |             |             | •           |             |              | 15      | 1   | P11000-114          | O-RING                     | 12-6227N012    |
|             |             |             |             |             | •           |              | 15      | 1   | P11000-113          | O-RING                     | 12-6227N011    |
|             |             |             |             |             |             | •            | 15      | 1   | P11000-112          | O-RING                     | 12-6227N010    |
| •           |             |             |             |             |             |              | 16      | 1   | 11-5011B015 (25:1)  | HYDRAULIC CYLINDER         | 10-450-11-1.5  |
|             | •           |             |             |             |             |              | 16      | 1   | 11-5011B018 (30:1)  | HYDRAULIC CYLINDER         | 10-450-11-1.75 |
|             |             | •           |             |             |             |              | 16      | 1   | 11-5011B020 (35:1)  | HYDRAULIC CYLINDER         | 10-450-11-2    |
|             |             |             | •           |             |             |              | 16      | 1   | 11-5011B030 (55:1)  | HYDRAULIC CYLINDER         | 10-450-11-3    |
|             |             |             |             | •           |             |              | 16      | 1   | 11-5011B040 (70:1)  | HYDRAULIC CYLINDER         | 10-450-11-4    |
|             |             |             |             |             | •           |              | 16      | 1   | 11-5011B045 (85:1)  | HYDRAULIC CYLINDER         | 10-450-11-4.5  |
|             |             |             |             |             |             | •            | 16      | 1   | 11-5011B060 (105:1) | HYDRAULIC CYLINDER         | 10-450-11-6    |
| •           | •           | •           | •           | •           | •           | •            | 17      | 1   | 11-5020S000         | SEAT-OUTLET                | 10-450-11-20   |

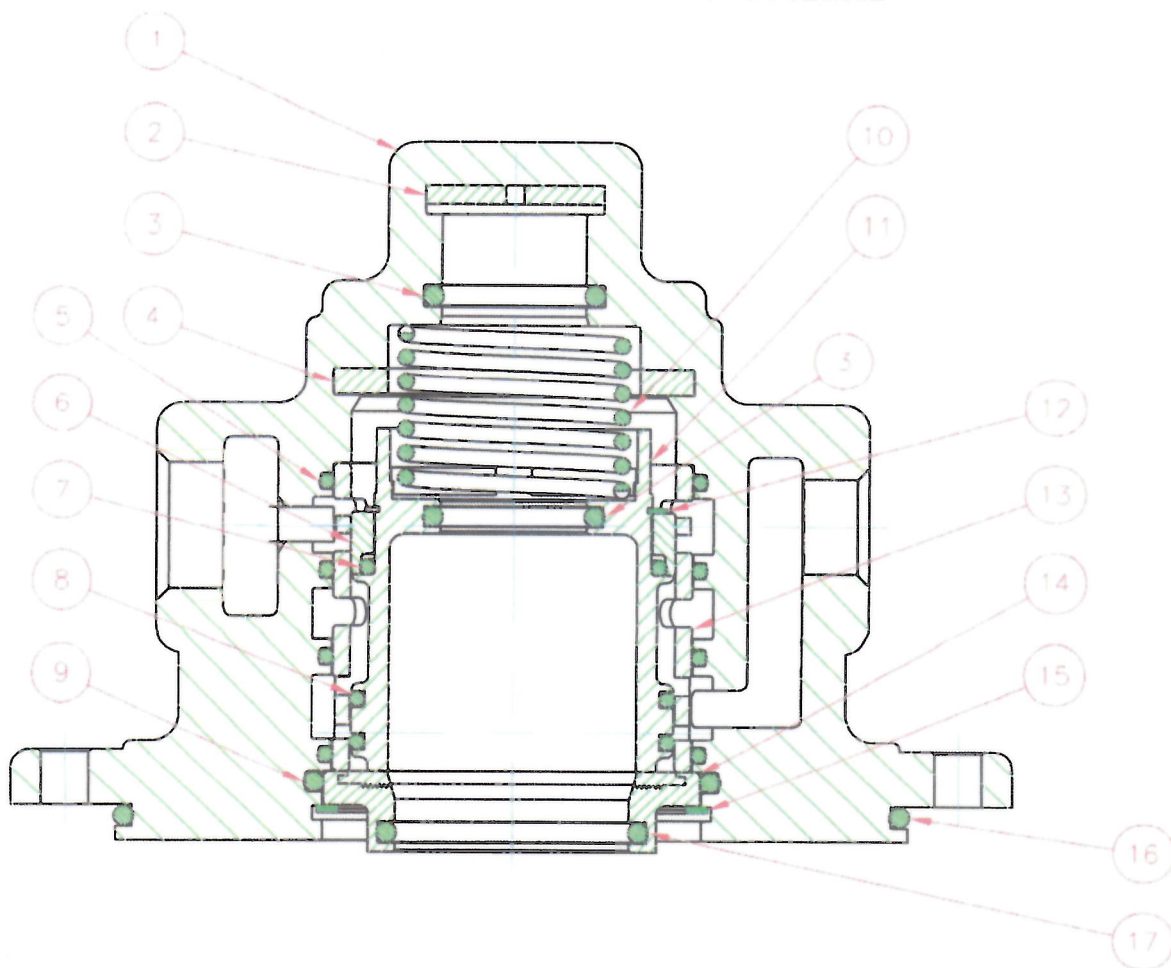
Where used:  
 10-5000W015-W060  
 D5000B25-B105  
 D5000B25-SPO-B105-SPO



