

Tech-Talk

With Trev

Jaguar IFS 55 F100

Giday, here's a way to make your early pick-up truck handle and brake like the current show room crop, Jaguar series one , two and three Front suspension units are a good a solution to fix up the poor handling and braking performance of early trucks and cars

The front ends are a unit only requiring a set of shock mounts added to the top of the towers , the rest of the front end components are mounted on the unit



Remove all brackets accept rack mount



First start by removing the steering rack, followed by the springs , then the top and bottom control arms, the pins in the lower control arms may need to be heated to be removed, to do this, cut a hole in the under side of the cross member and heat the tube that the pin passes through, then try to turn the pin before driving it out with a rather big hammer and a drift

Cut a notch out of the rear side of the towers to clear the chassis (right), then set the front cross member under the chassis with the axle centre 15mm forward of the original position of the F100 axle, this will make the wheels more central in the wheel arch, once the cross member is in it's final position, cut out some mounting plates using 6mm plate, (as above), and drill three 1/2 inch holes, make sure that the middle bolt hole is off centre to clear the spring installation hole through the cross member, tac weld the plates to the chassis, remove the cross member to drill the holes through the chassis then reinstall the cross member, ensure the cross member is centred on the chassis ,and is square to the centre line of the chassis , weld the plates to the cross member, install some web plates between the mounting plates and tower , install the weld on shock mounts (VRC), then remove cross member from the chassis to fully weld, then reinstall using 1/2 inch grade 8 bolts.



*Till next time,
Trev*