



Hanbell RC2 Exploded Parts Legend

RC2-370

| Item Location | Part # | Description | Specification | Quantity |
|-----------------------------------|--------------|---------------------------------------|---------------|----------|
| A-Rotor & Bearing Seat | | | | |
| A1 | 3104-1131E | Bearing Seat | | 1 |
| A2 | 3155-1132CB | Male Screw Rotor | | 1 |
| A3 | 3155-1133BB | Female Screw Rotor | | 1 |
| A4 | 3101-1023A | Motor Rotor Key (Motor A) | | 1 |
| | 3155-1023A | Motor Rotor Key (Motor B) | | 1 |
| A5-1 | 3103-1134B | Balance Piston | | 1 |
| A5-2 | 4102-NU311E | Discharge Radial Bearing (Male) | | 1 |
| A5-3 | 4101-7311BUO | Discharge Axial Bearing (Male) | | 3 |
| A5-4 | 4302-255 | Bearing Lock Nut | | 1 |
| A5-5 | 3104-1109B | Discharge Bearing Fixed Ring (Male) | | 1 |
| A5-6 | 4307-DB112 | Disc Spring | | 1 |
| A6-1 | 4102-NU2307E | Discharge Radial Bearing (Female) | | 1 |
| A6-2 | 3103-1137B | Inner Spacer (Female) | | 1 |
| A6-3 | 3103-113AA | Outer Spacer (Female) | | 1 |
| A6-4 | 4101-7307BUO | Discharge Axial Bearing (Female) | | 3 |
| A6-5 | 3104-1111B | Discharge Bearing Fixed Ring (Female) | | 1 |
| A6-6 | 4302-235 | Bearing Lock Nut | | 1 |
| A6-7 | 4307-DB080 | Disc Spring | | 1 |
| A7-1 | 3103-1101AG | Discharge Cover Plate | | 1 |
| A7-2 | 3103-1103AE | Discharge Cover Plate Gasket | | 1 |
| A7-3 | 4301-112035 | Bolt | M12*35L | 13 |
| A8-1 | 4301-112035 | Bolt | M12*35L | 1 |
| A8-2 | 4303-312 | Spring Washer | M12 | 1 |
| A8-3 | 3101-1037B | Washer | | 1 |
| A8-4 | 3103-1116D | Piston | | 1 |
| A8-5 | 4201-CA339 | O-Ring | | 2 |
| A8-6 | 4202-T100 | Piston Ring | | 2 |
| A8-7 | 5112-GM69 | Guide Ring | | 1 |
| A8-8 | 4303-420 | Copper Washer | | 1 |
| A8-9 | 3104-1115AG | Piston Rod | | 1 |
| A8-10 | 3104-1113A | Modulation Spring | | 1 |
| A8-11 | NA | NA | NA | NA |
| A9 | 3103-1008B | Exhaust Tube Gasket | | 1 |
| A10 | 3101-1102B | Position Pin | | 2 |
| A11 | 4301-116045 | Bolt | M16*45L | 8 |
| B-Compression Casing | | | | |
| B1 | 3155-1141CC | Compression Casing | | 1 |
| B2-1 | 3155-1112C | Slide Valve | Vi=2.6 | 1 |
| | 3155-1212C | Slide Valve | Vi=3.5 | 1 |
| | 3155-1412C | Slide Valve | Vi=3.0 | 1 |
| | 3155-1512C | Slide Valve | Vi=2.2 | 1 |
| B2-2 | 3101-1114A | Slide Valve Key | | 1 |
| B2-3 | 4301-106016 | Bolt | M6*16L | 1 |