# *SOUTHERN CALIFORNIA HYDRAULIC ENGINEERING CORPORATION*

*Designer and Manufacturers of Hydraulic & Pneumatic Equipment*

1130 COLUMBIA STREET, BREA, CALIFORNIA 92821 — WWW.SCHYDRAULIC.COM



## **HEAD ASSEMBLY (D5-DRY LUBE) - C10522**

(Sheet 1 of 1) REV. A 09/15/04, C. MONTAGUE

| ITEM | DESCRIPTION      | PART NUMBER | QTY | PACKING SET | REPAIR KIT |
|------|------------------|-------------|-----|-------------|------------|
| 1    | HEAD             | 11-5112A000 | 1   |             |            |
| 2    | BUMPER           | 11-5012N000 | 1   |             |            |
| 3    | O-RING           | P11000-214  | 2   | X           | X          |
| 4    | BUMPER           | 11-5057P000 | 1   |             | X          |
| 5    | O-RING           | P11000-144  | 4   |             |            |
| 6    | SEAL - DRY       | D10684      | 1   |             | X          |
| 7    | O-RING           | P11000-135  | 1   | X           | X          |
| 8    | O-RING           | P11003-137  | 2   | X           | X          |
| 9    | O-RING           | P11000-137  | 2   | X           | X          |
| 10   | SPRING           | 11-5005001  | 1   |             |            |
| 11   | PISTON - APA     | D01818      | 1   |             |            |
| 12   | RETAINING RING   | P10263-193  | 1   |             | X          |
| 13   | SLEEVE - APA     | D10264      | 1   |             |            |
| 14   | BEARING ASSEMBLY | 11-5047N000 | 1   |             |            |
| 15   | RETAINING RING   | 12-R262S000 | 1   |             |            |
| 16   | O-RING           | P11000-252  | 1   | X           | X          |
| 17   | O-RING           | P11000-223  | 1   | X           | X          |



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**BILL OF MATERIALS** FILE: C10521.XLS

