



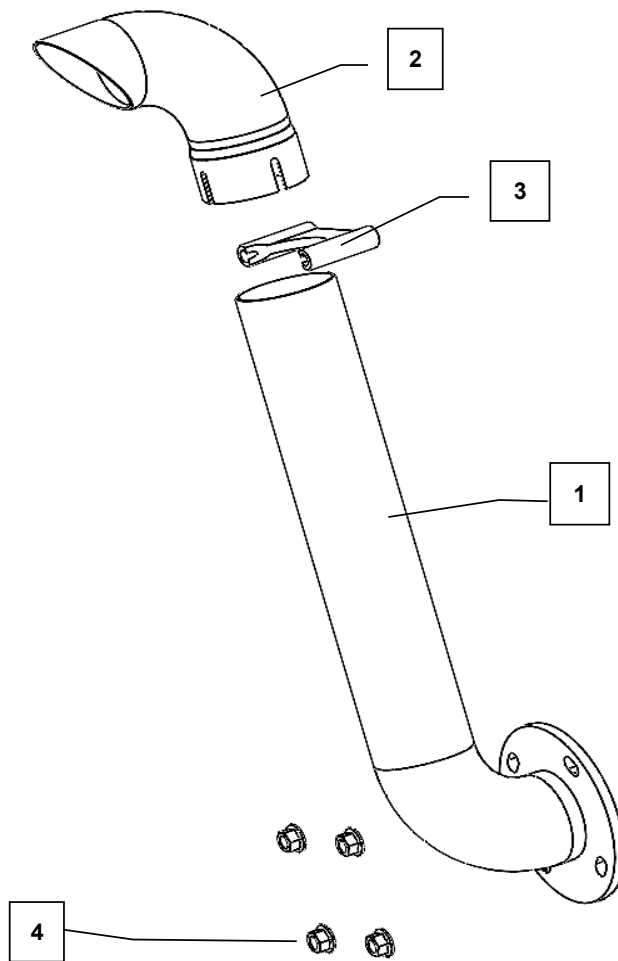
Supplement to Yanmar Kit Installation Instructions

SAFETY

This product is designed and intended only for use with a YANMAR engine. All safety and warning information contained in the Yanmar Operation Manual and Service Manual is adopted and incorporated to apply to the components, accessories, and parts that are utilized with Yanmar engines. Follow all instructions and precautions before installing this product, before operating, during operation, and during periodic maintenance procedures for your safety, the safety of others, and to protect the performance of your engine.



Item	Part No.	Description	Quantity	Remarks
1	129F88-13360	Assembly, Exhaust Pipe	1	
2	129F88-13350	Pipe, Exhaust	1	
3	129F88-13450	Clamp, U-Bolt	1	
4	129F88-13460	Nut, M10 - 1.5	4	



MODELS
4TNV94FHT



Installation Instructions

WARNING: DO NOT INSTALL KIT WHILE THE ENGINE IS STILL HOT!

Hand tighten all bolts and nuts until assembly is completed, then torque according to specifications in Table 1.

1. Place aftertreatment device gasket onto the 4 studs on the outlet. The gasket is provided as loose parts with the engine and is part number 128300-13230
2. Install the exhaust pipe assembly (1) onto the studs of the engine aftertreatment device outlet and use the four M10 nuts (4) installed hand tight to hold in place
3. Install the U clamp (3) angle cut exhaust pipe (2) onto the exhaust pipe assembly (1) already on the ATD. Position the outlet of the exhaust in the desired orientation.
4. Tighten down the M10 bolts (4) and the U-clamp (3) per the table below

Table 1: Proper torque specifications for bolts and nuts.

Diameter x Pitch	Kgf-m	Foot-lbf	N-m
M8 x 1.25	1.5 ~ 2.9	10.6 ~ 20.9	14.4 ~ 28.3
M10 x 1.5	4.5 ~ 5.5	33 ~ 40	44.1 ~ 53.9
M12 x 1.75	8.0 ~ 10	58 ~ 72	78.4 ~ 98.0