

ROLAIR

SCHEMATIC FOR PMP22K50

Production Starting 1/00

30502400CH

37304180CH

3290415ACH

3290416ACH

30502700CH

37403780CH
37503770CH
31004050CH

37304240CH
37508130CH
30403750CH
30503740CH
30303730CH
30303720CH

30203710CH
33103700CH

BLSQPL0250

37304180CH
32904150CH
32904160CH
30504210CH
36904200CH
37307570CH
31203990CH
31203970CH
31203950CH

31204520CH
37603900CH
31203920CH

31103880CH
37303890CH
37500320CH
37403870CH

31103690CH

37304100CH
37504110CH
31304090CH

30504190CH

37400450CH
35602350CH
35602380CH
35604120CH

30504190CH

37304130CH

37302470CH

35604140CH

32904170CH

37304130CH

37302470CH

35604140CH

32904170CH

30504080CH

32703670CH

30504070CH

32704060CH

32703670CH

32702400CH

30504030CH

37304020CH

37504230CH

31604010CH

31204000CH

31203980CH

31203960CH

31203940CH

37603900CH

31203910CH

31103860CH

30503820CH

36503650CH

3050016ACH

Production Starting 1/00

30502400CH

3290417ACH

30303720CH

36500300CH

3050016ACH

30403790CH

37508130CH

37304240CH

30503740CH

36504450CH

30504440CH




ROLAIR SYSTEMS

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www.rolair.com

PARTS LIST FOR PMP22K50

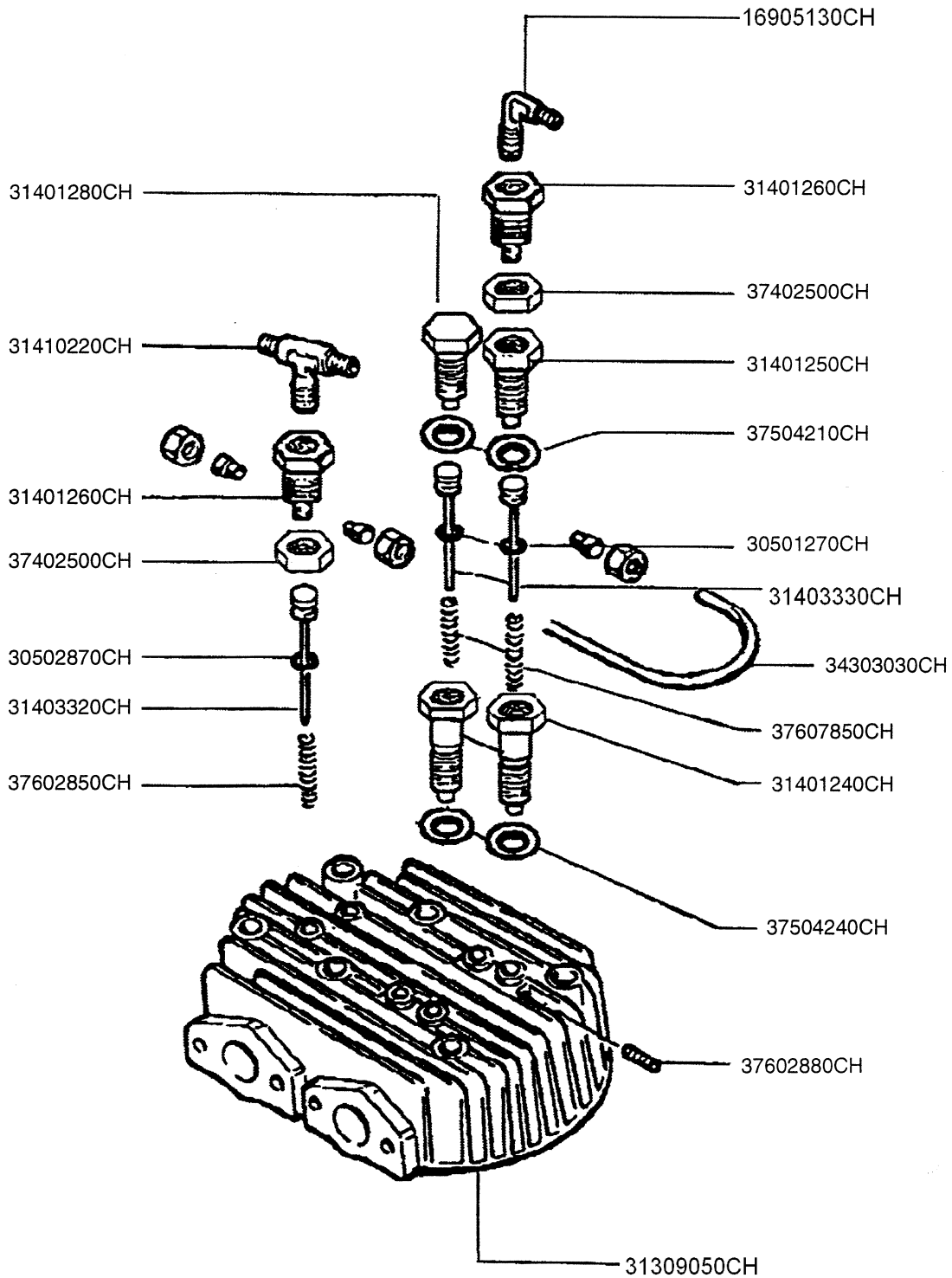
| Description | Part # | Qty. | Description | Part # | Qty. |
|--------------------------------|------------|------|--|------------|------|
| Crankshaft | 30203710CH | 1 | Filter Cover | 35602350CH | 1 |
| Bearing | 30303720CH | 2 | Filter Element | 35602380CH | 1 |
| Oil Seal | 30303730CH | 1 | Filter Base | 35604120CH | 1 |
| Bearing Carrier | 30403750CH | 1 | Elbow | 35604140CH | 1 |
| Bearing Carrier | 30403790CH | 1 | 3/8" Breather/Oil Fill Plug | 36500300CH | 1 |
| Gasket | 3050016ACH | 2 | Oil Fill Plug | 36503650CH | 1 |
| Gasket | 30503740CH | 2 | Sight Gauge | 36504450CH | 1 |
| Gasket | 30503820CH | 1 | Connector | 36904200CH | 1 |
| Gasket | 30504030CH | 1 | Bolt | 37302470CH | 2 |
| Gasket | 30504070CH | 1 | Bolt | 37303890CH | 4 |
| Gasket | 30504080CH | 1 | Bolt | 37304020CH | 6 |
| Gasket | 30504190CH | 3 | Bolt | 37304100CH | 6 |
| Gasket | 30504210CH | 2 | Tension Rod | 37304130CH | 1 |
| Gasket | 30504440CH | 1 | Bolt | 37304180CH | 4 |
| Flywheel | 31004050CH | 1 | Bolt | 37304240CH | 12 |
| Connecting Rod w/Upper Bushing | 31103690CH | 2 | Bolt | 37307570CH | 6 |
| Bearing Shell | 31103860CH | 2 | Wing Nut | 37400450CH | 1 |
| Bushing* | 31103880CH | 2 | Nut | 37403780CH | 1 |
| Piston Pin – LP | 31203910CH | 1 | Nut | 37403870CH | 4 |
| Piston Pin – HP | 31203920CH | 1 | Washer | 37500320CH | 4 |
| Piston – LP | 31203940CH | 1 | Washer | 37508130CH | 12 |
| Ring - HP | 31203950CH | 1 | Washer | 37503770CH | 1 |
| Ring - LP | 31203960CH | 1 | Washer | 37504110CH | 6 |
| Ring - HP | 31203970CH | 1 | Washer | 37504230CH | 6 |
| Ring - LP | 31203980CH | 1 | Snap Ring | 37603900CH | 4 |
| Ring - HP | 31203990CH | 2 | Plug | BLSQPL0250 | 1 |
| Ring - LP | 31204000CH | 2 | Ring Set | K50RINGS | 1 |
| Piston – HP | 31204520CH | 1 | Gasket Set | K50GASKETS | 1 |
| Head | 31304090CH | 1 | Valve Plate Assembly | 5000VK50 | 1 |
| Cylinder | 31604010CH | 1 | Intercooler/Aftercooler Parts Starting 1/00 | | |
| Valve – HP | 32702400CH | 2 | O-Ring | 30502400CH | 3 |
| Valve Plate | 32703670CH | 2 | O-Ring | 30502700CH | 2 |
| Valve – LP | 32704060CH | 2 | Left Intercooler | 3290415ACH | 1 |
| Left Intercooler | 32904150CH | 1 | Right Intercooler | 3290416ACH | 1 |
| Right Intercooler | 32904160CH | 1 | Aftercooler | 3290417ACH | 1 |
| Aftercooler | 32904170CH | 1 | Bolt | 37304180CH | 6 |
| Crankcase | 33103700CH | 1 | | | |