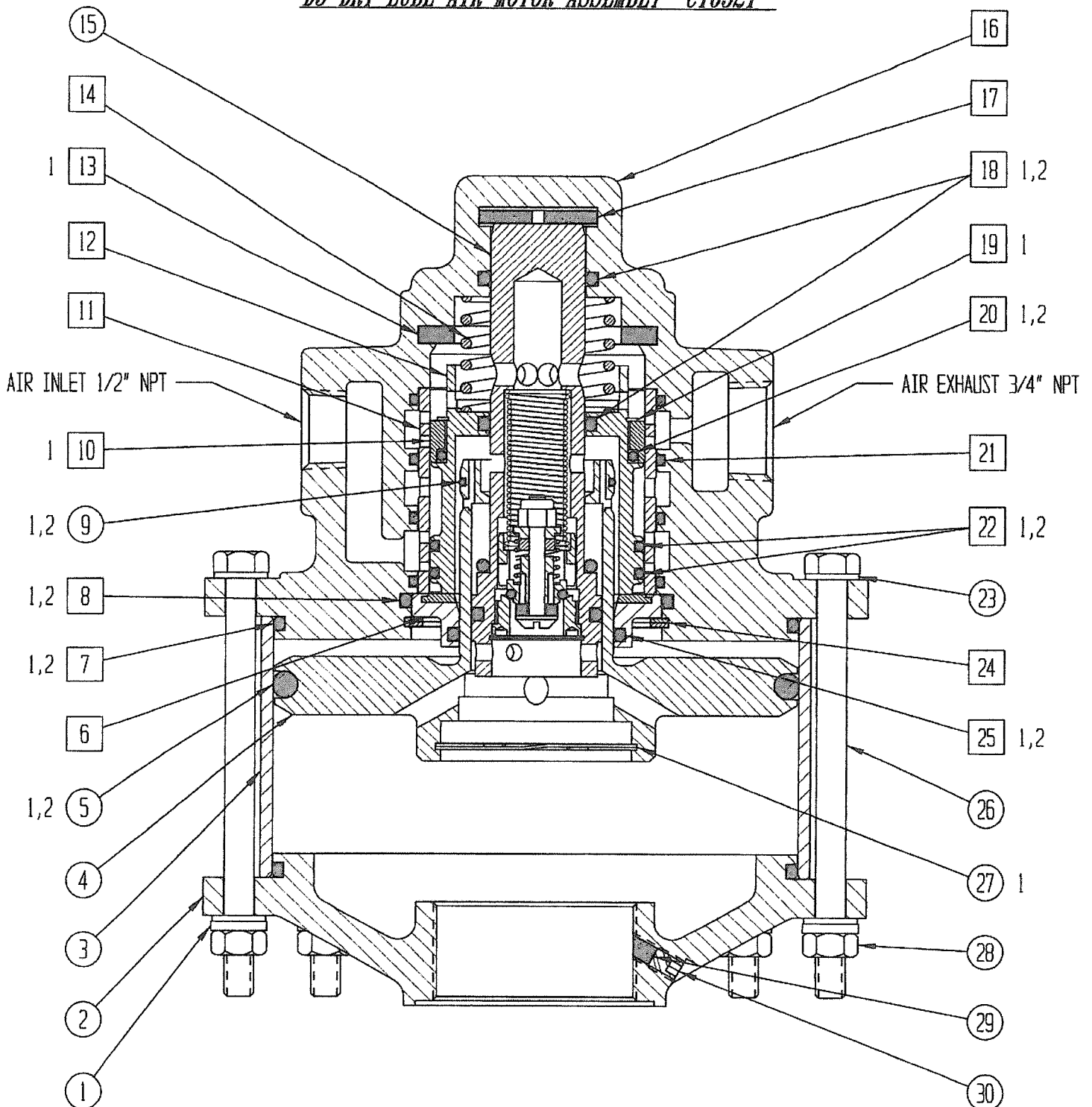
**DRAWING NUMBER & DESCRIPTION:** C10521 D5 DRY LUBE AIR MOTOR ASSEMBLY

**REVISION:** 07/24/06

| ITEM NO | QTY | PART NO     | DESCRIPTION          | REFERENCE NO  |
|---------|-----|-------------|----------------------|---------------|
| 1       | 8   | P10212-031  | WASHER-LOCK          |               |
| 2       | 1   | 11-5007A000 | END                  | 10-450-7      |
| 3       | 1   | 11-5181P000 | CYLINDER-AIR         | 10-450-181    |
| 4       | 1   | 11-5048A000 | PISTON-AIR           | 10-450-48     |
| 5       | 1   | P11000-429  | O-RING               | 12-6227N056   |
| 6       | 1   | 11-5047N000 | BEARING ASSEMBLY     | 10-450-47     |
| 7       | 2   | P11000-252  | O-RING               | 12-6230N030   |
| 8       | 1   | P11000-231  | O-RING               | 12-6230N009   |
| 9       | 1   | P11000-028  | O-RING               | 12-8775N028   |
| 10      | 1   | D10684      | SEAL-DRY             |               |
| 11      | 1   | D10264      | SLEEVE-APA           |               |
| 12      | 1   | D10818      | PISTON-APA           |               |
| 13      | 1   | 11-5057P000 | BUMPER               | 10-450-57     |
| 14      | 1   | 11-5005M001 | SPRING               | 10-450-5-1    |
