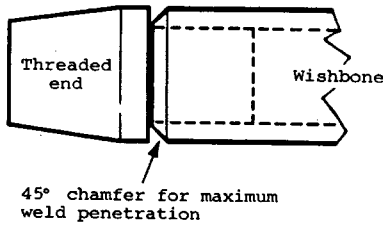
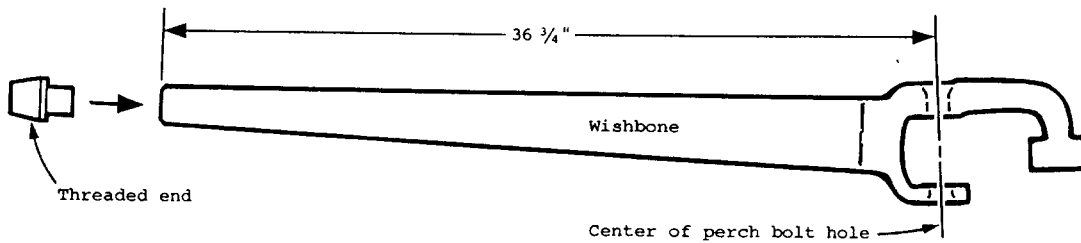




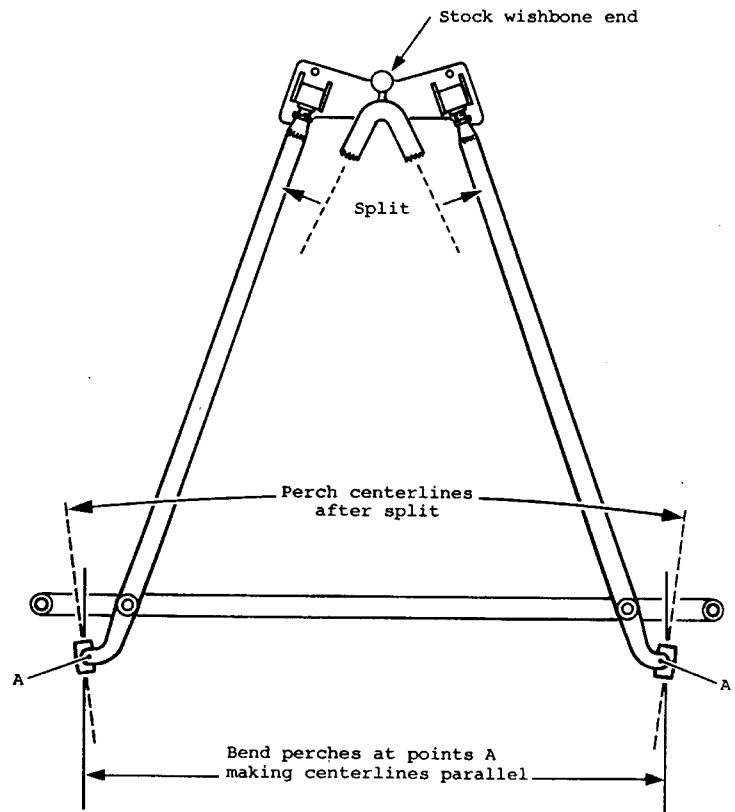
'35-'40 FORD

WISHBONE SPLITTING KIT

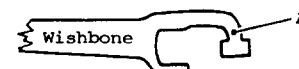
Pete & Jake's Hot Rod Parts • 401 Legend Lane •
 Peculiar, MO 64078 • Tech line 800-334-7240



Cut wishbone end off 36-3/4" from center line of perch bolt as shown. Grind a 45° chamfer on end to insure good weld penetration. Slip threaded end into the wishbone as square as possible, tack weld in 2 or 3 places, then weld all the way around end. Let the welded end cool down completely before installing adjustable end.



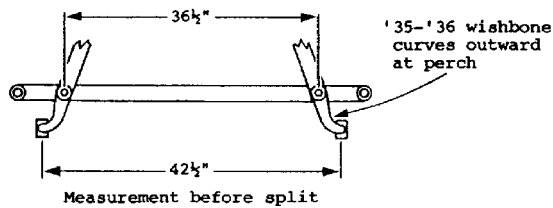
When the wishbone is split and moved apart at the rear, the angle of the spring perches will change. Because the perches must be parallel to each other to eliminate shackle bind, you must heat and bend the perches. This is done by pulling outward on a bar placed through the perch eye while heat is applied to the perch at point A. Be very careful not to overheat perch eye as it may distort. Let perches cool down naturally by themselves. Do not apply water to rush the cooling process.



