

# Iroz Motorsport

## 8J TTRS Delivery Documentation

### K16 Xona Hybrid

We want to take this time to thank you for trusting Iroz motorsport with your project and we truly appreciate your business. This documentation will cover some of our most frequently asked questions as well as some of our general guidelines to help ensure many enjoyable miles going forward.

**Oil consumption:** Your vehicle has a built race clearance engine which has been assembled to be reliable at power levels much higher than what the factory had in mind. With this, certain tolerances within the engine are wider or looser to allow for the additional power output it is now capable of. The drawback here is that the engine may consume a bit more oil when compared to the factory specification. We highly recommend checking your oil level regularly and top off when necessary. Typically every 1000 miles is a good practice.

**Oil change interval:** How often should you change your oil? We recommend 5000 mile oil change intervals using Audi/VW 502.00 standard (or greater).

**Recommended oil:** Here at Iroz Motorsport, we use Mobile 1 0w-40 European Formula in all of our builds. Even our racecar has M1 Euro in the pan.

**United Motorsport Tune Guidelines:** Your cars ECU has been flashed with software from United Motorsport to take advantage of all your upgraded hardware components that have been installed here at Iroz Motorsport. This software package has some end user adjustability using a Ross-Tech VCDS cable and here we will disclose our timing and boost recommendations for optimal performance based on fuel.

91 Octane fuel: Group 09 set to 84, Group 12 set to 22.

93 Octane fuel: Group 09 set to 86, Group 12 set to 22.

E35 Ethanol mix: Group 09 set to 94, Group 12 set to 26.

To adjust these settings, use your VCDS cable/software to navigate to the engine module, then to basic settings. From there, you will scroll (or type) the group you want to adjust (09 or 12). Once in that group you will set the settings based on the chart displayed above which is based on the fuel in your tank. The above mentioned settings have been tested here thoroughly and will give you optimal performance. Failure to adhere to these guidelines could result in undesired performance, or worse yet, potential issues.

**United Motorsport Launch Control:** The UM software has an adjustable ignition cut launch control strategy that is user adjustable to fine tune optimal launch for different conditions. To set

launch control rpm, with the vehicle stationary, free rev the engine in neutral to the desired launch RPM and tap the brake pedal. The check engine light will blink to indicate that launch control has been set. Once set, launch control is activated when the clutch pedal is pushed in and the throttle is wide open. The RPM's will stop at the set value, ignition will cut and boost pressure will be generated for a launch.

**Spark plug check/recommendation:** We use Denso racing IKH01-24 spark plugs in all of our builds and in a properly running engine they will last quite a long time. We still recommend taking a look at them every other oil change or so to get a visual on their condition.

**Traction Control:** Traction control can be quite intrusive with the additional power that has been added to your vehicle. We recommend for optimal performance that you deactivate the traction control system when spirited driving is desired. You can leave it on for all other situations.

**Exhaust valves:** If your vehicle is equipped with exhaust valves, we highly recommend having them open when spirited driving is desired. When closed, substantial back pressure and exhaust gas temperatures can be created which can affect performance and longevity of components. Valves can be closed for normal cruising without any issue.

**Other General guidelines:** If for any reason your check engine light comes on or is blinking, please proceed with caution and with very light load. Have the car scanned for trouble codes as soon as possible. If any abnormal noise, smell, smoke, etc. comes from the vehicle, please stop the engine immediately and call us or your trusted local Audi/VW technician.

Notes: