



# Diagram / Parts List

**HR2470**

**Rotary Hammer**





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| <b>SG</b> | <b>SINGAPORE</b> |
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## HR2470 / Rotary Hammer

| Item   | Sub | Parts No. | Parts Description                | Qty | I/C | E/C No. | Close No. | Remark |
|--------|-----|-----------|----------------------------------|-----|-----|---------|-----------|--------|
| 001    |     | 286263-4  | Cap 35                           | 1   |     |         |           |        |
| 002    |     | 233940-9  | Ring spring 19                   | 1   |     |         |           |        |
| 003    |     | 417629-9  | Chuck cover                      | 1   |     |         |           |        |
| 004    |     | 257241-1  | Ring 21                          | 1   |     |         |           |        |
| 005    |     | 345187-4  | Guide washer                     | 1   |     |         |           |        |
| 006    |     | 233916-6  | Conical compression spring 21-29 | 1   |     |         |           |        |
| 007    |     | 921923-8  | Hex. head bolt M8X120            | 1   |     |         |           |        |
| 008    |     | 345280-4  | Hex. washer                      | 1   |     |         |           |        |
| 009    |     | 417630-4  | Grip base                        | 1   |     |         |           |        |
| 010    |     | 158057-6  | Grip 36 complete                 | 1   |     |         |           |        |
|        | C10 | 931402-8  | Hex. nut M8                      | 1   |     |         |           |        |
| 013    |     | 162245-9  | Change lever                     | 1   |     |         |           |        |
| 014    |     | 233459-8  | Compression spring 3             | 1   |     |         |           |        |
| 015    |     | 419192-8  | Lock button                      | 1   |     |         |           |        |
| 016    |     | 213278-8  | O-ring 17                        | 1   |     |         |           |        |
| 017    |     | 158216-2  | Gear housing complete            | 1   |     |         |           |        |
|        | C10 | 213965-9  | Oil seal 25                      | 1   |     |         | 86156     |        |
|        | C11 | 213345-9  | Oil seal 25                      | 1   | O   | 86156   |           |        |
|        | C11 | 213345-9  | Oil seal 25                      | 1   |     |         |           |        |
|        | C11 | 213345-9  | Oil seal 25                      | 1   |     |         |           |        |
| 018    |     | 266351-3  | Binding head tapping screw 4X35  | 4   |     |         |           |        |
| 019    |     | 153290-5  | Needle bearing complete          | 1   |     |         |           |        |
| 020    |     | 233929-7  | Ring spring 29                   | 1   |     |         |           |        |
| 021A   |     | 267791-8  | Washer 31                        | 1   |     |         | 93381     |        |
| 021-1A |     | 267460-1  | Washer 31                        | 1   | O   | 93381   |           |        |
| 021-1B |     | 267460-1  | Washer 31                        | 1   |     |         |           |        |
| 021-1G |     | 267460-1  | Washer 31                        | 1   |     |         |           |        |
| 022    |     | 233401-9  | Compression spring 32            | 1   |     |         |           |        |
| 023    |     | 227109-5  | Spur gear 51                     | 1   |     |         |           |        |
| 024    |     | 216022-2  | Steel ball 7.0                   | 1   |     |         |           |        |
| 025A   |     | 158217-0  | Tool holder complete             | 1   |     |         | 79476     |        |
| 025-1A |     | 158574-6  | Tool holder complete             | 1   | <   | 79476   |           |        |
| 025-1B |     | 158574-6  | Tool holder complete             | 1   |     |         |           |        |
| 025-1G |     | 158574-6  | Tool holder complete             | 1   |     |         |           |        |
| 026    |     | 267229-3  | Flat washer 28                   | 1   |     |         |           |        |
| 027    |     | 331769-8  | Sleeve 9                         | 1   |     |         |           |        |
| 028    |     | 324669-9  | Impact bolt                      | 1   |     |         |           |        |
| 029    |     | 324402-9  | Ring 10                          | 1   |     |         |           |        |
| 030    |     | 421955-0  | Cushion ring 13                  | 1   |     |         |           |        |
| 031    |     | 324216-6  | O-ring case                      | 1   |     |         |           |        |
| 032    |     | 213073-6  | O-ring 9                         | 1   |     |         |           |        |
| 033    |     | 233917-4  | Ring spring 28                   | 1   |     |         |           |        |
| 034    |     | 324733-6  | Striker                          | 1   |     |         |           |        |
| 035    |     | 213227-5  | O-ring 16                        | 1   |     |         |           |        |
| 036    |     | 318132-2  | Piston cylinder                  | 1   |     |         |           |        |
| 037    |     | 267104-3  | Flat washer 12                   | 1   |     |         |           |        |
| 038    |     | 324215-8  | Piston joint                     | 1   |     |         |           |        |
| 039    |     | 267104-3  | Flat washer 12                   | 1   |     |         |           |        |
| 040    |     | 213727-5  | O-ring 63                        | 1   |     |         |           |        |
| 041A   |     | 211012-0  | Ball bearing 606ZZ               | 1   |     |         | A3132     |        |
| 041-1A |     | 210028-2  | Ball bearing 606ZZ               | 1   | O   | A3132   |           |        |
| 041-1B |     | 210028-2  | Ball bearing 606ZZ               | 1   |     |         |           |        |
| 041-1G |     | 210028-2  | Ball bearing 606ZZ               | 1   |     |         |           |        |
| 042    |     | 961003-8  | Retaining ring (EXT) S-7         | 1   |     |         |           |        |
| 043    |     | 233343-7  | Compression spring 7             | 1   |     |         |           |        |
| 044A   |     | 331768-0  | Clutch cam                       | 1   |     |         | 94931     |        |
| 044-1A |     | 331992-5  | Clutch cam                       | 1   | <   | 94931   |           |        |
| 044-1B |     | 331992-5  | Clutch cam                       | 1   |     |         |           |        |
| 044-1G |     | 331992-5  | Clutch cam                       | 1   |     |         |           |        |
| 045    |     | 324668-1  | Cam shaft                        | 1   |     |         |           |        |
| 046    |     | 219014-0  | Swash bearing 10                 | 1   |     |         | DV534     |        |
| 046-1  |     | 219021-3  | Swash bearing 10                 | 1   | O   | DV534   |           |        |
| 047    |     | 226656-3  | Helical gear 26                  | 1   |     |         |           |        |
| 048    |     | 266273-7  | Hex. socket head bolt M4X12      | 2   |     |         |           |        |
| 049    |     | 345179-3  | Bearing retainer                 | 1   |     |         |           |        |