| 15      | 1   | 11-5060A000 | PILOT VALVE ASSEMBLY | 10-450-60     |
| 16      | 1   | 11-5112A000 | HEAD                 | 10-450-112    |
| 17      | 1   | 11-5012N000 | BUMPER               | 10-450-12     |
| 18      | 2   | P11000-214  | O-RING               | 12-6227N019   |
| 19      | 1   | P10263-193  | RETAINING RING       |               |
| 20      | 1   | P11000-135  | O-RING               |               |
| 21      | 4   | P11000-144  | O-RING               | 12-8775N144   |
| 22      | 2   | P11003-137  | O-RING               |               |
| 23      | 16  | P10214-031  | WASHER-FLAT          |               |
| 24      | 1   | 12-R262S000 | RETAINING RING       | RRT-262       |
| 25      | 1   | P11000-223  | O-RING               | 12-6230N001   |
| 26      | 8   | P10231      | BOLT-HEX             |               |
| 27      | 1   | 12-R200S000 | RETAINING RING       | RRT-200       |
| 28      | 8   | 12-31CNFH1Z | NUT-HEX              |               |
| 29      | 1   | 11-5172N000 | PLUG                 | 10-450-172    |
| 30      | 1   | P10238      | SET SCREW-HEX SOCKET | 12-25C313CPSS |



**D5 DRY LUBE AIR MOTOR ASSEMBLY C10521**



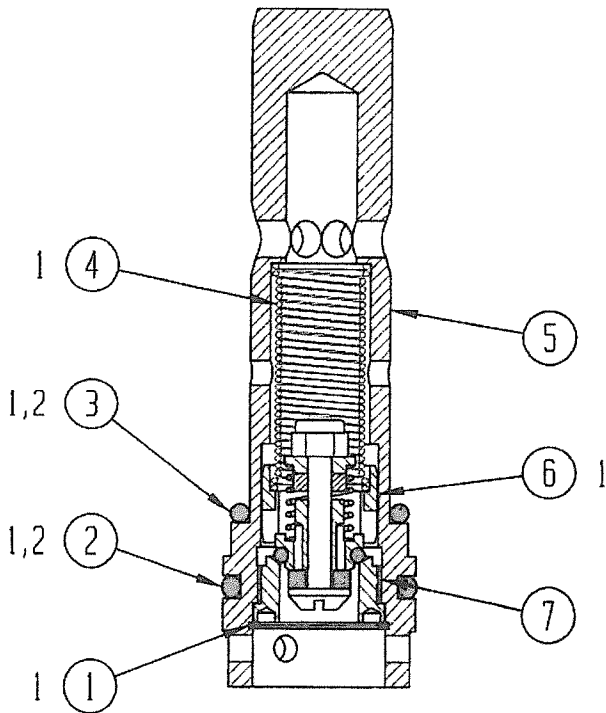
2 INCLUDED IN R10103 AIR MOTOR PACKING SET

