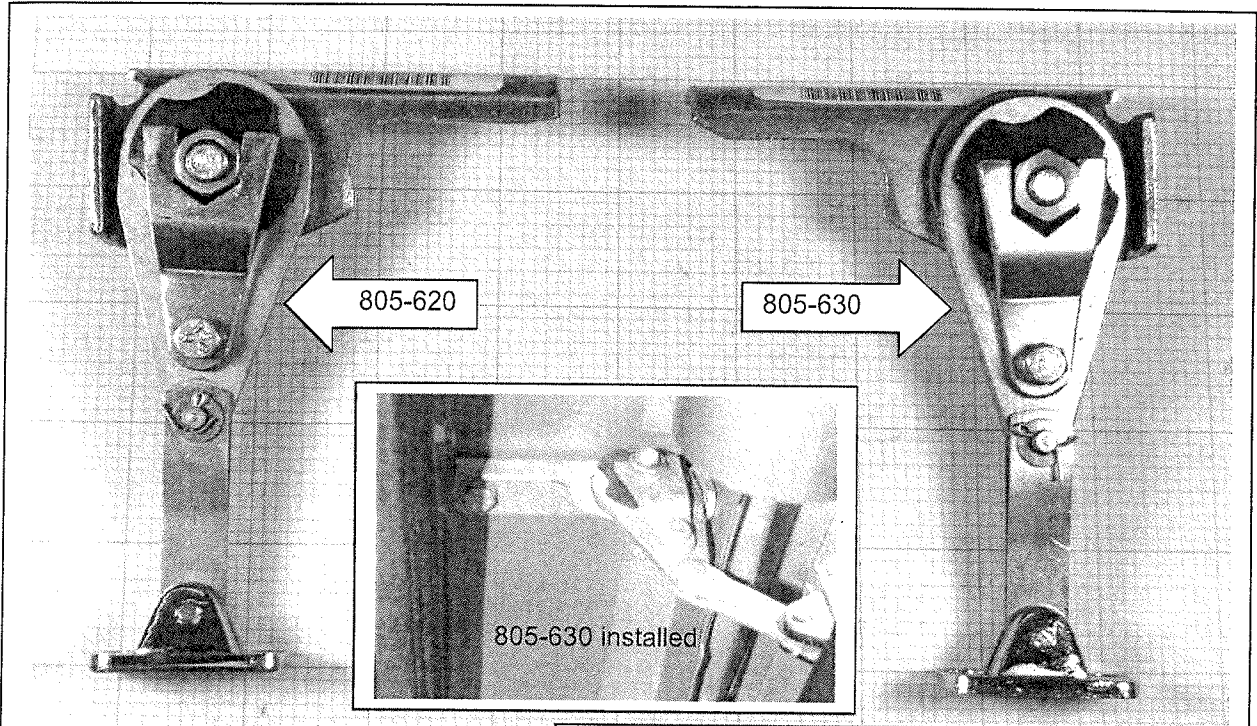
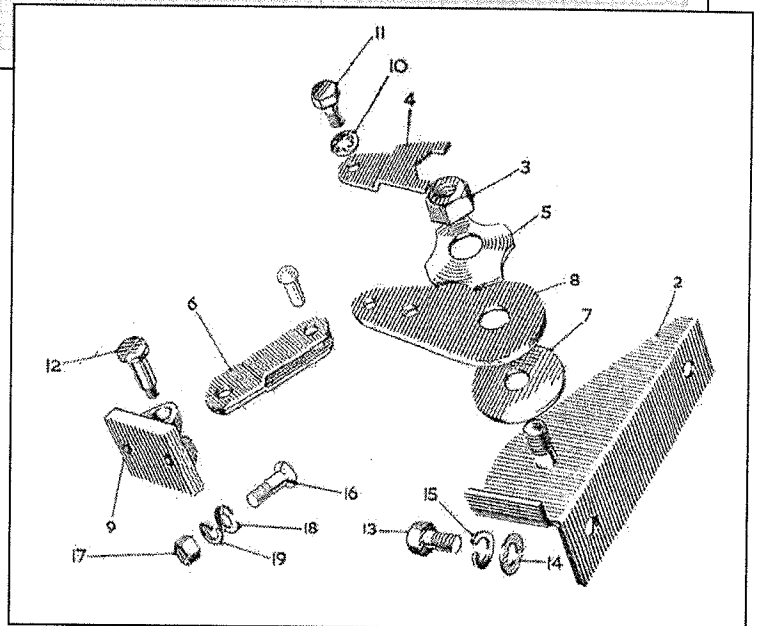


Supplemental Information for
805-620 or 14B7555 Door Check Assembly, L/H
805-630 or 14B7554 Door Check Assembly, R/H
Austin Healey 100-6 & 3000



This door check assembly relies on the friction between a fiber disc (7) and the bracket (2) that bolts to the hinge pillar and the arm (8). There is a nut (3) that sits on top of a large spring washer (5) that exerts pressure on the arm (8) which in turn presses down on the fiber disc (7). Because the nut rotates with the arm, the pressure varies depending on where the nut is, which in turn depends on how far you open the door. As the door opens, there is almost no friction because the nut is loose. As the door swing wide, the nut is tightened down on the spring washer, and the friction increases. As the door reaches the maximum opening, the friction is so great that it is difficult to open the door further. This prevents the door from banging into the stops, which would put a great deal of stress on the components.



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