

CHECKLIST OF INSTALLING OR CONVERTING EQUIPMENT TO DISPENSE E85



- Notify your licensed installer and the state underground storage tank program of your intent to dispense E85. Your installer should determine if the age, composition and condition of your tank and piping are safe for E85 use. For assistance, contact the National Ethanol Vehicle Coalition (NEVC) at 1-877-485-8595 or via www.E85Fuel.com.
- In the case of a conversion, the tank must be cleaned of all water and sediment. Ensure no water is present to protect the quality of your ethanol-blended fuels and your customers' vehicles.
- Ensure all visible fittings and connections at the top of the tank are tight (no vapors escape and no water enters).
- Ensure the sump and spill containment covers will prevent water from entering the system.
- Use ONLY 1-micron dispenser filters or a comparable E85-specific filter with E85 blends. Do NOT use 10-micron gasoline or 30-micron diesel filters. Cim-Tek is a popular brand of alcohol-compatible filters.
- Use ONLY an alcohol-compatible hose with E85.
- Use ONLY steel or nickel-plated swivels, connectors and nozzles with E85. Do NOT use aluminum gasoline nozzles.
- Identify the E85 fill port and paint the access cover according to API RP 1637. Make certain transport drivers cannot make fuel deliveries to the wrong fill pipe.
- Calibrate the dispenser liquid meter at time of conversion or new installation and two weeks later to verify meter accuracy with E85. More frequent calibration (API RP 1626) may be required to ensure the retailer is receiving proper compensation for the sale.
- Label dispenser with all E85 logos, cautionary and trade commission decals. Use nozzle covers identifying E85 is not gasoline or diesel. Consider using hangtags, pump toppers and other signage to educate your customers. Price sign inserts, curbside signs and the above decals and materials are available from the NEVC.
- Tank should be filled to 80% of capacity and kept as full as possible for 7 to 10 days.
- Conduct a precision test of the tank system (0.1 gallon/hour leak rate) with ATG system within seven days after tank is filled to confirm the integrity of the system and that the leak detection equipment is operating properly. Report any "fail" results immediately.
- Ensure no water is allowed to contaminate your fueling system. If water is suspected or detected, track down its source and fix the problem immediately. The best way to guard against contamination is to properly clean and maintain the fueling system. Confirm no leaks exist in tank fill cap and containment reservoir before beginning your E85 operation. Water-detecting pastes, suitable for E85, may be available in the near future.
- If product seems to pump slowly, check and replace filters. Persistently clogged filters could indicate moisture or another source of contamination.

I, the undersigned, agree that all of the above best practices have been completed, or will be completed prior to dispensing product.

(Printed Name, Signature)

(Date)