

FORD MOTOR CO. (Cont.)

NOTE — DO NOT use bumper jack on other than Ford, Mercury, Lincoln or Mark VI models.

Hoisting — Ensure that hoist manufacturer's instructions are followed. Frame contact must be made and adapters used to lift vehicle in accordance with frame contact chart and Fig. 5. On Escort and Lynx models, front contact points are at front body rail behind suspension arm-to-body bracket. Rear contact points are forward of tie rod body brackets.

CAUTION — Do not allow hoist or adapters to contact suspension, exhaust or steering components.

FORD FRAME CONTACT CHART

MEASUREMENT FOR FRAME CONTACT POINTS (IN.)				
Model	A	B	C	D
Capri & Mustang	17.5	75.0	12.0	24.0
Continental Mark VI, Ford & Mercury	21.5	97.5	23.0	25.0
Cougar & Granada	21.5	83.5	26.4	26.4
Fairmont & Zephyr	20.7	82.5	15.8	17.4
Lincoln Continental, Thunderbird & XR-7	22.0	83.4	25.0	27.5
Lincoln Town Car	21.5	100.5	23.0	25.0

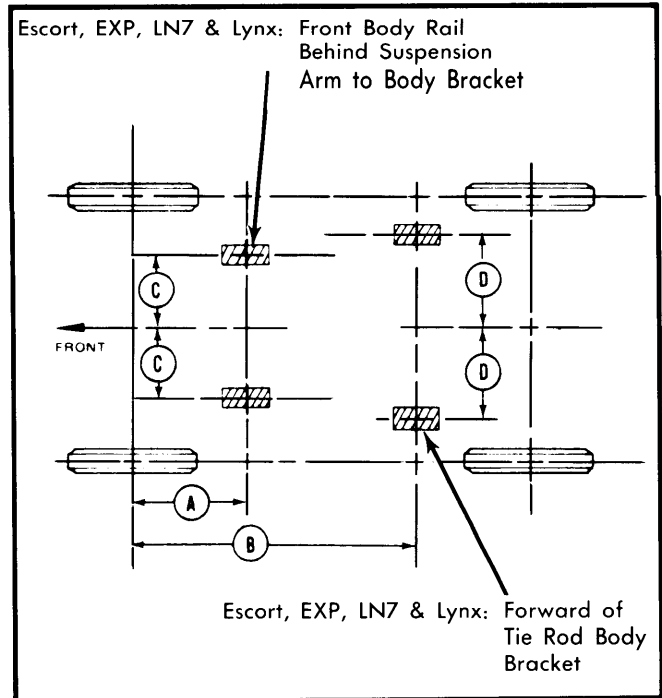


Fig. 5 Ford Motor Co. Frame Contact Points

GENERAL MOTORS

BUICK

Axle Contact Hoist — Hoist should contact front lower control arms or front crossmember, and rear axle as shown in illustrations.

Frame Contact Hoist — Proper adapters must contact vehicle in areas shown in illustrations. Adapters must be positioned to distribute load and support vehicle in a stable manner. Do not allow lift pads to contact catalytic converter or other exhaust system components.

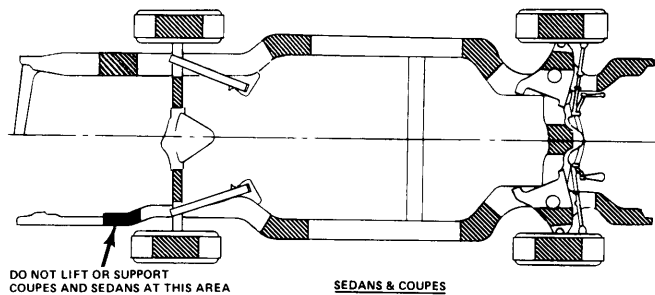


Fig. 6 Buick Lifting Points (Except Century, Skylark & Riviera)

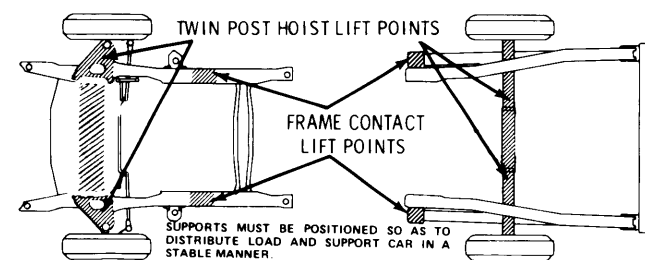


Fig. 7 Buick Lifting Points (Century & Skylark)

