



M.D. Alignment

As-Driven Solutions™



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CONTACT ME

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Protrak Alignment Procedure for Vehicles with Individually Adjustable Toe (IAT)

If the vehicle you are aligning has IAT, all other alignment settings should be set and confirmed before setting toe. During the mechanical inspection of a vehicle with IAT, you should determine if the system has centering marks on the rack or sector. If it does, center the steering wheel and check to determine if the steering system is properly installed. If it is properly installed, proceed with the alignment. If not, refer to the manufacturers instructions to correct the error.

Once thrust on all drive axles and set back, caster and any other adjustments are completed, measure toe. To determine which side to adjust the toe on use the following options. All options are based on "As Driven" measurements of an otherwise correctly aligned vehicle.

1. If the axle toe is wrong and the steering wheel is straight, make equal adjustments on both sides. This will maintain the steering wheel position.

2. If the axle is toed out and the steering wheel is crooked, make your adjustment on the side the steering wheel is aimed away from. For example, if the steering wheel is aimed to the right, make the adjustment on the left side.

3. If the axle is toed in and the wheel is crooked, make your adjustment on the side the steering wheel is aimed toward. For example, if the wheel is aimed to the right, make the adjustment on the right side.

4. If during the use of option 2 or 3, the toe is corrected but the wheel is not straight, and the system has centering marks, take some toe out of one side and add an equal amount to the other side until the wheel is level. If the system does not have centering marks and has an adjustable drag link, you can change the drag link to center the wheel.