1 INCLUDED IN R10102 AIR MOTOR REPAIR KIT

XX INCLUDED IN C10522 HEAD ASSEMBLY



## PILOT VALVE ASSEMBLY 11-5060A000

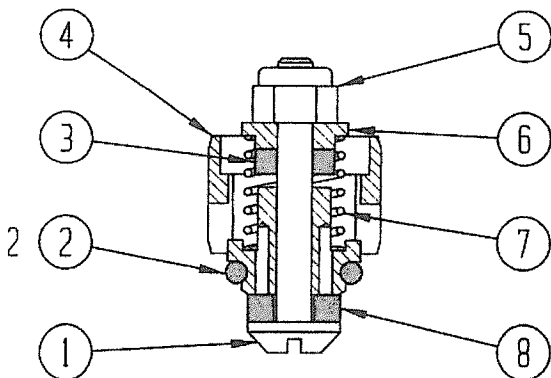


|          |     |             |                |             |
|----------|-----|-------------|----------------|-------------|
| 7        | 1   | 11-5024A403 | SEAT           | 10-403-24   |
| 6        | 1   | 11-5032X403 | AIR CHECK ASSY | 10-403-32   |
| 5        | 1   | 11-5049A000 | VALVE BODY     | 10-450-49   |
| 4        | 1   | 11-5016M000 | SPRING         | 10-450-16   |
| 3        | 1   | P11000-214  | O-RING         | 12-6227N019 |
| 2        | 1   | P11000-216  | O-RING         | 12-6227N021 |
| 1        | 1   | 12-R093S000 | RETAINING RING | RRT-93      |
| ITEM NO. | QTY | PART NO.    | DESCRIPTION    | REF NO.     |

2 INCLUDED IN R10103 AIR MOTOR PACKING SET

1 INCLUDED IN R10102 AIR MOTOR REPAIR KIT

## AIR CHECK ASSEMBLY 11-5032X403



|          |     |              |             |             |
|----------|-----|--------------|-------------|-------------|
| 8        | 1   | 11-5025N403  | WASHER      | 10-403-25   |
| 7        | 1   | 11-5015M000  | SPRING      | 10-450-15   |
| 6        | 1   | 11-5039S000  | RETAINER    | 10-450-39   |
| 5        | 1   | 12-2104A4008 | NUT         |             |
| 4        | 1   | 11-5171X000  | VALVE BODY  | 10-450-171  |
| 3        | 1   | 11-5043N000  | WASHER      | 10-450-43   |
| 2        | 1   | P11000-111   | O-RING      | 12-6227N009 |
| 1        | 1   | 11-5056A000  | SCREW       | 10-450-56   |
| ITEM NO. | QTY | PART NO.     | DESCRIPTION | REF NO.     |

PARTS BREAKDOWN FOR MODEL HP-10  
RICE HYDRO, INC. (SC PUMP)

