

# CRE 944-spec Build Plan

Base car: \$\_\_\_\_\_

Leak down test.

Thorough inspection, status of all systems.

## **Phase 1:**

Strip car of all unnecessary equipment based on customer requests.

Retain desired systems for road use.

A/C system

Heater system

Stereo system

Windshield wipers

Cruise control

Electric windows and glass or substitute with manual window lifts

Electric side view mirrors

Center console

Fog lights

Headlights

Tools, Jack, Spare tire and wheel

Interior and both stock seats, sound deadening material and tar mats

Sunroof motor and all associated equipment

Parking brake

Steering wheel lock

Install lightweight battery

Replace cat with test pipe

## **Phase 2:**

### **Install race suspension package consisting of:**

Weltmeister 28mm front and 22mm rear sway bars

Koni adjustable shocks

Hypercoil front springs of choice

Rear Torsion bars of choice

Camber plates

Strut brace

Race suspension bushings

### **Install other racing equipment:**

Steel lug nuts

Sunroof retaining brackets

Racing brake pads

TOYO 225/50/15 Proxes RA-1 tires

Kill switch and decal

Short 5<sup>th</sup> gear ratio

Tow hooks and decals

## **Phase 3:**

### **Install driver safety gear**

Weld-in cage to CRE specs

Seat---customer's choice

Seat back brace depending on seat. FIA spec 8855-1999

Steering wheel---customer's choice  
5-point camlock G-Force harness  
Window net with quick release  
Fire extinguisher with metal bracket  
Wink 5-section rear view mirror  
Roll cage padding

**Phase 4:**

**Engine, Transmission, Brakes reliability:**

***Inspect and replace if necessary:***

Head service

Intake boot

Radiator filled with distilled water and water wetter. Protected by stainless steel wire cloth screen.

Water pump

Stock thermostat

Coolant reservoir

Belts, hoses, and seals

Spark plugs, wires, rotor, cap

Rod bearings

Rod nuts

Pan gasket

Engine mounts

Brake lines and rotors

Brake fluid reservoir

Wheel bearings

clutch

All suspension components, including ball joints

New stock air filter

Liqui-Moly engine oil, gear oil, CV grease

**Phase 5:**

Final alignment and corner balance with driver weight

Dyno run with printout

Test run

**EXTRAS:**

Install racing decal set at extra cost including number plates and driver's name

Install windshield banner and decal at extra cost

Install any graphics package

Paint wheels

Computer chip

Suggest purchasing second set of wheels