TOP VIEWS

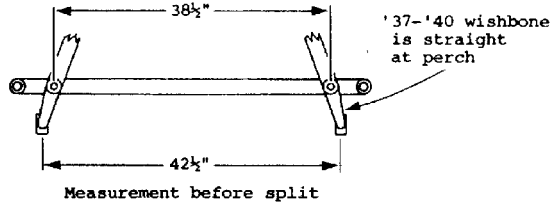
AXLE COMPARISON

A
'35-'36 wishbone with '32-'36 Ford axle or S/B I-beam axle with 2" perch boss



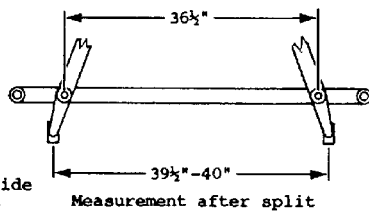
Use stock width spring

B
'37-'40 wishbone with '37-'40 Ford axle

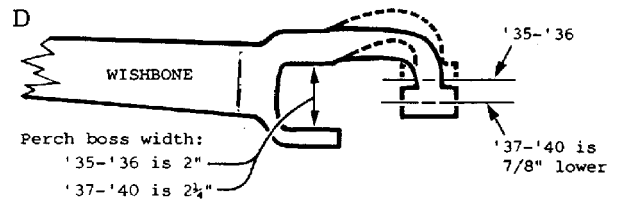
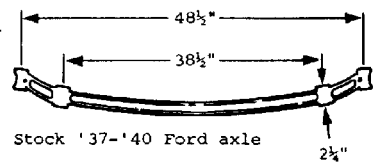
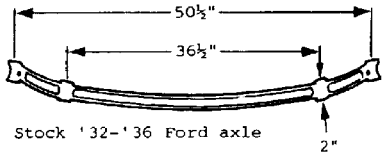
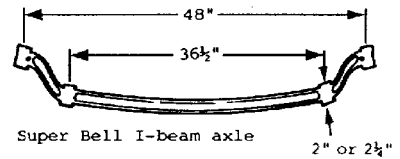


Use stock width spring

C
'37-'40 wishbone with S/B I-beam axle with 2 1/2" perch boss



Use Posies super slide spring #35-40 SB



Before getting started, study the illustrations above to become familiar with the differences between the axles and wishbones used in '35-'36 and '37-'40 Fords. Any of the front end combinations shown, A: basic '35-'36, B: basic '37-'40, C: '37-'40 wishbone using a Super Bell I-beam axle, will work in any '35-'40 Ford car or pickup. There are advantages and/or disadvantages to each set-up.

Things to know:

- 1) A '32-'34 Ford axle is dimensionally the same as a '35-'36. A Super Bell I-beam axle has the same perch bolt hole distance (36 1/2") as a '32-'36 axle. Therefore a dropped '32-'36 Ford axle or a Super Bell axle (having a 2" perch boss width) will work in a '35-'36 wishbone.
- 2) A dropped '32-'36 Ford axle or a Super Bell axle offers a maximum amount of drop with a minimum amount of heating and bending of the spindle tie rod arms to clear the axle for turning radius.
- 3) A dropped '37-'40 Ford axle offers very little drop and requires a maximum amount of heating and bending of the spindle tie rod arms to clear the axle for turning radius.
- 4) The '37-'40 wishbone mounts the spring approximately 7/8" lower, in relation to the axle, than a '35-'36 wishbone (illus. D). Perch boss width is 2" on '35-'36, and 2 1/4" on '37-'40.
- 5) The torsional sway stabilizer bar on '40 Fords interferes with Pete & Jake's shock kit #5001. The '40 stabilizer bar will not hook-up if using a '32-'36 Ford axle or a Super Bell axle.

Illustration A: The combination of a dropped '32-'36 Ford axle or a Super Bell I-beam axle and a '35-'36 wishbone works well using a stock width spring. However, stock perch width (at shackle hook-up) may cause tire interference with Pete & Jake's shock kit #5001 depending on tire size and/or wheel offset.

Illustration B: The combination of a dropped '37-'40 Ford axle and a '37-'40 wishbone works using a stock width spring. However, the disadvantages related to the spindle tie rod arm modifications necessary when using a dropped '37-'40 axle make this the least desirable set-up to use. Also, the stock perch width (at shackle hook-up) may cause tire interference with Pete & Jake's shock kit #5001 depending on tire size and/or wheel offset.

Illustration C: The recommended set-up! The combination of a Super Bell I-beam axle and a '37-'40 wishbone offers the maximum amount of drop and fender clearance. Because of the narrow perch bolt hole distance (36 1/2") of the Super Bell axle and the straight design of the '37-'40 wishbone perch, the overall width of the perches is reduced which eliminates the possibility of a tire interference problem when using Pete & Jake's shock kit #5001. The narrowed perch width requires the use of a narrowed spring. You can modify the stock spring by having the main leaf narrowed by a qualified spring shop, or better yet, use a Posies Super Slide spring #35-40 SB which is made specifically for this set-up. Available from: POSIES, 284 W. Main Street, Hummelstown, PA 17036 (717)566-3340.