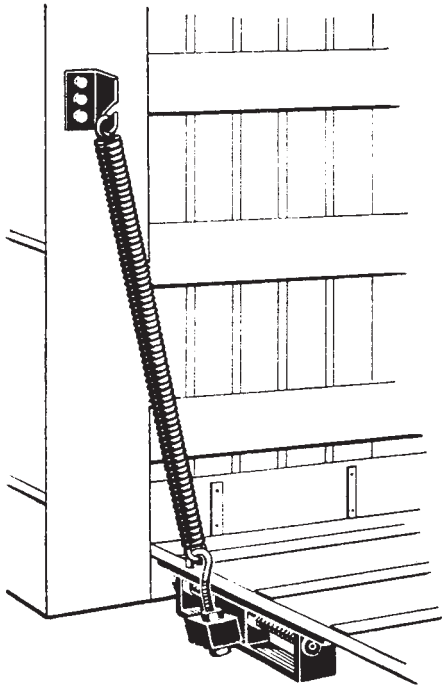


'Foulger' Ramp Springs



This assembly works on the variable rate principle i.e. work done by the spring increases as the load grows. Spring is unstressed when ramp is closed except for slight tension to prevent rattle. Spring tension is easily adjusted, thus enabling ramp to be correctly balanced.

Part Number

RS3 Lightweight Capacity up to 3 cwt per pair

RS4 Heavyweight Capacity up to 4 cwt per pair

FITTING INSTRUCTIONS

Bolt pivot bearing block assemblies "A" to each edge of ramp with centre line of pivot joint "B" approximately 7" from centre line of hinge.

To move pivot, slack off nut "G", insert tommy bar in adjusting screw "F" and turn in required direction.

Fit ends of spring to hooks "C" and "D" and bolt in position. When pivot bearing block is correctly placed, take up about 4 turns on bottom hook nut "E" to ensure sufficient spring tension to hold ramp vertically.

It is advantageous, but not essential to fix pivot block assemblies as illustrated i.e. 3in – 5in between faces "J" and "K".

If pivot block assemblies are not on bearers, a wooden block of appropriate thickness can be inserted to make up the 3in to 5in.

Important

A 12mm (½") dia. tension bar should be fitted as shown between the two assemblies. 17/32" dia holes are provided in the 76 x 76mm (3" x 3") angle iron (at top of mechanism) for the tension bar.