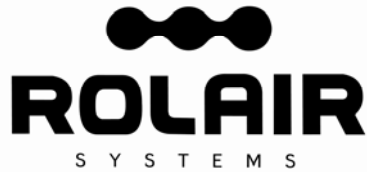
*Bushing is not machined to fit piston pin if ordered separate from connecting rod.



ROLAIR

SCHEMATIC FOR PMP22K50HU





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PARTS LIST FOR PMP22K50HU

| Description | Part # | Qty. |
|--|---------------|-------------|
| O-Ring | 30501270CH | 2 |
| O-Ring | 30502870CH | 1 |
| Cylinder Head | 31309050CH | 1 |
| Reducer Sleeve | 31401240CH | 2 |
| Reducer Sleeve | 31401250CH | 1 |
| Reducer Sleeve | 31401260CH | 2 |
| Plug | 31401280CH | 1 |
| Unloading Piston | 31403320CH | 1 |
| Unloading Piston | 31403330CH | 2 |
| T-Connector with Fittings | 31410220CH | 1 |
| L-Connector with Fittings | 31410280CH | 1 |
| Valve Plates | 32704040CH* | 2 |
| Pipe Connector | 34303030CH | 1 |
| Head Bolt | 37304100CH* | 6 |
| Nut | 37402500CH | 2 |
| Washer | 37504210CH | 2 |
| Washer | 37504240CH | 2 |
| Spring | 37602850CH | 1 |
| Dowel | 37602880CH | 1 |
| Spring | 37607850CH | 2 |
| OPTIONAL: Complete Head Assembly with Unloader Parts Installed | 3144984ACH | 1 |

*NOTE: Head bolts and valve plates are not shown on HU schematic.
Reference PMP22K50 schematic for all other components.