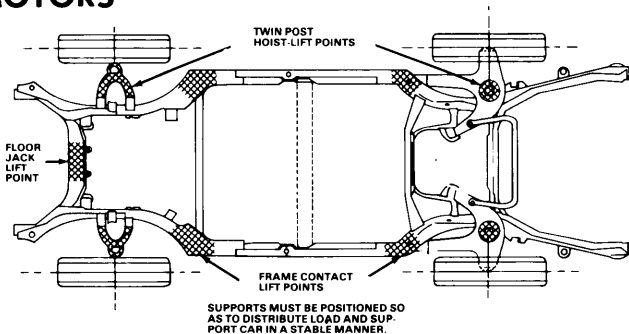


Fig. 8 Buick Riviera Lifting Points

NOTE — For Skyhawk lifting points, see Fig. 10 (same as Cimarron)

CADILLAC

Floor Jack — Do not use floor jacks under frame side rails at midcar area on coupes or at center pillar area on sedans, or at any other position that is unboxed.

NOTE — Preferred type of hoist for lifting all Cadillac cars is one which engages front suspension and rear axle or all four wheels. Use bumper jacks only in slotted areas.

Rail & Fork Lift (Twin Post) Hoist (Exc. Eldorado & Seville) — Be sure car is properly centered over hoist and hoist arms are positioned under flattened part of lower control arm flange (outboard of safety locators). Do not lift by rear lower control arms.

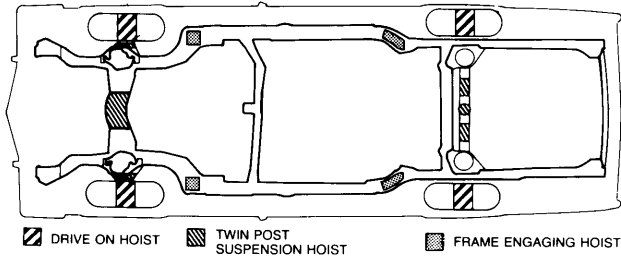
Jacking & Hoisting

GENERAL MOTORS (Cont.)

Rail & Fork Lift (Twin Post) Hoist (Eldorado & Seville) — Be sure centerline of door is behind centerline of hoist for proper weight distribution. Front saddle should engage front control arms just inboard of stabilizer linkage. Rear hoist adaptors must contact lower rear control arms.

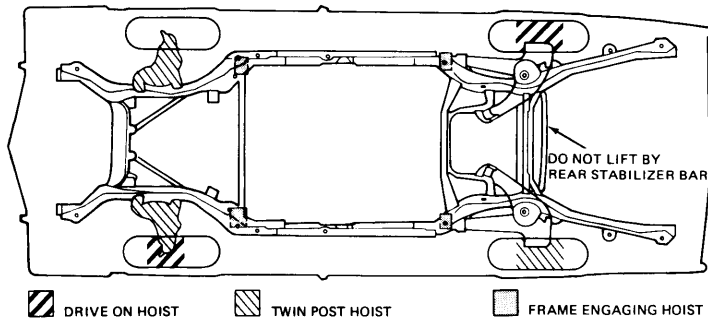
Frame Contact Hoists — Hoist must contact frame only at points indicated by shaded areas in illustration.

CAUTION — Do not lift Series 75 or Commercial Chassis cars on frame contact hoist as severe stress and misalignment will result due to length of frame and car.



SUPPORTS MUST BE POSITIONED SO AS TO DISTRIBUTE LOAD AND SUPPORT CAR IN A STABLE MANNER. CARE MUST BE EXERCISED TO ENSURE THAT PLACEMENT OF SUPPORTS DOES NOT DAMAGE BRAKE LINES, FUEL LINES, PARKING BRAKE CABLE, OR EXHAUST SYSTEM.

Rear Wheel Drive Models



SUPPORTS MUST BE POSITIONED SO AS TO DISTRIBUTE LOAD AND SUPPORT CAR IN A STABLE MANNER. CARE MUST BE EXERCISED TO ENSURE THAT PLACEMENT OF SUPPORTS DOES NOT DAMAGE BRAKE LINES, FUEL LINES, PARKING BRAKE CABLE OR EXHAUST SYSTEM.

Front Wheel Drive (Except Cimarron)
Fig. 9 Cadillac Lifting Points

CAUTION — Do not raise vehicle using rear lower control arms or sway bar.