| REF#..                                      | PART NUMBER..     | DESCRIPTION..              | QTY |
|---------------------------------------------|-------------------|----------------------------|-----|
| <u>HYDRAULIC ASSEMBLY:</u>                  |                   |                            |     |
| 1                                           | SC-P10202-068     | RETAINING RING             | 2   |
| 2                                           | SC-11-5013S000    | SPRING                     | 2   |
| 3                                           | SC-P11003-112     | O-RING                     | 2   |
| 4                                           | SC-12-0440S562    | CHECK BALL                 | 1   |
| 5                                           | SC-11-5019S000    | SEAT-INLET                 | 2   |
| 6                                           | SC-11-5034S002    | BALL GUIDE                 | 2   |
| 7                                           | SC-11-5017S000    | SPRING GUIDE               | 1   |
| 8                                           | SC-11-5028N000    | GASKET                     | 2   |
| 9                                           | SC-P11227-112     | BACK UP                    | 1   |
| 10                                          | SC-11-5051P000    | PISTON BUMPER              | 1   |
| 11                                          | SC-12-25N87WF1Z   | FENDER WASHER              | 1   |
| 12                                          | SC-12-25F37SBC45Z | BUTTON HEAD CAP SCREW      | 1   |
| 13                                          | SC-12-5001C407    | HELICAL SPRING LOCK WASHER | 1   |
| 14                                          | SC-11-5010S060    | HYDRAULIC PISTON           | 1   |
| 15                                          | SC-P11000-112     | O-RING                     | 1   |
| 16                                          | SC-11-5011B060    | HYDRAULIC CYLINDER         | 1   |
| 17                                          | SC-11-5020S000    | SEAT OUTLET                | 1   |
| <u>AIR MOTOR ASSEMBLY:</u>                  |                   |                            |     |
| 1                                           | SC-P10212-031     | WASHER-LOCK                | 8   |
| 2                                           | SC-11-5007A000    | END                        | 1   |
| 3                                           | SC-11-5181P000    | CYLINDER-AIR               | 1   |
| 4                                           | SC-11-5048A000    | PISTON-AIR                 | 1   |
| 5                                           | SC-P11000-429     | O-RING                     | 1   |
| 6                                           | SC-11-5047N000    | BEARING ASSEMBLY           | 1   |
| 7                                           | SC-P11000-252     | O-RING                     | 2   |
| 8                                           | SC-P11000-231     | O-RING                     | 1   |
| 9                                           | SC-P11000-028     | O-RING                     | 1   |
| 10                                          | SC-D10684         | SEAL-DRY                   | 1   |
| 11                                          | SC-D10264         | SLEEVE-APA                 | 1   |
| 12                                          | SC-D10818         | PISTON-APA                 | 1   |
| 13                                          | SC-11-5057P000    | BUMPER                     | 1   |
| 14                                          | SC-11-5005M001    | SPRING                     | 1   |
| 15                                          | SC-11-5060A000    | PILOT VALVE ASSEMBLY       | 1   |
| 16                                          | SC-11-5112A000    | HEAD                       | 1   |
| 17                                          | SC-11-5012N000    | BUMPER                     | 1   |
| 18                                          | SC-P11000-214     | O-RING                     | 2   |
| 19                                          | SC-P10263-193     | RETAINING RING             | 1   |
| 20                                          | SC-P11000-135     | O-RING                     | 1   |
| 21                                          | SC-P11000-144     | O-RING                     | 4   |
| 22                                          | SC-P11003-137     | O-RING                     | 2   |
| 23                                          | SC-P10214-031     | WASHER-FLAT                | 16  |
| 24                                          | SC-12-R262S000    | RETAINING RING             | 1   |
| 25                                          | SC-P11000-223     | O-RING                     | 1   |
| 26                                          | SC-P10231         | BOLT-HEX                   | 8   |
| 27                                          | SC-12-R200S000    | RETAINING RING             | 1   |
| 28                                          | SC-12-31CNFH1Z    | NUT-HEX                    | 8   |
| 29                                          | SC-11-5172N000    | PLUG                       | 1   |
| 30                                          | SC-P10238         | SET SCREW-HEX SOCKET       | 1   |
| <u>PILOT VALVE ASSEMBLY #SC-11-5060A000</u> |                   |                            |     |
| 1                                           | SC-12-R093S000    | RETAINING RING             | 1   |
| 2                                           | SC-P11000-216     | O-RING                     | 1   |
| 3                                           | SC-P11000-214     | O-RING                     | 1   |
| 4                                           | SC-11-5016M000    | SPRING                     | 1   |
| 5                                           | SC-11-5049A000    | VALVE BODY                 | 1   |
| 6                                           | SC-11-5032X403    | AIR CHECK ASSY             | 1   |
| 7                                           | SC-11-5024A403    | SEAT                       | 1   |

