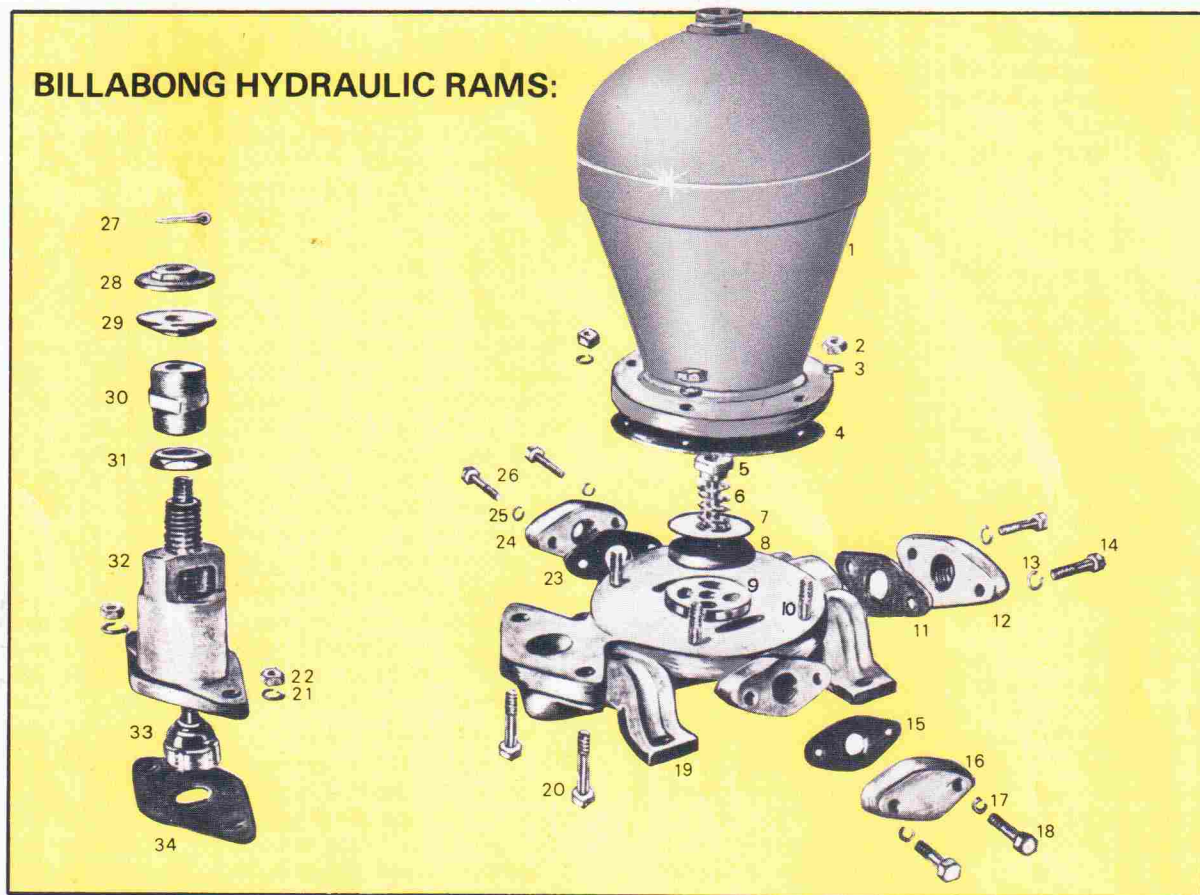


BILLABONG HYDRAULIC RAMS:

