

Installer: Required to complete this Preinstallation Checklist

1. Check box (✓) next to **engine family name** in table (below) to comply with CARB Executive Order DE-19-001.

Engine	Year	Engine Family Name	✓
Yanmar TK370	2005	5YDXL0.85W3N	
	2006	6YDXL0.85W3N	
	2007	7YDXL0.85W3N	
	2008	8YDXL0.85W3N	
	2009	9YDXL0.85W3N	
	2010	AYDXL0.85W3N	
	2011	BYDXL0.85W3N	
Yanmar TK376	2005	5YDXL1.11W3N	
	2006	6YDXL1.11W3N	
	2007	7YDXL1.11W3N	
	2008	8YDXL1.11W3N	
	2009	9YDXL1.11W3N	
	2010	AYDXL1.11W3N	
	2011	BYDXL1.11W3N	
Yanmar TK374	2012	CYDXL0.85W3N	
	2013	DYDXL0.99NWA	
	2014	EYDXL0.99NWA	
	2015	FYDXL0.99NWA	
	2016	GYDXL0.99NWA	
	2017	HYDXL0.99NWA	
	2018	JYDXL0.99NWB	
Yanmar TK380	2019	KYDXL0.99NWB	
	2013	DYDXL1.27NWA	
	2014	EYDXL1.27NWA	
	2015	FYDXL1.27NWA	
	2016	GYDXL1.27NWA	
	2017	HYDXL1.27NWA	
	2018	JYDXL1.27NWA	
Kubota CT3-44TV	2019	KYDXL1.27NWA	
	2010	AKBXL.719KCB or NCB	
	2011	BKBXL.719KCB or NCB	
	2012	CKBXL.719KCB or NCB	
	2013	DKBXL.719KCB or NCB	
	2014	EKBXL.719KCB or NCB	
	2015	FKBXL.719KCB or NCB	
	2016	GKBXL.719KCB or NCB	
	2017	HKBXL.719KCB or NCB	
	2018	JKBXL.719KCB or NCB	
Kubota CT3-69TV	2019	KKBXL.719KCB or NCB	
	2010	AKBXL01.1BCB or DCB	
	2011	BKBXL01.1BCB or DCB	
	2012	CKBXL01.1BCB or DCB	
	2013	DKBXL01.1BCB or DCB	
	2014	EKBXL01.1BCB or DCB	
	2015	FKBXL01.1BCB or DCB	
	2016	GKBXL01.1DCB	
	2017	HKBXL01.1DCB	
	2018	JKBXL01.1DCB	
2019	KKBXL01.1DCB		

2. Run engine at least 10 minutes, and then inspect engine exhaust for signs of visible black, blue, or white smoke in the exhaust and repair as needed.

- a. Black smoke is the most common emitted from diesel engines and indicates incomplete combustion of fuel. Causes:
- Incorrect fuel injection timing
 - Dirty or worn fuel injectors
 - Incorrect valve clearance
 - Dirty or restricted air cleaner
 - Cold operating temperatures
 - High altitude operation

For a normally operating TRU, without a filter installed, black smoke should be barely visible when running continuously at high or low speed. A puff of black smoke during speed changes is normal.

- b. Blue smoke is caused by the engine burning the lubricating oil. The oil can enter the combustion chamber from several sources including:
- Dirty air filter
 - Worn valve guides, or seals
 - Cylinder &/or piston ring wear
 - Glazed cylinder walls
 - Stuck piston rings
 - Incorrect (too thin) grade of oil
 - Fuel dilution into the oil

For a normally operating TRU engine, blue smoke should not ever be visible. Blue smoke is best seen during cold start of the engine.

- c. White smoke is caused by raw, un-burnt fuel passing into the exhaust stream. Common causes:
- Incorrect fuel injection timing

- Worn or stuck nozzles on fuel injectors
- Low cylinder compression
- Cold operating temperatures

For a normally operating TRU engine, white smoke may appear briefly during startup in cold weather conditions (<32F). Continuous visible white smoke indicates a mechanical defect.

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 needed service

Owner: Acknowledgement

- Engine oil consumption rate exceeding 1 quart in 50 hours will cause clogging of the EADPF. Owner is responsible for having excessive oil consumption problem fixed.
- Periodic inspection of the EADPF battery cables and power relay function must be performed.
- Periodic checking of the TRU engine low- and high-speed settings with the EADPF heater relay energized must be performed.
- Contact EADPF dealer or installer if in-cab DPF red status light remains lit for more than two hours.
- Engine must be run with standard on-highway ultra low sulfur (15PPM) diesel fuel.
- Lube oil must not be mixed with the fuel.
- No fuel additives may be added to the fuel.
- Biodiesel blend up to 20% is allowed if the biodiesel complies with ASTM D6751.

Installer: Fill in Warranty Registration

OWNER (COMPANY) _____

TRU HOURMETER _____ HRS

INSTALLER NAME _____

TRU ENGINE SERIAL # _____

1219EADPF00 _ _ _ _

INSTALLER PHONE OR EMAIL _____

EADPF SERIAL # _____

INSTALL DATE _____

Installer: email or fax to NWE

Email: warranty@newworldengineering.com

Fax: 612-844-2781

TRU MODEL (I.E., MD-300, T-600R, SUPRA 650, ETC.) _____