A:HR2470(H)  
 B:HR2470X5(H)  
 G:HR2470X5(L)

Interchange  
 O: Yes  
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|--------|-----|-----------|---------------------------------|-----|-----|---------|-----------|--------|
| 050    |     | 267234-0  | Flat washer 8                   | 1   |     |         |           |        |
| 051A   |     | 211032-4  | Ball bearing 608ZZ              | 1   |     |         | A3132     |        |
| 051-1A |     | 210029-0  | Ball bearing 608ZZ              | 1   | O   | A3132   |           |        |
| 051-1B |     | 210029-0  | Ball bearing 608ZZ              | 1   |     |         |           |        |
| 051-1G |     | 210029-0  | Ball bearing 608ZZ              | 1   |     |         |           |        |
| 052    |     | 324212-4  | Ring 8                          | 1   |     |         |           |        |
| 053    |     | 961011-9  | Stop ring (EXT) E-4             | 1   |     |         |           |        |
| 054    |     | 233342-9  | Compression spring 6            | 1   |     |         |           |        |
| 055    |     | 345363-0  | Change plate                    | 1   |     |         |           |        |
| 056A   |     | 158215-4  | Inner housing complete          | 1   |     |         | 93459     |        |
| 056-1A |     | 141574-3  | Inner housing complete          | 1   | S   | 93459   |           |        |
| 056-1B |     | 141574-3  | Inner housing complete          | 1   |     |         |           |        |
| 056-1G |     | 141574-3  | Inner housing complete          | 1   |     |         |           |        |
| 057A   |     | 443126-9  | Felt                            | 1   |     |         | 93459     |        |
| 058    |     | 213407-3  | O-ring 26                       | 1   |     |         |           |        |
| 059    |     | 213077-8  | Oil seal 10                     | 1   |     |         | DR827     |        |
| 059-1  |     | 213A72-4  | Oil seal 10                     | 1   | O   | DR827   |           |        |
| 060    |     | 210059-1  | Ball bearing 6000DDW            | 1   |     |         |           |        |
| 061    |     | 267213-8  | Flat washer 10                  | 1   |     |         |           |        |
| 062    |     | 240092-9  | Fan 64                          | 1   |     |         |           |        |
| 063A   |     | 515289-2  | Armature assembly 240V          | 1   |     |         |           |        |
| 063B   |     | 515289-2  | Armature assembly 240V          | 1   |     |         |           |        |
| 063G   |     | 515286-8  | Armature assembly 115V          | 1   |     |         |           |        |
|        | D10 |           | INC. 60-62,64,65                |     |     |         |           |        |
| 064A   |     | 681652-2  | Insulation washer               | 1   |     |         | 80284     |        |
| 064-1A |     | 681670-0  | Insulation washer               | 1   | <   | 80284   |           |        |
| 064-1B |     | 681670-0  | Insulation washer               | 1   |     |         |           |        |
| 064-1G |     | 681670-0  | Insulation washer               | 1   |     |         |           |        |
| 065    |     | 210023-2  | Ball bearing 627DDW             | 1   |     |         |           |        |
| 066    |     | 267804-5  | Wave washer 15                  | 1   |     |         |           |        |
| 067    |     | 266334-3  | Binding head tapping screw 4X60 | 2   |     |         |           |        |
| 068    |     | 344871-8  | Retainer                        | 2   |     |         |           |        |
