

OWNER'S MANUAL

300 JD-JK

SOLAR HOT WATER SYSTEMS











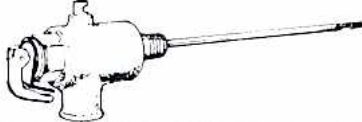




















 **Solahart**

Hot water free from the sun







SOLAHART COMPONENTS

The Solahart 300JD and JK solar hot water systems consist of a storage tank, collector(s) and a parts kit. The parts kit incorporates fixings for a "with pitch" installation. The complete list of components is detailed below.

Part No.	Description	Quantity 300JD and JK
300J	Storage tank	1
JD JK	Solar collector model JD non-selective Solar collector model JK selective	2
1016A	"Solahart" logo sticker	1
0171	Collector O-rings (including 1 spare O-ring) 	11
0601	Collector nut 	2
0605	Blanking disc 	1
0607	3/4" tail plug (20 mm) 	1
0611	1/2" conetite union (15 mm) 	4
0612	1/2" conetite nut (15 mm) 	6
0613	1/2" conetite cone (15 mm) 	6
0615	R3/4 to conetite union (20 mm) 	1
1617	Fill assembly: consisting of: 0150 Seal 1609 Fill fitting 1626 Fill plug 	1
0637	1/2" tee adaptor (15 mm) 	1
0660	1/2" P.T. valve (15 mm) 	1
0666	1/2" Combination PHN50 valve (15mm) 	1
0686	PR6 Jacket relief valve (including O-ring No. 0176) 	1
0682	Drain adaptor for PR6 (SA only) 	1
0694	Collector union 	2
0704	Collector downpipe 	1

0705	Collector hot pipe		1
0843	Collector clamps		4
0829	Collector extrusion		1
0845	Tank strap		2
0847	Collector straps		2
0874	Tank clamp		2
0806	5/16" Z.P. nut (8 mm)		2
0325	5/16" washer (8 mm)		2
0802	5/16" countersunk screw (8 mm)		2
0745	Owners manual		1
0683	PR8 Jacket relief valve (SA and NSW only)		1
0780	PR8 adaptor (SA and NSW only)		1
0644	Black seal bush (collector nut)		2
0370	Stainless steel screw		6

Heat Control Kit Model 300JK only

0691a,b,c	Heat release tube		1
0171	O ring (collector)		2
0168	O ring (tank) small		1
0166	O ring (tank) large		1
0602	Brass connector		1
0687	Thermostatic valve		1

Assembly Diagram of 1 for With Pi

0682 0611 0660 0686 0637 0615 1016a



0613
0612
0705
0171
0324
0325
0874
0845
0802
0612
0613
0611

MOUNT THIS VALVE ASSEMBLY AT LEAST ONE METRE AWAY FROM STORAGE TANK (REFER TO PAGE 13 VALVE LOCATION AND PAGE 14 FROST DAMAGE)

0666 0150 1626 0603 0644 1617 01

10mm GAP BETWEEN PIPES.