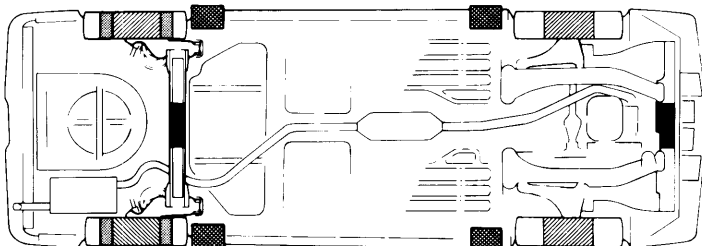


Fig. 10 Cadillac Lifting Points (Cimarron)

CHEVROLET

Hoisting — Extreme care must be used when hoisting to avoid contact with catalytic converter or other exhaust system components. Adapters must be used to prevent damage to steering linkage and other components when hoisting. Follow hoist manufacturer's instructions, ensuring that hoist contact is made in the shaded areas illustrated. DO NOT lift on rear lower control arms.

NOTE — Use of bumper jack should be limited to tire changes and other emergency service. It should not be used to lift the car for repairs.

Floor Jack — Jack may be used under rear axle (except Corvette) or front suspension lower control arms while observing the following precautions. Do not lift at rear axle on El Camino, Malibu or Monte Carlo equipped with rear stabilizer. Never use jack on any part of underbody. Do not raise entire side of vehicle with jack midway between front and rear wheels. Do not allow lifting plate fingers to contact axle cover plate when lifting from rear axle housing.

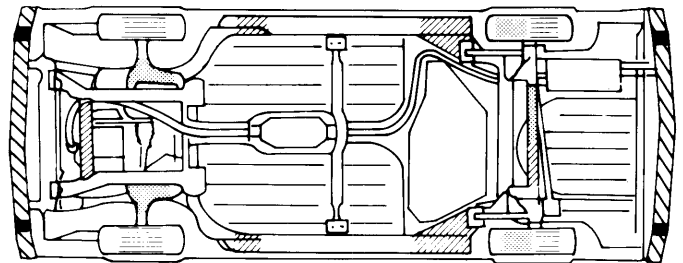


Fig. 11 Celebrity & Citation Lifting Points

NOTE — For Cavalier lifting points, see Fig. 10 (same as Cimarron).

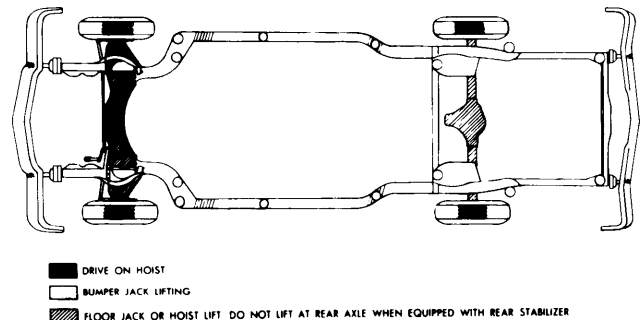


Fig. 12 El Camino, Malibu & Monte Carlo Lifting Points

GENERAL MOTORS (Cont.)

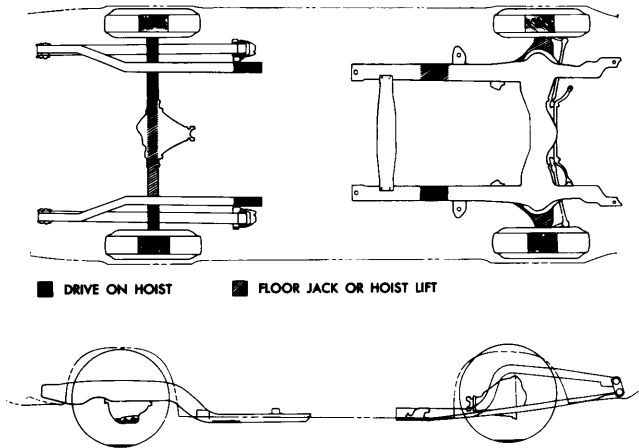
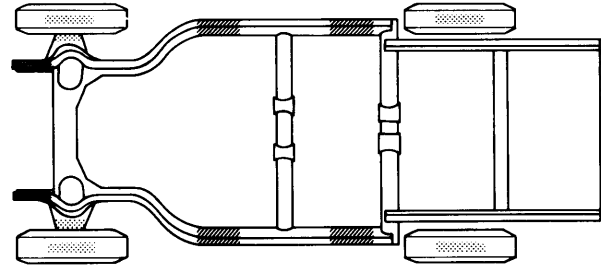


Fig. 13 Camaro Lifting Points



NOTICE: To help avoid damage to fiberglass spring when lifting vehicle, do not allow hoist, jack or towing equipment to contact spring.

