

Final Enduro Checks

- Full fuel tank
- Tire pressures
- Lug torque all four wheels
- Inspect tires for tears, cuts, or punctures

- Front hub nut torque and safety “notch”
- Play in front wheels, bearing, hub

- Clear radiator screen
- Radiator visual inspection - rock impacts
- Check radiator fluid and cap
- Check oil level
- Check oil cap
- Check brake fluid level and cap
- Check clutch fluid level and cap

- Radiator mount bolts
- Radiator drain plug sealed
- Radiator hoses – tears, leaks, hose clamps
- Heater Core hoses new, clamped, foil wrapped

- Master cylinder mounts
- All master cylinder hard line connections tight

- Hood latch

- Front Brake caliper mounts
- Front brake caliper sliders
- Inspect that pads are seated correctly
- Inspect front brake rotors for cracks or warping
- Bleed screw tight
- Inspect flex lines for leaks or chafing

- Front upper and lower control arms bolts and eccentrics
- Front upper and lower control arm bushings – check for play
- Upper and lower shock mounts
- Steering tie-rod bolts, rod ends
- Front sway bar – ends and pillow blocks
- Front knuckle – inspect of cotter pin condition
- Motor mounts
- Belly pan mounts

- Spark plug wires – at the coil pack – zip tied
 - Spark plug wires – at the plugs
 - Coil pack mounted firmly
 - CAS mark position and loctite bolt
 - All electrical connectors inside the engine compartment
 - All headlight wiring / connections / mounts
 - Check brake lights – both operational
 - All hose clamps in engine compartment
 - Inspect throttle cable
 - Gas pedal stop set to prevent cable stretching/throttle body damage
 - Inspect all vacuum hoses for cracks
 - Alternator wires loctite and taped
 - Fuel test port and fuel lines for leaks
 - Intake manifold bolts
 - Exhaust manifold bolts
 - Check exhaust header for cracks
 - Valve cover bolts
 - Inspect valve cover for leaks
 - Downpipe bolts
 - Exhaust junction bolts
 - Listen for exhaust leaks
 - O2 sensor tight in downpipe
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- Steering linkage bolts
 - Ground strap nuts
 - Electrical connections to transponder
 - 2nd transponder installed correctly
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- Starter bolts
 - Crank pulley bolts
 - Inspect alternator belt for cracks and tension
 - Alternator bolts
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- Steering wheel bolts
 - Steering wheel quick release bolts
 - Seat bolts – side mounts
 - Seat bolts – under car to-floor mounts
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- Hard top mounts
 - Fuel release condition
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- Shifter bolts
 - Shifter top has fluid in it

- Radio connections
 - Light switches
 - Ensure headlights are all operating OK (actually install night lights temporarily)
 - Test defroster and interior blowers
 - Windshield wipers (test and check bolts and wiper blade condition)
 - Data and shift lights
 - Fuel gauge
 - Temp gauge
 - Radio check
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- Check rear wheels for any play (hub, bearings, bushings)
 - Rear hub nut torque and safety “notch”
 - Wheels studs – any play – threads ok
 - Rear upper and lower control arms bolts and eccentrics
 - Rear upper and lower control arm bushings – check for play
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- Rear Brake caliper mounts
 - Rear brake caliper sliders
 - Inspect that pads are seated correctly
 - Inspect rear brake rotors for cracks or warping
 - Bleed screws tight
 - Inspect flex lines for leaks or chafing
 - Inspect rear hard brake lines that run across car (and to front)
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- Tranny drain bolt
 - Engine drain bolt
 - Slave cylinder mount bolts
 - Inspect slave cylinder
 - Tranny bell housing bolts
 - Speedo cable tight
 - Trans rear main seal
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- PPF bolts – front and back
 - Sub-frame brace bolts
 - Diff mount bolts
 - Drive shaft bolts
 - drive shaft u joints (visual)
 - Inspect Half shaft seals and boots
 - Diff side seals
 - Inspect fuel filter and connections
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- Sub frame bolts
 - Diff “ear” mount bolts

- Upper rear shock hat bolts
- Lower rear shock bolt
- Sway bar bolts ** Practice disconnecting and reconnecting with car on ground?
- Exhaust bolts and hangars
- Check exhaust safety wiring
- Nitrogen pressure check the JRZ's in Oren

- Fender lips – nothing rubbing
- RainX windshield
- FogX inside of windshield

- Battery mount bracket
- Battery terminals – tight and covers in place

Just before rolling to grid:

- Fuel level
- Fuel cap tight
- Under hood – oil cap, brake fluid, clutch fluid, radiator cap – all tight
- Torque all lugs
- Tire pressures