

VEHICLE CHECK LIST

The following list will assist with your final check of the vehicle prior to inspection by members of the Street Rod Committee.

ENGINE

- Adequate and suitable mounting system.
- Will engine be supported in the event of mounting failure?
- Check clearances for steering and throttle linkages/fuel and brake lines/exhaust etc.
- Check for proper operation of throttle and return springs
- Adequate radiator supports
- Is exhaust system securely mounted and does it comply with acceptable noise levels
- Flywheel to be fully shrouded

TRANSMISSION AND DRIVELINE

- Adequate and suitable mounting system
- Check clearances for fuel/brake lines and hand brake cables
- Is pinion angle correct
- Is Tailshaft restrained
- Is front yoke correctly engaged
- Check clearances for shift and clutch linkages
- Reversing lights switch must be linkage activated
- Automatic Transmission must have reverse lock-out
- Automatics must only start in Park or Neutral and shift pattern must be marked

REAR SUSPENSION

- Suitable springs, shocks, bushes and mountings
- Check shock travel, bump stops, spring retention etc.
- Ensure that there are no obstacles limiting suspension travel
- Make sure the geometry is correct
- Check scrub line

FRONT SUSPENSION

- Suitable springs, shocks, bushes and mountings
- Check shock travel, bump stops, spring retention etc.
- Vehicle must be fitted with a positive travel limiting device in the event of spring failure
- Are all components compatible
- Make sure geometry is correct and the ackerman principle has been applied
- Ensure that there are no obstacles limiting suspension travel
- Check scrub line

STEERING SYSTEM

- Adequate mounts, welding etc.
- Component compatibility and strength
- Make sure geometry is correct and the ackerman principle has been applied
- Ensure that there are no obstacles limiting suspension travel
- Check steering linkage/column - have correct universals/bushes/rod ends been used
- Has column been correctly and securely mounted
- Has the correct size steering wheel been fitted
- Have steering lock stops been fitted

VEHICLE CHECK LIST

BRAKING SYSTEM

- Compatibility of all components
- Is master cylinder displaced volume adequate with available linkage travel
- Is the pedal effort acceptable
- Check the mounting of pedal, linkage, callipers etc - make sure of adequate clearances
- Can the linkage support 200lb force at the pedal
- Lines to be either steel or stainless steel and must be adequately clamped
- All flexible lines must be SAA Standard Approved and must not foul any moving part
- Booster to be securely mounted and vacuum line safely routed
- Emergency Brake to be separate mechanical system securely mounted with effective leverage

WHEELS AND TYRES

- Maximum rim size 10" with no more than 60% variance from front to rear
- Tyres and Rims must be highway approved
- All tyres must be of the same carcass
- Correct nuts and washers to be used
- Tread cover to meet at least minimum standards

CHASSIS

- Materials used to comply with the dimensions and gauge set out in the guidelines
- Must be of sufficient strength and have additional reinforcement where necessary
- Welding and workmanship to be at an acceptable standard
- Body/suspension mounts and bracing must be adequate

GENERAL

- Fuel system must be safely installed with no leaks
- Check position of all lights and ensure that they operate as required
- Battery to be securely mounted with retaining device
- All wiring to be insulated and safely fused
- Check ergonomics - control layout, seating position, visibility etc.
- Are seat belts approved and mounted correctly
- Ensure that all seats are securely fitted
- Suitable fasteners to be used throughout vehicle and must be correctly installed
- Does all glazing meet the standards set out in the guidelines
- Wipers and washers to be fitted and operational where required
- Check whether vehicle requires a demister
- Is speedo and/or Tacho working accurately
- Check turn signal and high-beam indicators
- Check that all door locks/latches/winders operate correctly
- Check for worn components or leaks etc
- Make sure that no critical components have been chromed eg. main spring leaf

ROAD TEST

General

- Is the vehicle capable of being driven safely and all controls easily accessed
- Check steering for excessive effort, scrub, tracking etc.
- Does the steering "self centre"
- Is the vehicle controllable in emergency situations

Brakes

- Can you easily access the pedal in an emergency
- Is handbrake accessible in an emergency and able to be easily released
- Does the front or rear brakes lock up prematurely