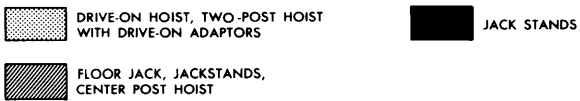
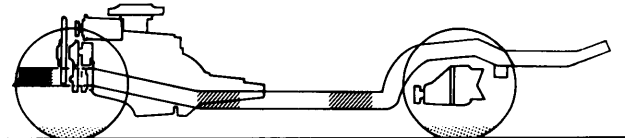


Fig. 16 Corvette Lifting Points

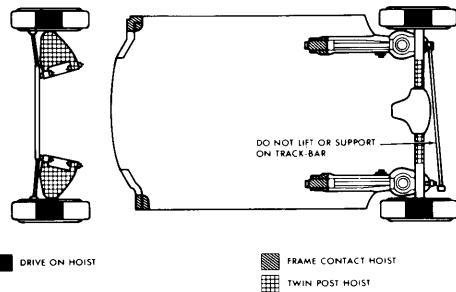


Fig. 14 Chevette Lifting Points

OLDSMOBILE

Jacking (Floor Jack) – Jack may be used under rear axle or front suspension lower control arms while observing following precautions: Never use jack on any part of underbody. Do not raise entire vehicle with jack midway between front and rear wheels, or permanent body damage may result. Do not allow lifting plate fingers to contact axle cover plate when lifting from rear axle housing.

NOTE – Use of bumper jack should be limited to tire changes and other emergency service. It should not be used to lift the vehicle for repairs.

Frame Contact Hoist – Hoist must be equipped with proper adapters so vehicle will be supported in correct locations as shown in illustrations. Lifting pads must never contact catalytic converter or other exhaust system components as damage will result.

Rail & Twin Post Hoist – Hoist must contact front suspension lower control arms, and rear axle tubes or rear axle housing. Do not lift vehicle by rear lower control arms.

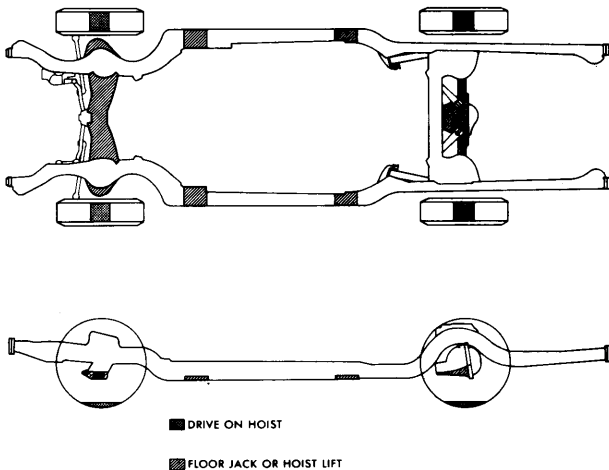


Fig. 15 Caprice and Impala Lifting Points

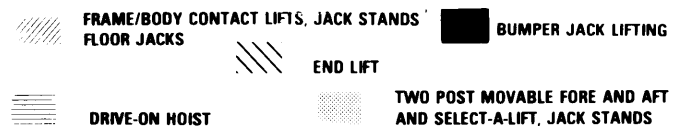
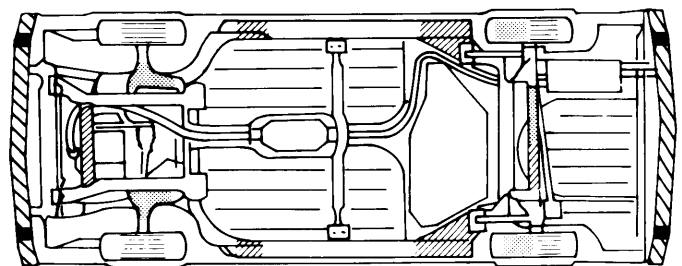


Fig. 17 Cutlass Ciera & Omega Lifting Points

Jacking & Hoisting

GENERAL MOTORS (Cont.)

