

Seat Belt Warning Systems

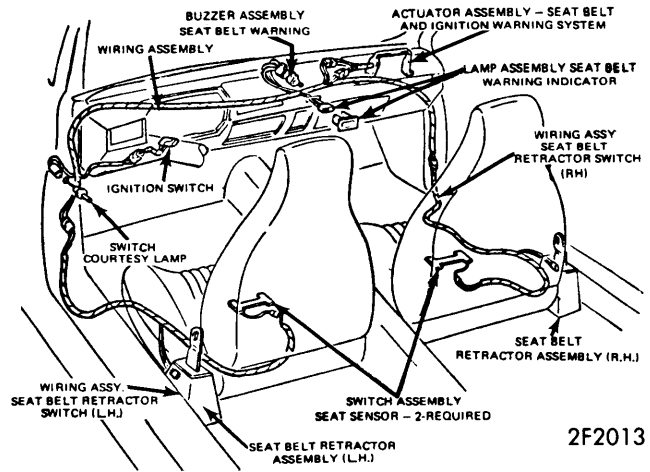
1972-73 ALL MODELS

American Motors
Chrysler Corp.
Ford Motor Co.
General Motors

DESCRIPTION & OPERATION

The front seat belt reminder system consists of a weight sensing switch in seat cushion on passenger side, a switch in each lap belt retractor, a reminder light and buzzer, a neutral safety switch on automatic transmission cars, or a back-up light switch, or parking brake release switch on manual transmission cars. Electrical circuit wiring is routed through ignition switch, reminder light, warning buzzer, and neutral safety switch. The circuits to reminder light and warning buzzer are incomplete when ignition key is on, if transmission selector lever is in "Park", "Neutral" or "Reverse". When transmission lever is placed in any forward gear, system is activated. **NOTE** - On some occasions, seat belt warning system will operate even though no one is sitting on passenger seat. Suitcases, handbags, or packages lying on seat could activate the pressure sensitive switch. Objects such as a seat belt buckle wedged between seat back and cushion could also activate system. On Ford Pintos a starter interlock system has been included. This new system prevents the engine from being started if the seat belts are not fastened. The starter interlock system is activated when driver enters left door and sits on the seat. If the belts of occupied front seats are not extended and buckled, the engine will not start. To overcome this interlock mode, the driver must pull the belt from the stowed position. If a passenger or a heavy object is sensed by the passenger seat, that seat belt must also be extended and buckled before the engine will start.

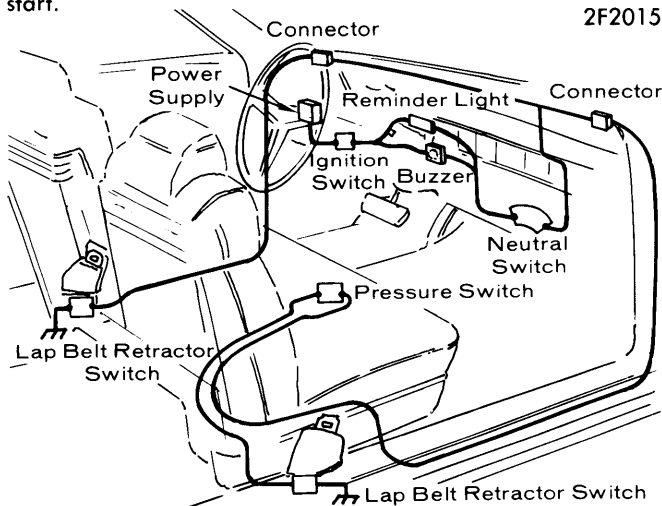
uses back-up light switch). Defective parking brake release switch on cars with manual transmission (Exc. Ford which uses a "Neutral Sensing Switch").



PINTO WITH IGNITION INTERLOCK

SYSTEM WILL NOT SHUT OFF

Pinched ground circuit wire. Inoperative seat belt retractor, or sensing switch.



