



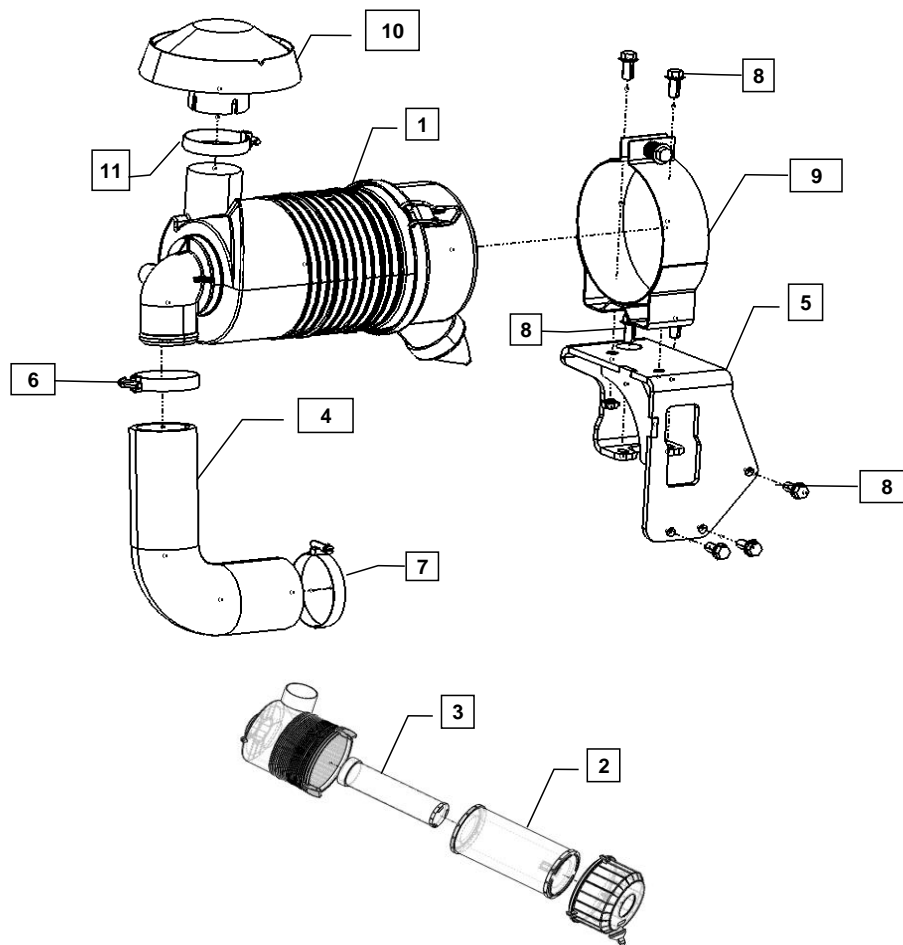
Supplement to Yanmar Kit Installation Instructions

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	Lev.	O	Part No.	Description	Quantity	Remarks
1	--		129C90-12400*	AIR CLEANER ASSY	1	
2	---		129087-12510*	ELEMENT, PRIMARY	1	
3	---		129051-12530*	ELEMENT, SAFETY	1	
4	--		129C90-12240*	HOSE, AIR INTAKE	1	
5	--		129C90-12610	BRACKET, AIR CLEANER	1	
6	--		23000-060000	CLAMP, HOSE 60	1	
7	--		23000-075000	CLAMP, HOSE 75	1	
8	--		26106-080202	BOLT, 8 X 20	7	
9	--		129087-12570*	BAND, AIR CLEANER	1	
10	--		129087-12610*	CAP, RAIN	1	
11	---		129087-12620	CLAMP	1	



MODELS

4TNV88D

Note: Serviceable part numbers are denoted by an asterisk. To replace non-serviceable parts, the entire kit will need to be purchased.

Remarks: Kit includes Donaldson part number label. ***Both elements must be installed at all times as it is an emissions related requirement.***



Installation Instructions

Hand tighten all bolts and nuts until assembly is completed, then torque according to specifications in Table 1. The numbers in () represent the item numbers.

1. Unplug the fresh air sensor shown in red circle in the image 2 below before installing the air cleaner bracket (5).
2. Fasten the Air Cleaner Bracket (5) onto the Engine intake side (intake throttle) using M8x1.25-20 bolts (8). The mounting bolt locations on the engine are shown in the image 1 below.
3. Plug-in the fresh air sensor back to this original location and make sure it is securely connected by an audible click.
4. Fasten the Air Cleaner Band (9) onto the Air Cleaner bracket (5) using M8x1.25-20 bolts (8).
5. Open the Air Cleaner Band (9) by removing the bolt and spring fastener from the assembly. Remove the Air Cleaner Cover and Elements (2) & (3) from the Air Cleaner (1). This will allow the Air Cleaner (1) to slide into the Air Cleaner Band (9).
6. Insert the Air Cleaner (1) in the Band (9) and position in the recess provided on the Air Cleaner. Fasten it with the bolt, spring, and nut that came with the Band. Reinstall the Air Cleaner Cover and adjust the orientation so the dust collector is positioned exactly downward.
7. Fasten the small diameter of the Air Cleaner Hose (4) to the Air Cleaner (1) using 60mm Hose clamp (6). Fasten the large diameter end of the Hose to the engine intake throttle using Hose Clamp (7).
8. Fasten the Rain Cap (10) to the inlet of Air Cleaner (1) using the clamp (11) that comes with the Rain Cap (10).
9. Install the Air Cleaner Label on the Air Cleaner (1) or a piece of equipment in the area of the Air Cleaner. Be sure Label is visible and is not placed on the Air Cleaner Cover.

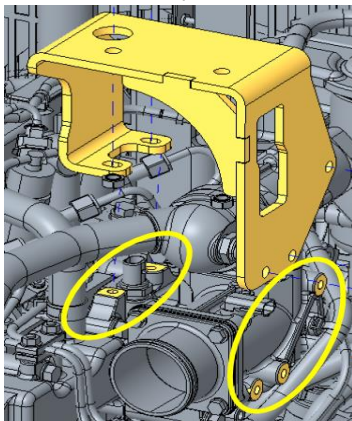


Image 1

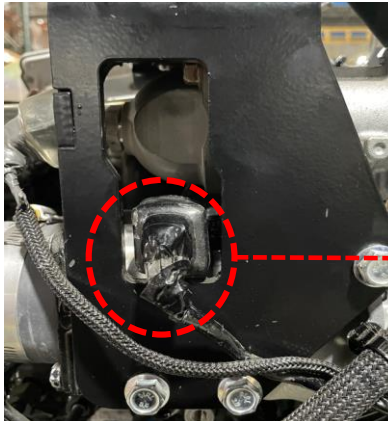


Image 2

NOTE: Comply with torque standards in the table to avoid unexpected damage during installation or in the future.

Table 1: Tightening Torque			
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
Hose Clamps	0.25 ~ 0.35	1.84 ~ 2.51	2.5 ~ 3.4