CMS
CaliforniaMotorSports.net
2175 N. KIOWA BLVD STE 108, LAKE HAVASU CITY AZ 86403
928-855-5755 VOICE, 928-855-6021 FAX

RING AND PINION BREAK IN

It's recommended that all new ring and pinions undergo a break in procedure to help ensure the longest life possible and to prevent irreversible damage or a premature failure.

New gears are only "lapped in" and are not "run in" yet. New gears will typically generate higher than normal temperatures initially, but excessive heat buildup can soften the gear teeth.

Street cars should be driven at normal speeds approximately 10-15 miles then stop and let cool. Repeat this 2-3 times. Do not drive at full throttle or create shock loads. For the next 200 miles or so also drive gently. At approximately 500 miles the gear lube should be changed or filtered.

Race cars should run 4-8 laps and then let cool. Do not drive full throttle or create shock loads. Repeat 3-4 times. Before even doing this, if possible, run on lift or jack stands for 3-5 minutes each in forward and reverse. Running on a chassis dyno is not advised. Change or filter the gear lube after break in.