

COLLISION REPAIR INFORMATION

FOR THE TOYOTA DEALER

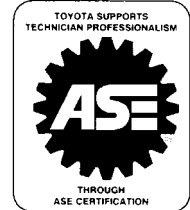
TITLE: 4-WHEEL ALIGNMENT AND VEHICLE SUSPENSION ADJUSTABILITY INFORMATION

PAGE 1 of 2

SECTION: ALIGNMENT BULLETIN #33

MODELS: ALL

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Since collision damage often affects the body, steering and suspension components which control wheel alignment, it is important to understand the relationship between collision damage repair and wheel alignment.

All suspension mounting points on the body affect wheel alignment. Therefore, complete and accurate body repair is critical. Body dimensions charts for particular Toyota vehicles can be found in the body section of the Toyota Repair Manual and the Body Dimensions section of the Toyota Manual for Collision Repair.

Two conditions must be met to guarantee that a proper 4-wheel alignment can be performed as a final adjustment following collision repairs:

- Front and rear suspension plus steering mounting points on the body must be undamaged and in the factory specified positions.
- All damaged suspension components must be repaired to factory specifications or replaced with parts manufactured to factory specifications.

The diagram below shows the basic steps in 4-wheel alignment. A detailed explanation of 4-wheel alignment is provided in the Toyota Technical Training Course, number 450 – Toyota Suspension Systems and also by various alignment equipment manufacturers.

