MOTOR VEHICLE INSPECTION CHECKLIST

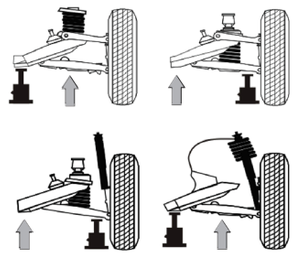
- **FILL OUT I.D. PORTION OF MVI-2 FORM**
- **OBTAIN VIN FROM VEHICLE**
- **DRIVE VEHICLE FOR BRAKE PERFORMANCE**
- **INTERIOR OF VEHICLE**
  - ✓ Steering Wheel Bind and Play
  - ✓ Brake Pedal Power-Brake Reserve
  - ✓ Brake Warning Light
  - ✓ Windshield Wiper Operation
  - ✓ Mirrors
  - ✓ Seat Belts - 1965 & Later (Passenger Vehicles)
  - ✓ Seat Belts - 1971 & Later (Pickup Trucks)
  - ✓ Driver's Seat
  - ✓ Horn
  - ✓ High Beam Indicator
  - ✓ Glazing (Glass)
- OUTSIDE OF VEHICLE
  - ✓ Wiper Blade Condition
  - ✓ Rear Lights
  - ✓ Signal & Brake Lights
  - ✓ Reflectors
  - ✓ Gas Filler Cap
  - ✓ Front Lights
- BUMPERS
  - ✓ Maximum Bumper Heights

	Front	Rear
• Passenger Vehicles	22 in.	22 in.

  - ✓ Commercial Motor Vehicles Determined By Gross Vehicle Weight Rating (GVWR)

	Front	Rear
• 4,500 lbs. and under	24 in.	26 in.
• 4,501 lbs. — 7,500 lbs.	27 in.	29 in.
• 7,501 lbs. — 9,000 lbs.	28 in.	30 in.
• 9,001 lbs. — 11,500 lbs.	29 in.	31 in.

- UNDER HOOD
  - ✓ Master Cylinder Unit
  - ✓ Power Steering Unit
  - ✓ Upper Control Arms
  - ✓ Steering Components (tie rods, steering box, strut mounting)
- AIR POLLUTION DEVICES
  - ✓ P.C.V. System
  - ✓ Air Injection
  - ✓ T.A.C. System
  - ✓ Spark Control
  - ✓ Exhaust Gas Recirculation
  - ✓ Oxygen Sensor
  - ✓ Evaporative Emissions System
  - ✓ Catalytic Converter
- RAISE VEHICLE WITH BALL JOINTS IN "LOADED" POSITION
- START ENGINE
  - ✓ Exhaust System
  - ✓ Catalytic Converter(s)



NOTE:
- Arrows Indicate Loaded Position.
- Jacks Indicate Position To Unload Ball Joints.

  - ✓ Tires and Wheels
  - ✓ Wheel Bearings
  - ✓ Brake Lines & Hoses
  - ✓ Fuel System
  - ✓ Spring/Torsion Bar
  - ✓ Shock Absorbers
  - ✓ Front Wheel/King Pin Play
  - ✓ Tie Rod Ends (FRT/Rear)
  - ✓ Idler Arm
  - ✓ Pitman Arm
  - ✓ Stabilizer Links (FRT/Rear)
  - ✓ Lower Control Arms (FRT/Rear)
  - ✓ W. I. Type Ball Joints (FRT/Rear)
- STOP ENGINE
- REMOVE WHEEL AND INSPECT BRAKE COMPONENTS
- RE-HOIST VEHICLE WITH BALL JOINTS IN "UNLOADED" POSITION TO INSPECT STANDARD BALL JOINTS
  - ✓ Inspect McPherson Struts with ball joints unloaded
- COMPLETE MVI-2 FORM
- REJECT OR APPROVAL
- COLLECT PROPER FEE

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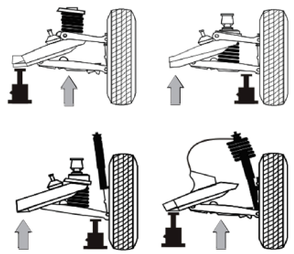
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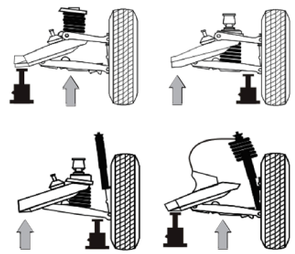
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CHECK

OFFICIAL
VEHICLE
INSPECTION STATION



MISSOURI STATE MOTOR VEHICLE INSPECTION HIGHWAY PATROL

MISSOURI STATE HIGHWAY PATROL

CHECK

OFFICIAL
VEHICLE
INSPECTION STATION



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