



## Helpful Hints to Maximize your HST experience

### **BRAKES**

Hallett has a voracious appetite for brakes, especially street car brakes. Here are a few things you can do to prepare your brakes before an event:

1. Brake fluid: Flush your brake fluid with a high temp brake fluid, such as Motul 600 or Ford High Performance. The most common problem that people encounter at Hallett is boiling their brake fluid. If you have a stock street brake system and have never flushed/bled your brakes, you will more than likely encounter this near the end of a session. When your brake fluid boils, your brake pedal will usually go all the way to the floor. This is definitely not a very good situation to find yourself in while traveling at speeds upwards of 100 mph.
2. Brake pads. Invest in performance brake pads. High performance street pads are okay, but race pads are better.
3. Brake lines. Stainless steel replacement brake lines are available for most cars. They will improve pedal feel and help to protect against boiling your fluid.
4. Ducting. Brake ducts can be easily fabricated fairly inexpensively on most cars. More airflow in to your brakes will enhance cooling and help them perform better and last longer.

### **TIRES**

Here are a few tips that will help get the most out of your tires, while minimizing tire wear:

1. Air pressure. You will usually need to run higher air pressures on the track than you would on the street. Bring a good tire gauge. If you are unsure what tire pressures to run, ask other drivers who have the same car/tires, or use a tire pyrometer.
2. Tire temperatures. By measuring tire temps at the track, you can fine tune pressure and alignment adjustments.
3. Alignment. Have your car professionally aligned. This will help to ensure optimum tire performance, while minimizing wear.

### **MISC**

1. Fluids. Check all of your vehicle's fluids before the event. It is a good idea to change the oil, as well as transmission and differential lubes.
2. Racing Harness. Although not required, you will find a 4 or 5 point racing harness invaluable for HST – as it will keep you planted better so you can use your energy for driving.

### **TECH INSPECTION**

It is recommended that you read the Technical Inspection Form on the Hallett website. The items listed there are the driver's responsibility. The Tech Inspectors at the track do a walk-around and check the things they can see.