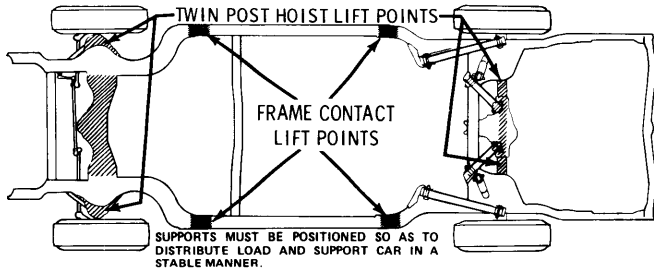


Fig. 18 Cutlass, 88 and 98 Lifting Points

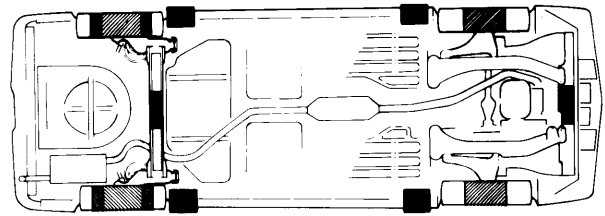


Fig. 21 J2000 Lifting Points

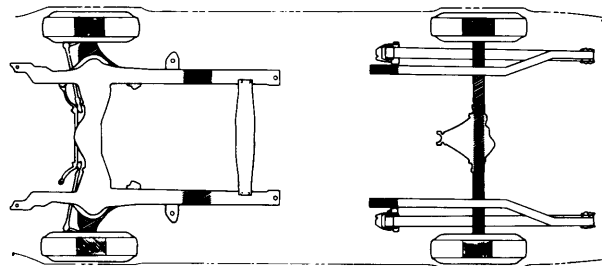


Fig. 22 Firebird Lifting Points

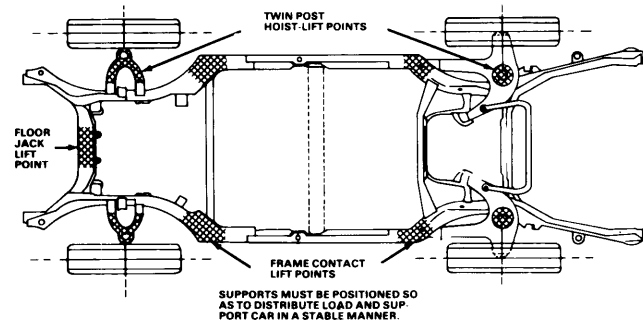


Fig. 19 Toronado Lifting Points

PONTIAC

Hoisting – Ensure that no part of vehicle contacts hoist except as shown in following illustrations. Use adapters to avoid contact with catalytic converter and exhaust system components.

Jacking – Floor jack may be used to lift vehicle at shaded areas indicated on diagrams. Use of bumper jack to raise vehicle for service other than tire repair, is not recommended.

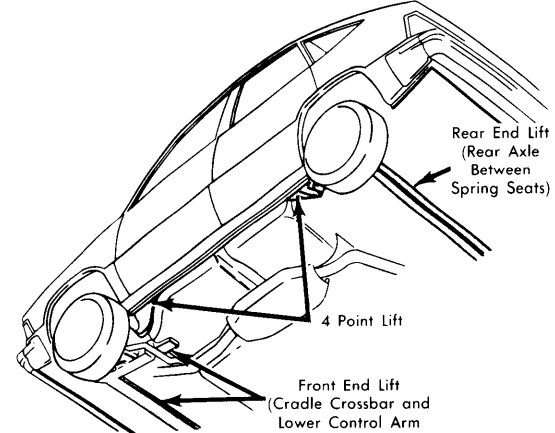


Fig. 23 Phoenix & 6000 Lifting Points

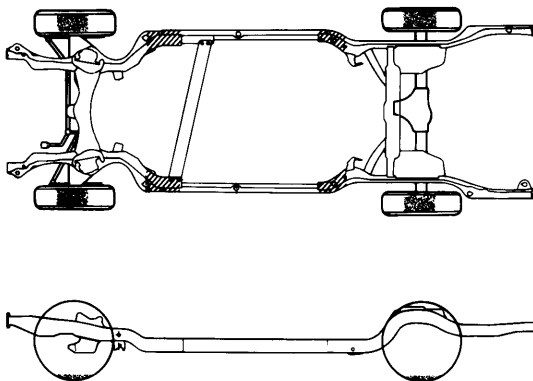


Fig. 20 Bonneville & Grand Prix Lifting Points

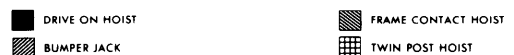
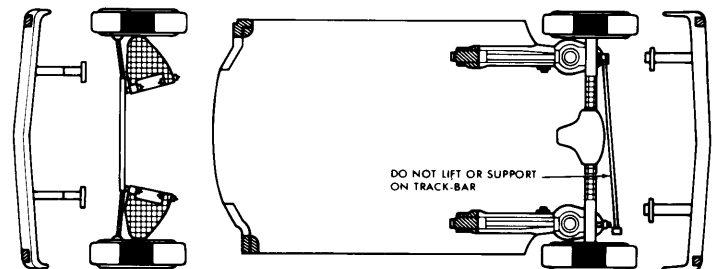


Fig. 24 T1000 Lifting Points