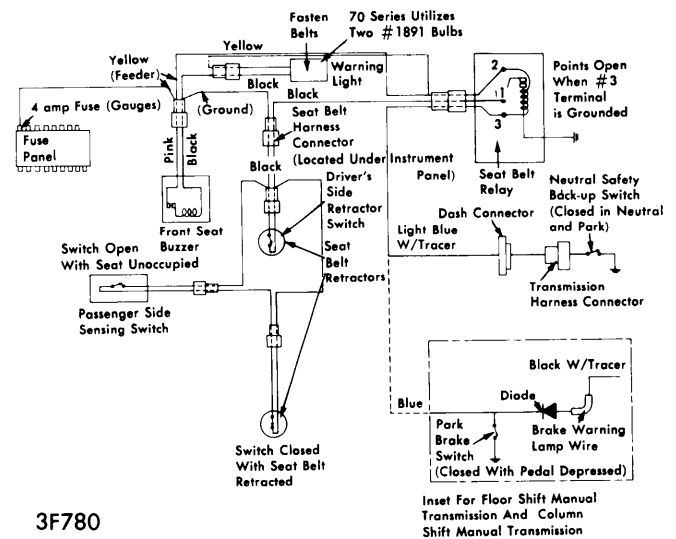
TYPICAL SEAT BELT COMPONENT LOCATION

TROUBLE SHOOTING & DIAGNOSIS

NOTE - On California Chrysler Imperial, if the seat belt warning system functions normally with engine running, but does not function with engine off, electric fuel pump wiring assembly has a shorted diode. Replace diode, part No. 3588597.

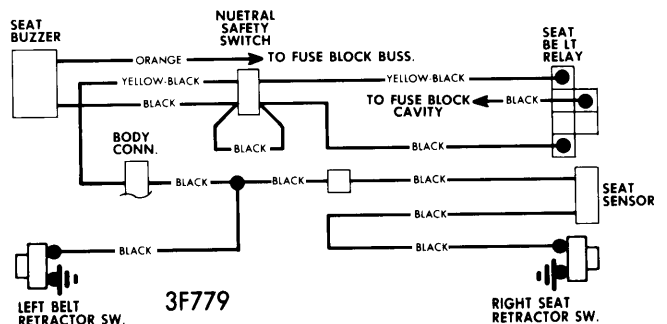
SYSTEM WILL NOT OPERATE

Open feed or ground circuit. Blown fuse. Inoperative seat belt retractor or sensing switch wiring. Defective neutral safety switch on cars with automatic transmission (Exc. Ford which



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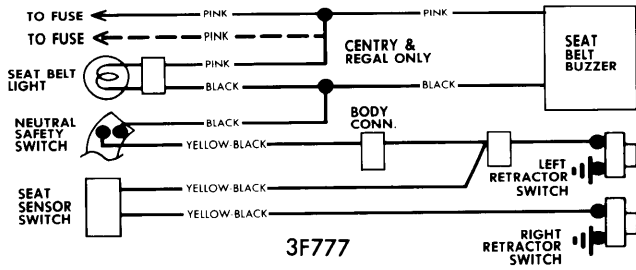
1972-73 AMERICAN MOTORS



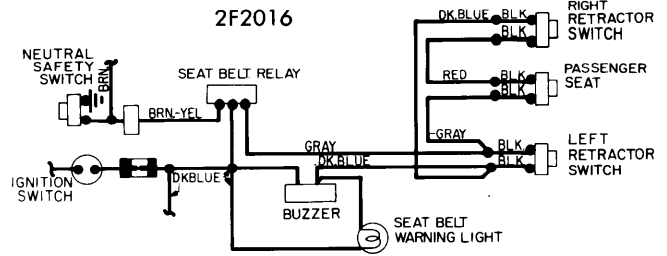
1973 APOLLO WITH AUTO. TRANS.

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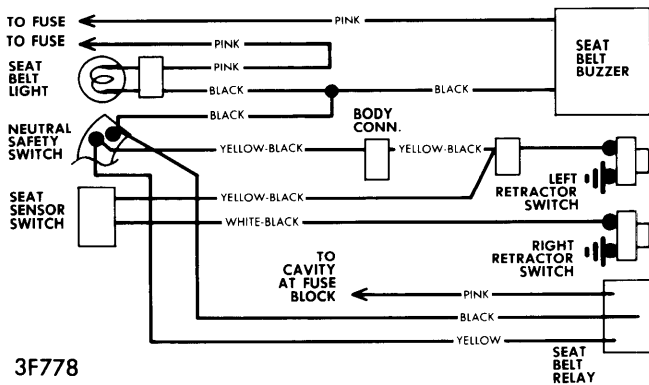
1972-73 ALL MODELS (Cont.)



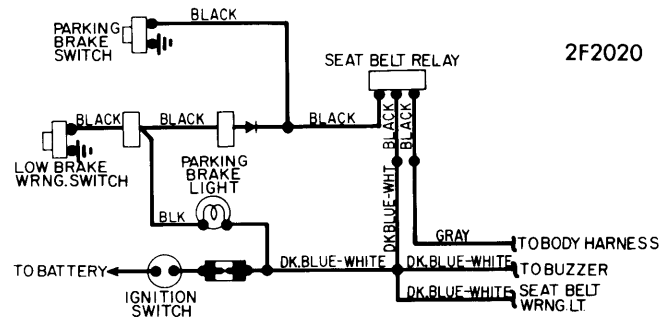
1972-73 BUICK WITH AUTO. TRANS.