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| B3-1 | 3104-1175A | Supporter for Slide Valve | | 1 |
| B3-2 | 4301-110065 | Bolt | M10*65L | 4 |
| B4-1 | 3101-1152DA-A | Oil Level Switch Flange | Standard | 1 |
| B4-2 | 3101-1148BA | Flange Gasket | | 2 |
| B4-3 | 3101-116AC | Damper Shield | | 1 |
| B4-4 | 4405-61 | Oil Level Switch | | 1 |
| B4-5 | 4201-VP008 | O-Ring | | 1 |
| B4-6 | 4201-VP021 | O-Ring | | 1 |
| B4-7 | 3101-1149D | Oil Level Switch Fitting | | 1 |
| B4-8 | 4806-27 | Cable Connector | | 1 |
| B4-9 | 5107-03 | PU Hose | | 1 |
| B4-10 | 4305-108 | Plug | | 1 |
| B4-11 | 4301-112080 | Bolt | M12*80L | 6 |
| B5-1 | 4304-106 | Angle Valve | | 1 |
| B5-2 | 4302-303 | Bonnet | | 1 |
| B5-3 | 4302-301 | Nut | | 1 |
| B6-1 | 3101-1051C | Oil Heater | 220V,150W | 1 |
| | 3101-1052C | Oil Heater | 220V,300W | 1 |
| | 3101-1051C-1 | Oil Heater | 110V,150W | 1 |
| | 3101-1052C-1 | Oil Heater | 110V,300W | 1 |
| B6-2 | 4806-28 | Cable Connector | | 1 |
| B6-3 | 5108-06 | Stainless Steel Tube | | 1 |
| B7-1 | 4804-17 | Sight Glass | | 2 |
| B7-2 | 4201-VA024 | O-Ring | | 2 |
| B8-1 | 3132-1080BC | Terminal Cover Plate (PTC+PT100/1000) | | 1 |
| B8-2 | 4301-112035 | Bolt | M12*35L | 16 |
| B8-3 | 3101-1006AD | Terminal Cover Plate Gasket | | 1 |
| B9-1 | 4401-38 | Solenoid Valve-Step, Gasket(NC) | Standard | 1 |
| | 4401-39 | Solenoid Valve-Stepless(NO) | Optional | 1 |
| B9-1-1 | 4401-38 | Solenoid Valve-Step, Gasket(NC) | | 1 |
| B9-1-2 | 3101-103EC | Orifice | Optional | 1 |
| B9-2 | 4402-14 | Solenoid Valve Coil | 220V | 2 |
| | 4402-15 | Solenoid Valve Coil | 110V | 2 |
| B9-3 | 3101-1003B | Solenoid Valve Gasket | | 5 |
| B9-4 | 4301-804012 | Bolt | M4*12L | 12 |
| B9-4-1 | 4301-804020 | Bolt | M4*20L | 4 |
| B9-5 | 3101-1039C | Cover Plate | | 2 |
| B10-1 | 3135-1250BA | Economizer Port Flange | | 1 |
| B10-2 | 3135-1252B | Shield for Economizer Port Flange | | 1 |
| B10-3 | 3135-1151AA | Gasket for Economizer Port Flange | | 1 |
| B10-4 | 4301-112040 | Bolt | M12*40L | 2 |
| B11-1 | 3103-1107C | Oil-Guiding Ring (Female) | | 1 |
| B11-2 | 4102-NJ2207E | Suction Radial Bearing (Female) | | 1 |
| B12-1 | 4303-112 | Washer | M12 | 1 |
| B12-2 | 4303-312 | Spring Washer | M12 | 1 |
| B12-3 | 4301-112020 | Bolt | M12*20L | 1 |
| B13-1 | 3103-1106C | Oil Guiding Ring (Male) | | 1 |
| B13-2 | 4102-NU2213E | Suction Radial Bearing (Male) | | 1 |
| B13-3 | 3195-1104B | Suction Bearing Inner Spacer | | 1 |
| B13-4 | 3195-1105B | Suction Bearing Outer Spacer | | 1 |
| B13-5 | 4102-NU2213E | Suction Radial Bearing (Male) | | 1 |
| B14-1 | 3103-1108A | Suction Bearing Fixed Ring (Male) | | 1 |
| B14-2 | 4301-106016 | Bolt | M6*16L | 6 |
| B15-1 | 3181-00431A | Motor Rotor Assembly (Motor A) | | 1 |
| | 3181-00451A | Motor Rotor Assembly (Motor B) | | 1 |
| B15-2 | 3130-1032A | Motor Rotor Spacer (Motor A) | | 1 |
| | 3143-1033A | Motor Rotor Spacer (Motor B) | | 1 |