ELECTRIC HEATER TAPE

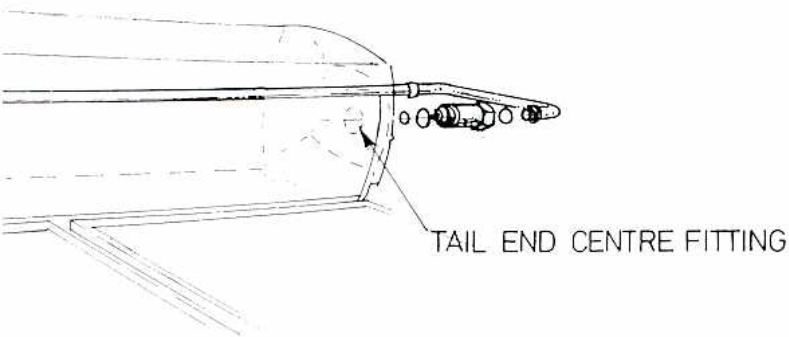
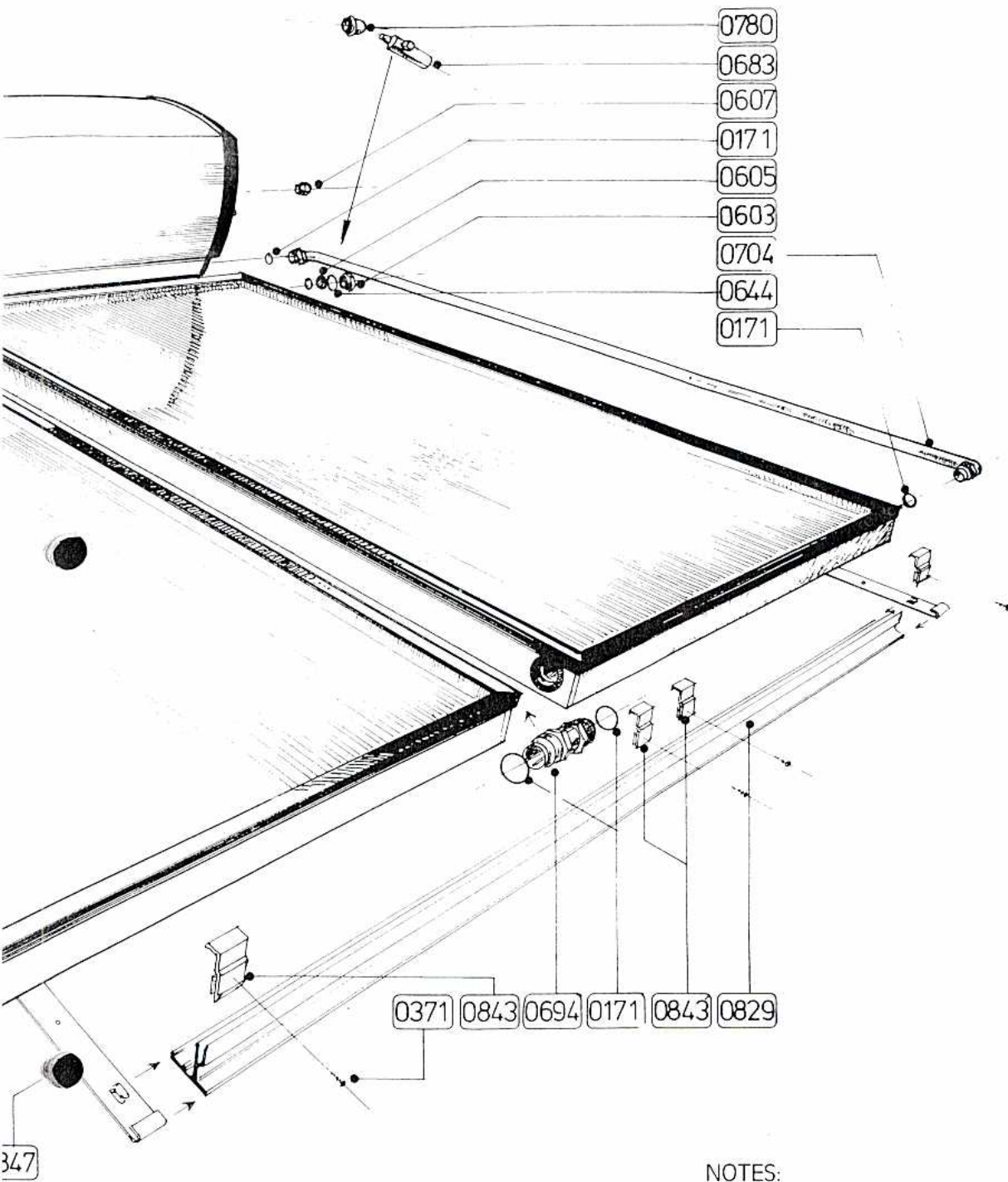
SEALED INSULATION

PIPE PROTECTION IN VERY COLD CLIMATES - SEE PAGE 14 FIRST PARAGRAPHS.

COLD WATER INLET FITTING

Heat Control Kit —

Solahart 300JD and JK
Installation



NOTES:

1. Remove plastic cover from the body of the tank immediately after installation.
2. Do not turn on electricity until storage tank is filled with water.
3. Install solar collectors and tank level, or slightly higher at the left hand side. This is to ensure that air bubbles do not remain in the tank or collectors
4. When applying teflon tape to the tank relief valve (Part No. 0660), ensure tape is 3 mm back from the end of the valve thread to prevent tape entering and blocking the valve.
5. Ensure left hand jacket connection is always higher than left hand collector connection.
6. Ensure O ring seals are placed on to the pipe connectors and correctly located then the assembly pushed into the steel sockets. Do not place O rings into the steel sockets first otherwise the pipe may cut the O ring during insertion.

< Systems Only

DIAGRAM No. 1