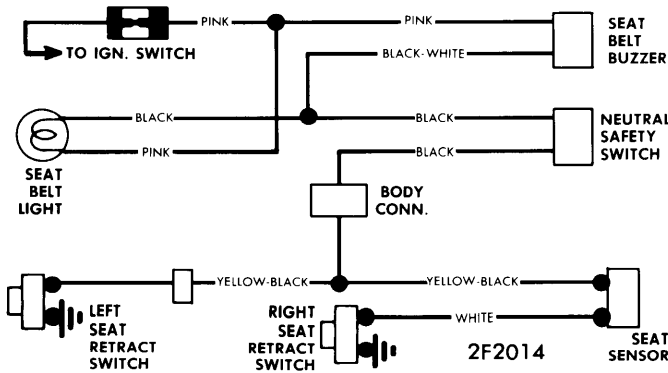
1972-73 CHRYSLER CORP. WITH AUTO. TRANS.



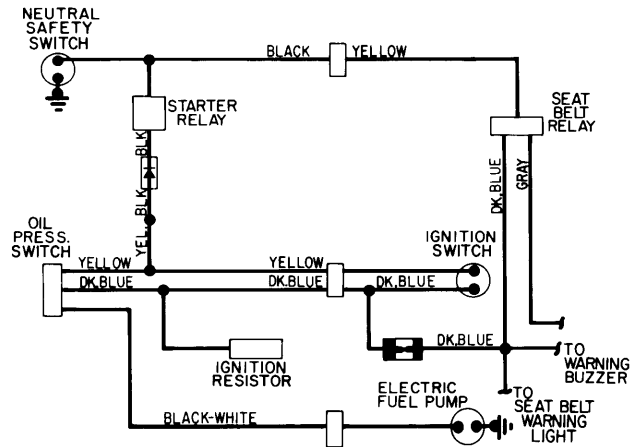
1972-73 BUICK WITH MAN. TRANS.



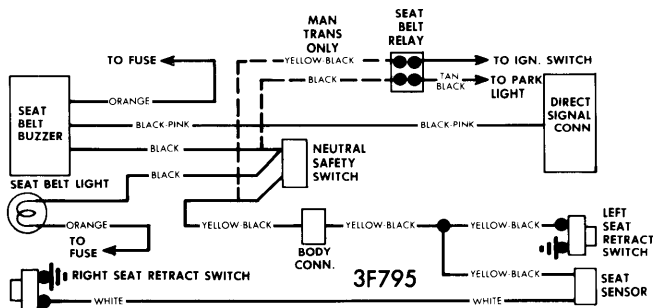
1972-73 CHRYSLER CORP. WITH MAN. TRANS.



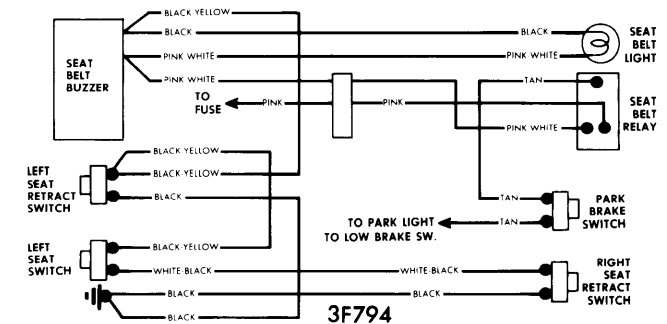
1972-73 CADILLAC



1972-73 CHRYSLER IMPERIAL (CALIF. ONLY)