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| B15-3 | 3103-1017A | Motor Rotor Washer (Motor A) | | 1 |
| | 3134-1017A | Motor Rotor Washer (Motor B) | | 1 |
| B15-4 | 4303-316 | Spring Washer | M16 | 1 |
| B15-5 | 4301-116040 | Bolt (Motor A) | M16 *40L | 1 |
| | 4301-116100 | Bolt (Motor B) | M16*100L | 1 |
| B16-1 | 3101-1092A | Connector | | 1 |
| B16-2 | 4302-306 | Bonnet | | 1 |
| B16-3 | 3101-1091A | Nut | | 1 |
| B17-1 | 4304-102 | Connector | | 1 |
| B17-2 | 4302-303 | Bonnet | | 1 |
| B17-3 | 4302-301 | Nut | | 1 |
| B18-1 | 3101-1168A | Plug | | 1 |
| B18-2 | 4201-VA119 | O-Ring | | 1 |
| B19-1 | 4304-101 | Elbow | | 2 |
| B19-2 | 3101-1145E | Capillary | | 1 |
| B20-1 | 3101-1158CD | Oil Filter Flange | | 1 |
| B20-2 | 3101-1147AF | Oil Filter Flange Outer Gasket | | 1 |
| B20-3 | 3101-1146A | Oil Filter Flange Inner Gasket | | 1 |
| B20-4 | 3101-1143C | Oil Filter | | 1 |
| B20-5 | 4301-112035 | Bolt | M12*35L | 6 |
| B21-1 | 3101-1153A | Plug | | 1 |
| B21-2 | 4201-VP021 | O-Ring | | 1 |
| B22-1 | 3101-1092A | Connector | | 1 |
| B22-2 | 4302-306 | Bonnet | | 1 |
| B22-3 | 3101-1091A | Nut | | 1 |
| C-Oil Separator | | | | |
| C1 | 3155-1800EA | Oil Separator | | 1 |
| C2 | 4301-120055 | Bolt | M20*55L | 20 |
| C3 | 3103-1001AE | Oil Separator Gasket | | 1 |
| C4-1 | 3188-7200C | Check Valve | | 1 |
| C4-2 | 3101-1004AD | Connecting Flange Gasket | | 2 |
| C4-3 | 4201-NP100 | O-Ring | | 1 |
| C4-4 | 3103-101EB | Discharge Flange Shield | | 1 |
| C4-5 | 3102-1019A | Flange | | 1 |
| C4-6 | 4301-116060 | Bolt | M16*60L | 4 |
| C4-7 | 4301-116045 | Bolt | M16*45L | 4 |
| C5-1 | 4304-106 | Angle Valve | | 1 |
| C5-2 | 4302-303 | Bonnet | | 1 |
| C5-3 | 4302-301 | Nut | | 1 |
| C6 | 4305-110 | Plug | | 1 |
| D-Motor | | | | |
| D1 | 3155-2101CA | Motor Casing (Motor A) | | 1 |
| | 3165-2101CA | Motor Casing (Motor B) | | 1 |
| D2 | 3103-1002AD | Motor Casing Gasket | | 1 |
| D3-1 | 3181-XX43XA | Motor Stator Assembly (Motor A) | | 1 |
| | 3181-XX45XA | Motor Stator Assembly (Motor B) | | 1 |
| D3-2 | 3131-2105AB | Copper Sleeve | | 1 |
| D4-1 | 3164-2104BA | Motor Stator Guide Vane | | 2 |
| D4-2 | 4301-108025 | Bolt | M8*25L | 6 |
| D4-3 | 4303-308 | Spring Washer | | 6 |
| D4-4 | 3101-2103CA | Plate | | 2 |
| D5-1 | 3154-2102B | Motor Stator Fixing Plug | | 1 |
| D5-2 | 4201-VP021 | O-Ring | | 1 |
| D6-1 | 3101-1092A | Connector | | 1 |
| D6-2 | 4302-306 | Bonnet | | 1 |
| D6-3 | 3101-1091A | Nut | | 1 |
| D7-1 | 4304-102 | Connector | | 1 |

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| D7-2 | 4302-303 | Bonnet | | 1 |
| D7-3 | 4302-301 | Nut | | 1 |
| D8 | 4304-201 | Charging Valve | | 1 |
| D9-1 | 4304-106 | Angle Valve | | 1 |
| D9-2 | 4302-303 | Bonnet | | 1 |
| D9-3 | 4302-301 | Nut | | 1 |
| D10 | 3105-1004AD | Gasket | | 2 |
| D11 | 3105-1024DC | Suction Filter | | 1 |
| D12-1 | 3188-8400A | Stop Valve | | 1 |
| D12-2 | 3105-1004AD | Gasket | | 1 |
| D12-3 | 4201-NP135 | O-Ring | | 1 |
| | 3108-1015A | Flange Shield | | 1 |
| D12-5 | 3105-1019B | Flange | | 1 |
| D12-6 | 4301-120070 | Bolt | M20*70L | 4 |
| D12-7 | 4301-120200 | Bolt | M20*200L | 4 |
| D13 | 4301-116055 | Bolt | M16*55L | 20 |