

STANDARD-TRIUMPH MOTOR COMPANY, INC.

**WESTERN ZONE**



TO: ALL TRIUMPH DEALERS - WESTERN ZONE

DEPT: SERVICE AND PARTS

BULLETIN T-63-50

SUBJECT: REAR ROAD SPRING - SPITFIRE

DATE: JULY 12, 1963

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A small number of rear road springs that may give an incorrect rear wheel camber might possibly be found between commission numbers FC-3200 and FC-5588 only.

The affected springs were confined to a small batch of springs of Cocker Manufacture, which is an alternative supplier of original equipment. The other supplies are of Woodhead Manufacture and require no action. It should be noted that Cocker springs do not necessarily have the variation, the condition is limited to only a small batch of them.

Identification between the two makes can be done on the car by feeling the size of the "blister" on the top face of the second leaf adjacent to the spring eye ends. On the Woodhead spring, the "blister" is approximately 3/4" diameter with an almost flat head. On the Cocker spring, the "blister" is approximately 1-1/4" diameter with an almost full domed head.

The specified rear wheel camber for Spitfire models is 0° - 1° positive with the car unladen but with full tank of gas.

The above camber is not adjustable and any variations or special racing requirements can only be made by removal and replacement of the rear road spring for reworking or exchange. Within reason, a camber variation of a negative character does not require any action but in the event of any obviously excessive positive rear wheel camber, the following action should be taken under warranty arrangements. It should be noted that this condition will initially be readily visible by the rear wheels position in comparison with other Spitfire and Herald models and will be found only on a small number of Spitfires between commission number FC-3200 and FC-5588.

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It is recommended that all Spitfires between FC-3200 and FC-5588 that come in for service should be checked for this condition. In the event of doubt and excessive camber is apparently present, check whether the spring is of Cocker Manufacture by inspection of the "dimple" and have the rear wheel camber checked accurately by the following method:

- a) The gas tank must be full or in the case of a part full tank balance must be added in the trunk compartment as makeweight for each gallon needed to fulfill a full tank condition.
- b) Roll the car backwards and forwards to obtain a stable condition of the rear suspension.
- c) Take two camber readings of each rear wheel, moving the car a few inches between each reading to allow for wheel or tire tolerances.
- d) If the average of the two readings of each wheel is in excess of 1° positive, or the combined reading of both wheels is in excess of 2° positive, change the road spring.

A replacement spring from your Zone of Distributor will be made available for warranty replacement upon your advising the Service Department of the commission number of the car concerned.

Prior warranty authorization will be given in each case (at the time of supplying the replacement spring) for 3 hours labor time.