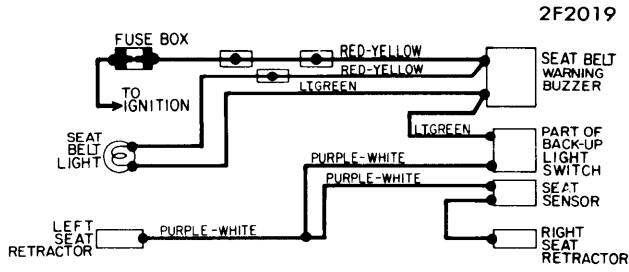
1972-73 CHEVELLE & MONTE CARLO



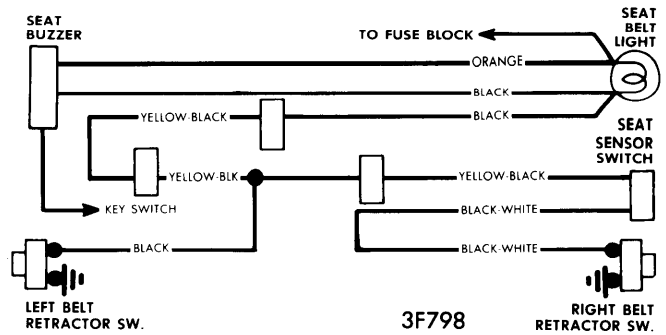
1972-73 CORVETTE

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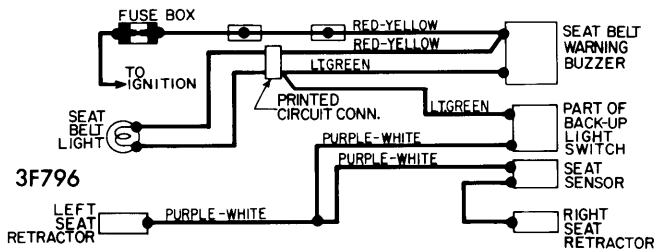
1972-73 ALL MODELS (Cont.)



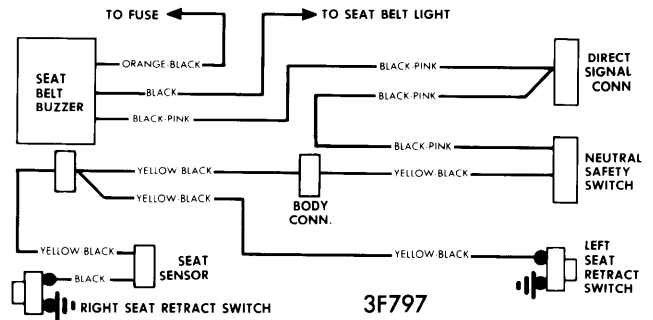
1972 FORD MOTOR CO.



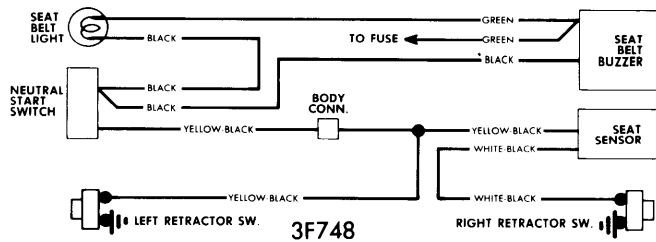
1973 OMEGA



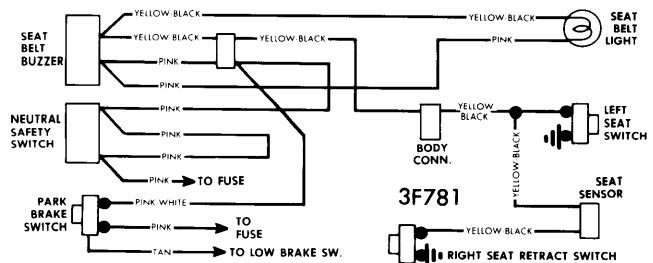
1973 FORD MOTOR CO.



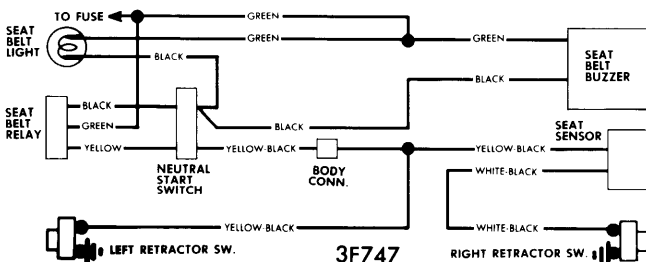
1972-73 PONTIAC



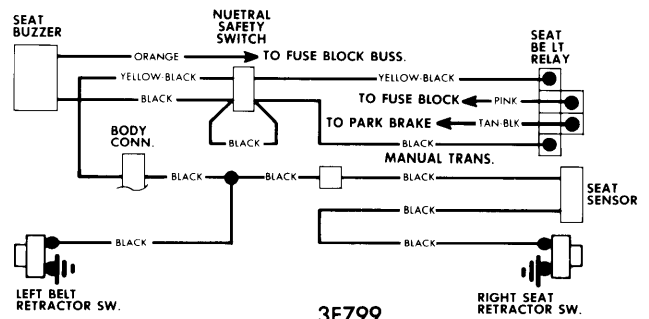
1972-73 OLDSMOBILE WITH AUTO. TRANS.



1972-73 VEGA



1972-73 OLDSMOBILE WITH MAN. TRANS.



1972-73 VENTURA & NOVA