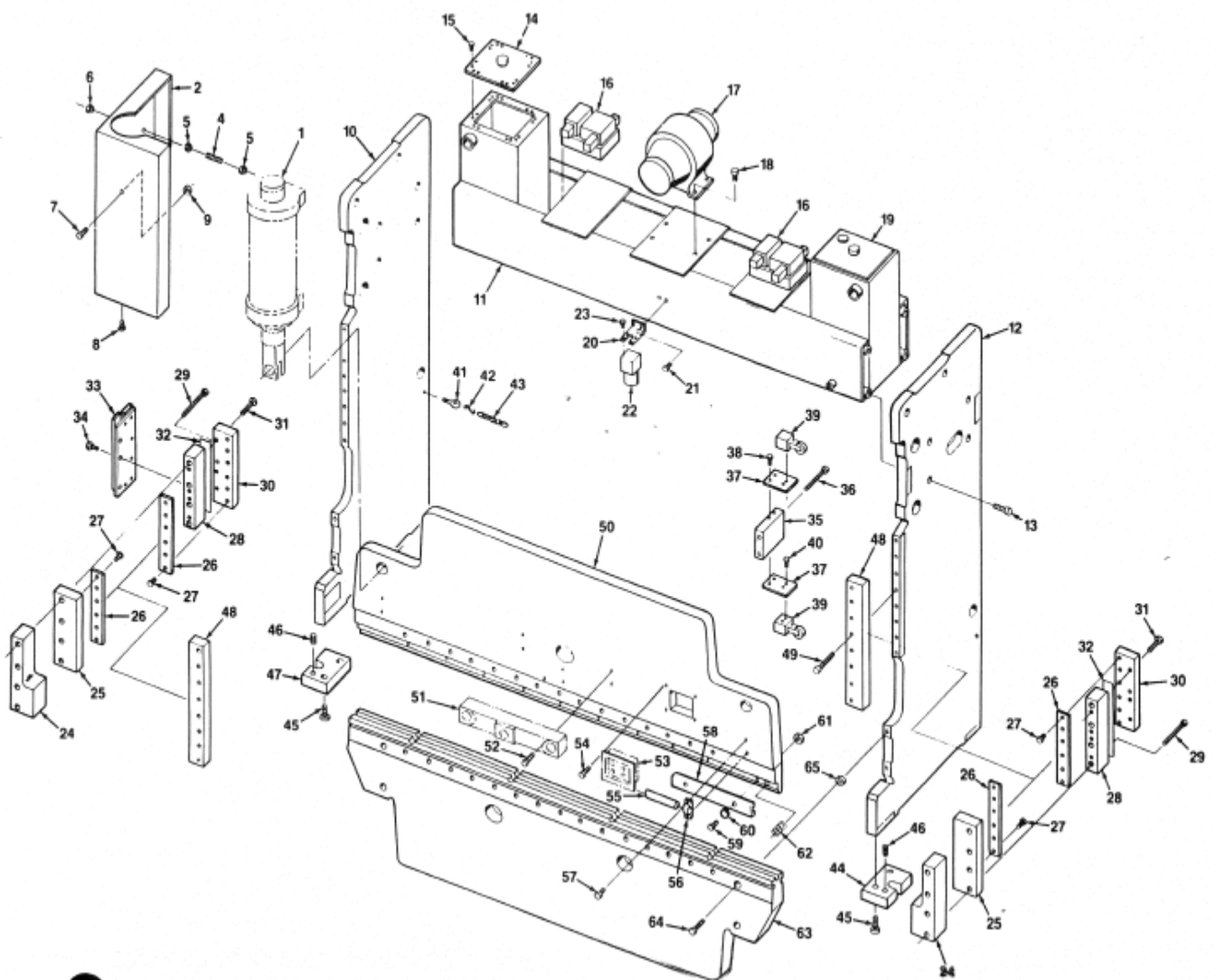
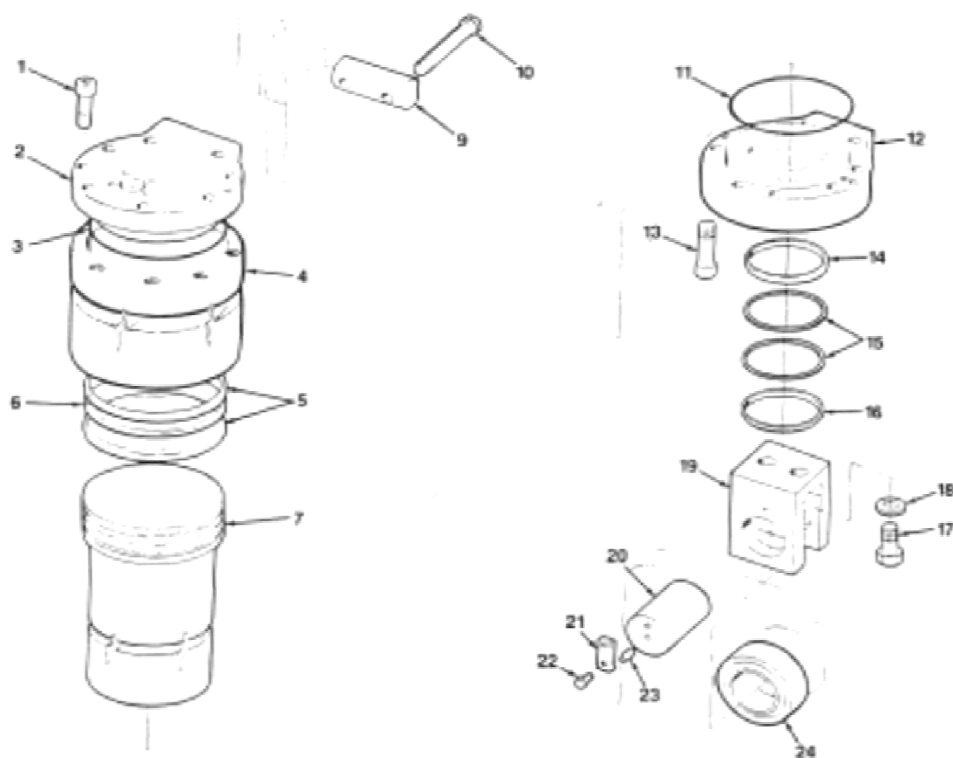




