

John Clark - Thursday, July 11, 2002 02:49 PM

I have a MKII RS2000 and I am restoring it and the motor is out and I have rebuilt it. I have been told that I should get my flywheel lightened-why? should I get it lightened is it worth it?
Thanks, John

Old Skool - Friday, July 12, 2002 11:38 AM

What's the intended use of the car John.... race, rally, street....

John Clark - Friday, July 12, 2002 03:16 PM

It is mainly going to be for street use but I am going to take it to some car shows and will take it to the Thursday night drags and compete.
John

Albert Del Medico - Friday, July 12, 2002 05:26 PM

John, for drags, a bit of weight will benefit your launches, a lightened flywheel will give a lesser torque effect.
Regards, Albert

Scott Waldron - Saturday, July 13, 2002 05:13 AM

Albert,
shouldn't it be a lighter flywheel will assist launching. Because you can have more revs off the line..... less inertia associated to a light flywheel.
Cheers, Scott

Danny Mischok - Saturday, July 13, 2002 06:48 AM

A lighter flywheel will help the engine accelerate and if the engine is relatively standard then it will still have enough drivability
So go for make it as light as you can but do not make it lighter than the pressure plate.
Danny

Albert Del Medico - Saturday, July 13, 2002 09:44 AM

A heavier flywheel will hold more inertial energy that will assist launching the car, after that it does become a hindrance. Since we are talking about a 2L motor as opposed to a 6 or 8 with plenty of torque, a lightened flywheel can lead to bogging down on the start.
Regards, Albert

Danny Mischok - Sunday, July 14, 2002 07:17 AM

Albert if you're only lightening a standard flywheel then you wont be able to get it light enough to effect the starts as you're limited by the pressure plate weight and in my experience with road cars I have never had one that's been too light to effect drivability and the only one that I have even found on a race car is the ultralite windowed flywheel I'm using on the YB which only weighs 4.87kg complete with the clutch but a lot of that at the moment is in the tuning
Danny

John Clark - Sunday, July 14, 2002 06:26 PM

Thanks but would you recommend lighting it or not I've been priced \$70 to lighten and \$30 to balance so is it worth \$100 its just that if I'm going to lighten it now is the time I'm going to do it because my motors out of the car.

Thanks, John

Danny Mischok - Monday, July 15, 2002 07:23 AM

I would be doing it
Danny

Old Skool - Monday, July 15, 2002 11:24 AM

John, a good reference point of where you can take metal off a standard flywheel is the Hammil book (sorry I currently have no scanner).
Definitely re-balance it as you don't want any resonance (due to imbalance) to make it loosen on the crank....been there.

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