



WESTERN MOTORSPORTS

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2011 - 2014 F150 Ecoboost Dual Valve catch can with Clean Side Separator



Plugs into
intake manifold

Plugs into
valvecover

CSS mounts
to drivers
firewall with
factory bolt

Plugs into drivers
valvecover

Plugs into drivers
turbo inlet hose

Catch Can mounts to
passengers side rad support
with direct fit brackets

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2011 - 2014 F150 EcoBoost Catch Can Installation

- Assemble main Catch Can to Y bracket in the lowest position, using provided bolts and locknuts
- Unplug and unbolt the horn and bracket from rad support.
- Pull push pin from rubber shield on passengers side of rad to make room for hoses

Install Y bracket under hood release cable and secure with horn bracket on top as shown. Use Y bracket as a guide and drill a second hole in the rad support. Drill with 1/4" bit and secure with the provided self tapping screw

Plug in horn.

Route the two passengers side hoses beside the radiator toward the engine as shown. Screw hoses to the catch can as shown on the hose labels.



Remove the engine cover.

Remove stock PCV tube that runs from valve cover to intake on the passengers side.

Attach hoses from the catch can as shown on the hose labels.



Install the small CSS can (Clean Side Separator) using stock bolt on drivers side firewall by the brake booster.



Remove the stock PCV tube that runs from valve cover to turbo inlet tube.

Route the long hose from main Catch Can along front of radiator and around drivers side of rad towards the CSS. It may be necessary to bend the horn bracket to clear the hose. Secure hose in place with tie wraps.

Install all 3 hoses to the CSS following labels on hoses.

Reinstall intake cover.

The drain hose can be routed out the bottom of the truck to make for easier draining of the main catch can. Generally draining both cans every oil change is sufficient but each application is different. Do not let the cans fill with oil / vapor fluid as it could cause engine damage. Draining more often in cold climates is required so the fluid does not freeze in the can.

Discard any drained fluid