| 069    |     | 419716-0  | Baffle plate                    | 1   |     |         |           |        |
| 070A   |     | 626579-9  | Field 240V                      | 1   |     |         | DV912     |        |
| 070B   |     | 626579-9  | Field 240V                      | 1   |     |         | DV912     |        |
| 070G   |     | 628181-4  | Field 115V                      | 1   |     |         | DV912     |        |
| 070-1A |     | 626579-9  | Field 240V                      | 1   | O   | DV912   |           |        |
| 070-1B |     | 626579-9  | Field 240V                      | 1   | O   | DV912   |           |        |
| 070-1G |     | 628181-4  | Field 115V                      | 1   | O   | DV912   |           |        |
| 071    |     | 419731-4  | Motor housing                   | 1   |     |         |           |        |
| 072    |     | 863538-4  | Name plate HR2470               | 1   |     |         |           |        |
| 073    |     | 194074-2  | Carbon brush set CB-325         | 1   |     |         |           |        |
| 074    |     | 638500-6  | Brush holder unit               | 1   |     |         |           |        |
| 075    |     | 650589-4  | Switch C3VA-2L                  | 1   |     |         |           |        |
| 076    |     | 814963-2  | Serial No. label HR2470         | 1   |     |         |           |        |
| 077    |     | 682566-8  | Cord guard 10                   | 1   |     |         |           |        |
| 078A   |     | 692527-0  | Power supply cord 1.0-2-2.5     | 1   |     |         |           |        |
| 078B   |     | 692527-0  | Power supply cord 1.0-2-2.5     | 1   |     |         |           |        |
| 078G   |     | 665918-8  | Power supply cord 1.0-2-2.5     | 1   |     |         |           |        |
| 079    |     | 687260-7  | Strain relief                   | 1   |     |         |           |        |
| 080    |     | 266324-6  | Binding head tapping screw 4X22 | 1   |     |         |           |        |
| 082    |     | 419717-8  | Handle cover                    | 1   |     |         |           |        |
| 083    |     | 266324-6  | Binding head tapping screw 4X22 | 1   |     |         |           |        |
| 084    |     | 266324-6  | Binding head tapping screw 4X22 | 2   |     |         |           |        |
| 085    |     | 961017-7  | Stop ring (EXT) E-3             | 2   |     |         |           |        |
| 086    |     | 417796-0  | Guide base                      | 1   |     |         |           |        |
| 087    |     | 233344-5  | Compression spring 4            | 2   |     |         |           |        |
| 088    |     | 266374-1  | Binding head tapping screw 4X25 | 2   |     |         |           |        |
| 089    |     | 163430-7  | Lock plate complete             | 1   |     |         |           |        |
| 090    |     | 227179-4  | Spur gear 10                    | 1   |     |         |           |        |
| 091    |     | 941102-2  | Flat washer 5                   | 1   |     |         |           |        |
| 092A   |     | 819358-4  | Clear label                     | 1   |     | 83871   | 90217     |        |
| 092-1A |     | 892830-1  | Clear label                     | 1   | <   | 90217   | DL865     |        |
| 092-1B |     | 892830-1  | Clear label                     | 1   |     |         | DL865     |        |
| 092-1G |     | 892830-1  | Clear label                     | 1   |     |         | DL865     |        |

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