PARTS BREAKDOWN FOR MODEL HP-10  
RICE HYDRO, INC. (SC PUMP)

| REF#..                                       | PART NUMBER..      | DESCRIPTION..                     | QTY |
|----------------------------------------------|--------------------|-----------------------------------|-----|
| <u>AIR CHECK ASSEMBLY #SC11-5032X403</u>     |                    |                                   |     |
| 1                                            | SC-11-5056A000     | SCREW                             | 1   |
| 2                                            | SC-P11000-111      | O-RING                            | 1   |
| 3                                            | SC-11-5043N000     | WASHER                            | 1   |
| 4                                            | SC-11-5171X000     | VALVE BODY                        | 1   |
| 5                                            | SC-12-2104A4D08    | NUT                               | 1   |
| 6                                            | SC-11-5039S000     | RETAINER                          | 1   |
| 7                                            | SC-1-5015M000      | SPRING                            | 1   |
| 8                                            | SC-11-5025N403     | WASHER                            | 1   |
| <u>HEAD ASSEMBLY (D5 DRY LUBE) - #C10522</u> |                    |                                   |     |
| 1                                            | SC-11-5112A000     | HEAD                              | 1   |
| 2                                            | SC-11-5012N000     | BUMPER                            | 1   |
| 3                                            | SC-P11000-214      | O-RING                            | 2   |
| 4                                            | SC-11-5057P000     | BUMPER                            | 1   |
| 5                                            | SC-P11000-144      | O-RING                            | 4   |
| 6                                            | SC-D10684          | SEAL - DRY                        | 1   |
| 7                                            | SC-P11000-135      | O-RING                            | 1   |
| 8                                            | SC-P11003-137      | O-RING                            | 2   |
| 9                                            | SC-P11000-137      | O-RING                            | 2   |
| 10                                           | SC-11-5005001      | SPRING                            | 1   |
| 11                                           | SC-D01818          | PISTON - APA                      | 1   |
| 12                                           | SC-P10263-193      | RETAINING RING                    | 1   |
| 13                                           | SC-D10264          | SLEEVE - APA                      | 1   |
| 14                                           | SC-11-5047N000     | BEARING ASSEMBLY                  | 1   |
| 15                                           | SC-12-R262S000     | RETAINING RING                    | 1   |
| 16                                           | SC-P11000-252      | O-RING                            | 1   |
| 17                                           | SC-P11000-223      | O-RING                            | 1   |
| <u>KITS &amp; ASSEMBLIES:</u>                |                    |                                   |     |
|                                              | SC-11-5142NDLO     | AIR MOTOR REPAIR KIT D5           | 1   |
|                                              | SC-11-5148N060     | HYDRAULIC REPAIR KIT              | 1   |
|                                              | SC-11-5024S000     | INLET CHECKVALVE ASSY             | 1   |
|                                              | SC-11-5023S000     | OUTLET CHECKVALVE ASSY            | 1   |
| <u>MISC SECTION:</u>                         |                    |                                   |     |
|                                              | NEEDLEVALVE-1/4    | BLEEDVALVE                        | 1   |
|                                              | LINESTRAINER-1/2   | MXM 100 MESH                      | 1   |
|                                              | GAUGE-10,000       | 2 1/2" SS LIQUID FILLED           | 1   |
|                                              | NEEDLEVALVE-10,000 | HIGH PRESSURE VALVE/BLACK HANDLE  | 1   |
|                                              | NEEDLEVALVE-10K    | HIGH PRESSURE VALVE/SILVER HANDLE | 1   |
|                                              | HOSE-3/8X8'10000   | 8 FOOT HIGH PRESSURE HOSE         | 1   |
|                                              | FILTER-HP-3/8      | FILTER REGULATOR W/GAUGE          | 1   |
|                                              | MUFFLER-HP10-3/4   | 3/4 MUFFLER                       | 1   |
|                                              | PUMP-D5000B105     | 10,000 PSI PNEUMATIC PUMP         | 1   |

\*\*\*PRICES SUBJECT TO CHANGE WITHOUT NOTICE\*\*\*

REV. DATE 10/14/14

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