FRAME ASSEMBLY

- | | |
|---|---------------------------------|
| 1. Cylinder (see separate part list) | 34. Encoder Mounting Screw |
| 2. L.H. Cylinder Cover | 35. Spacer |
| 3. R.H. Cylinder Cover (not shown) | 36. Spacer Mounting Screw |
| 4. Threaded Rod | 37. Limit Switch Bracket |
| 5. Hex Jam Nut | 38. Bracket Screw |
| 6. Nut | 39. Limit Switch |
| 7. Screw | 40. Limit Switch Mounting Screw |
| 8. Screw | 41. Eye Bolt |
| 9. Spacer | 42. 'S' Hook |
| 10. L.H. Housing | 43. Chain |
| 11. Housing Cross Tie | 44. R.H. Housing Foot |
| 12. R.H. Housing | 45. Screw |
| 13. Cross Tie Screw | 46. Set Screw |
| 14. L.H. Reservoir Cover | 47. L.H. Housing Foot |
| 15. Cover Screw | 48. Housing Gib |
| 16. Manifold Assembly | 49. Housing Gib Mounting Screw |
| 17. Motor | 50. Ram |
| 18. Motor Mounting Screw | 51. Operator Station |
| 19. R.H. Reservoir Cover | 52. Screw |
| 20. Filter Mounting Bracket | 53. Ram Direction Control |
| 21. Bracket Screw | 54. Screw |
| 22. Filter | 55. Safety Rail |
| 23. Filter Mounting Screw | 56. Bracket |
| 24. Inner Gib Spacer | 57. Screw |
| 25. Center Gib Spacer | 58. Clamp Bar |
| 26. Gib Liner | 59. Screw |
| 27. Liner Mounting Screw | 60. Washer |
| 28. Outer Gib Spacer | 61. Allen Nut |
| 29. Gib Spacer Mounting Screw | 62. Spring |
| 30. Ram Gib | 63. Bed |
| 31. Ram Gib Mounting Screw | 64. Bed Mounting Screw |
| 32. Shim | 65. Bed Spacer |
| 33. Encoder Assembly (see separate part list) | |

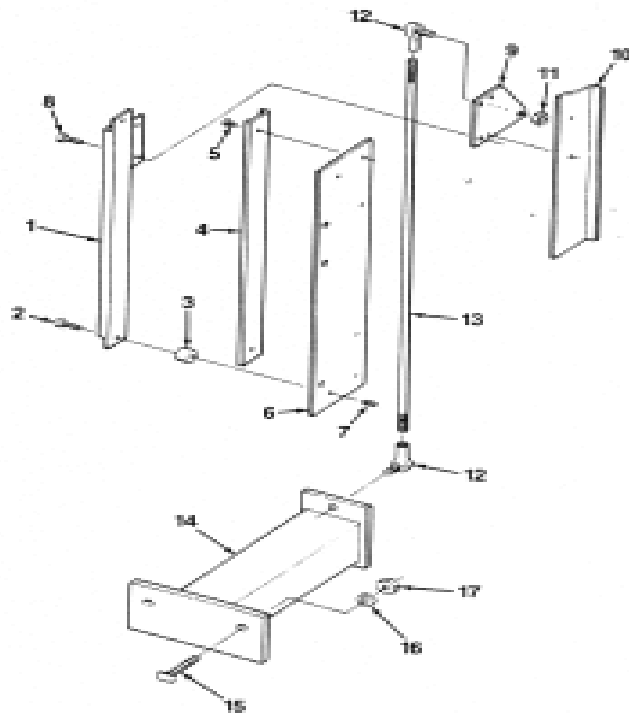
CYLINDER ASSEMBLY



1. Cap Screw
2. L.H. Upper Cap
3. "O" Ring
4. Cylinder
5. Wear Ring
6. Piston Seal
7. Piston
8. R.H. Upper Cap (not shown)
9. Cylinder Mounting Pin
10. Hex Head Bolt
11. "O" Ring
12. Lower Cap

13. Cap Screw
14. Rod Bearing
15. Rod Seal
16. Wiper Ring
17. Bolt
18. Washer
19. Ram Clevis
20. Ram Clevis Pin
21. Pin Lock
22. Bolt
23. Grease Fitting
24. Bearing

ENCODER ASSEMBLY



- 1. Linear Scale
- 2. Scale Mounting Screw
- 3. Spacer
- 4. Side
- 5. Slide Screw
- 6. Encoder Mounting Plate
- 7. Set Screw
- 8. Screw
- 9. Scanning Head Mounting Plate

- 10. Cover
- 11. Hex Nut
- 12. Ball Joint Rod End
- 13. Rod
- 14. Bed Reference Bracket
- 15. "V" Head Bolt
- 16. Washer
- 17. Hex Nut