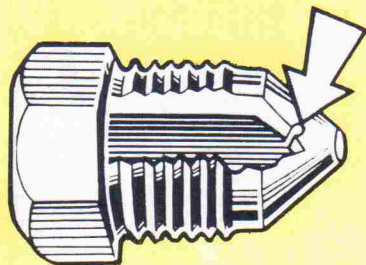


SPARE PARTS LIST

| | No. 3 | No. 4 | No. 5 | No. 6 | No. 7 | No. 10 |
|----------------------|-------|-------|-------|-------|-------|--------|
| Dome | 3- 1 | 4- 1 | 5- 1 | 6- 1 | 7- 1 | 10- 1 |
| Dome Nuts | 3- 2 | 4- 2 | 5- 2 | 6- 2 | 7- 2 | 10- 2 |
| Spring Washers | 3- 3 | 4- 3 | 5- 3 | 6- 3 | 7- 3 | 10- 3 |
| Dome Gasket | 3- 4 | 4- 4 | 5- 4 | 6- 4 | 7- 4 | 10- 4 |
| Valve Stop Pin | 3- 5 | 4- 5 | 5- 5 | 6- 5 | 7- 5 | 10- 5 |
| Valve Spring | 3- 6 | 4- 6 | 5- 6 | 6- 6 | 7- 6 | 10- 6 |
| Valve Disc | 3- 7 | 4- 7 | 5- 7 | 6- 7 | 7- 7 | 10- 7 |
| Valve Rubber | 3- 8 | 4- 8 | 5- 8 | 6- 8 | 7- 8 | 10- 8 |
| Valve Seat | 3- 9 | 4- 9 | 5- 9 | 6- 9 | 7- 9 | 10- 9 |
| Dome Studs | 3-10 | 4-10 | 5-10 | 6-10 | 7-10 | 10-10 |
| Drive Flange Gaskets | 3-11 | 4-11 | 5-11 | 6-11 | 7-11 | 10-11 |
| Drive Flange | 3-12 | 4-12 | 5-12 | 6-12 | 7-12 | 10-12 |
| Spring Washers | 3-13 | 4-13 | 5-13 | 6-13 | 7-13 | 10-13 |
| Drive Flange Bolts | 3-14 | 4-14 | 5-14 | 6-14 | 7-14 | 10-14 |
| Blank Flange Gasket | 3-15 | 4-15 | 5-15 | 6-15 | 7-15 | 10-15 |
| Blank Flange | 3-16 | 4-16 | 5-16 | 6-16 | 7-16 | 10-16 |
| Spring Washers | 3-17 | 4-17 | 5-17 | 6-17 | 7-17 | 10-17 |

| | No. 3 | No. 4 | No. 5 | No. 6 | No. 7 | No. 10 |
|------------------------------|-------|-------|-------|-------|-------|--------|
| Blank Flange Bolts | 3-18 | 4-18 | 5-18 | 6-18 | 7-18 | 10-18 |
| Base | 3-19 | 4-19 | 5-19 | 6-19 | 7-19 | 10-19 |
| Impetus Valve Bolts | 3-20 | 4-20 | 5-20 | 6-20 | 7-20 | 10-20 |
| Spring Washers | 3-21 | 4-21 | 5-21 | 6-21 | 7-21 | 10-21 |
| Impetus Valve Nuts | 3-22 | 4-22 | 5-22 | 6-22 | 7-22 | 10-22 |
| Delivery Flange Gasket | 3-23 | 4-23 | 5-23 | 6-23 | 7-23 | 10-23 |
| Delivery Flange | 3-24 | 4-24 | 5-24 | 6-24 | 7-24 | 10-24 |
| Spring Washers | 3-25 | 4-25 | 5-25 | 6-25 | 7-25 | 10-25 |
| Delivery Flange Bolts | 3-26 | 4-26 | 5-26 | 6-26 | 7-26 | 10-26 |
| Impetus Valve Stem Split Pin | 3-27 | 4-27 | 5-27 | 6-27 | 7-27 | 10-27 |
| Flanged Lock Nuts | 3-28 | 4-28 | 5-28 | 6-28 | 7-28 | 10-28 |
| Flanged Lock Nuts | 3-29 | 4-29 | 5-29 | 6-29 | 7-29 | 10-29 |
| Adjusting Nut | 3-30 | 4-30 | 5-30 | 6-30 | 7-30 | 10-30 |
| Adjusting Nut Lock Nut | 3-31 | 4-31 | 5-31 | 6-31 | 7-31 | 10-31 |
| Cage | 3-32 | 4-32 | 5-32 | 6-32 | 7-32 | 10-32 |
| Impetus Valve & Stem | 3-33 | 4-33 | 5-33 | 6-33 | 7-33 | 10-33 |
| Impetus Valve Gasket | 3-34 | 4-34 | 5-34 | 6-34 | 7-34 | 10-34 |

SNIFTING PLUG (Supplied with Ram)



Place the snifting plug in the drive pipe (as close to the ram as possible) with the air hole facing in the direction of the flow of water. This will ensure your ram will not become water-logged.

STRAINER FOR HYDRAULIC RAM (Optional Extra)



This fullway design insures a maximum flow of water to the ram. Sizes: 1 inch (25mm), 1 1/4 inch (32mm), 2 inch (50mm), 2 1/2 inches (65mm), 3 inch (80mm) and 4 inch (100mm).

Available from:-