



Supplement to Yanmar Kit Installation Instructions

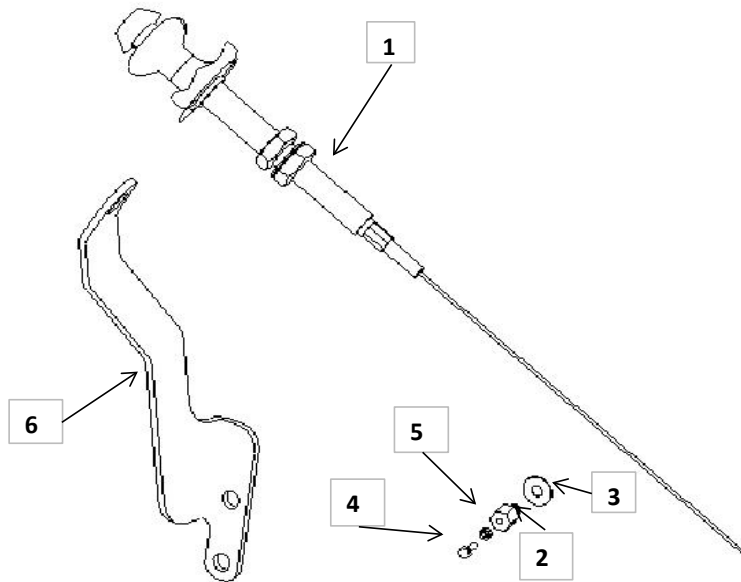
SAFETY

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.

Kit Name: KSC1



Item	Part No.	Description	Quantity	Remarks
1	129087-66061*	Cable, Throttle (Vernier)	1	
2	124756-67510*	Retainer, Throttle Cable	1	
3	22272-000070*	E-clip	1	
4	26116-040128*	Bolt, M4x0.7-12	1	
5	26716-040002*	Nut, M4x0.7	1	
6	129689-91140*	Bracket, Throttle Cable	1	



MODELS

Tier 2/3/IT4

3TNV82A
3TNV88
3TNV84T
4TNV88
4TNV84T

Tier 2 Only

4TNV98
4TNV98T

Note: Service parts are denoted by an asterisk. To replace non-service parts, the entire kit will need to be purchased.



Installation Instructions

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

The numbers in () below reference the item numbers on page 1.

1. Fasten the Throttle Cable Bracket (6) on the engine rear mounting pad with hex bolts (Not Provided). Tighten to torque in table below.
2. Remove the nut and washer from the end of the Speed Control Assembly (1) and insert the Speed Control Assembly through the hole on the Throttle Cable Bracket (6). Re-Install the washer and nut and tighten.
3. Insert the Retainer (2) to lower hole of the throttle control lever and secure it with E-Clip (3).
4. Insert Speed Control Assembly wire in the Retainer (2), and make sure the speed control knob is all the way down. Thread M4 Nut (5) onto the M4 Bolt (4) and install in threaded hole on Retainer (2). Tighten enough to secure throttle cable, but be careful to not break the M4 Bolt. Tighten M4 Nut (5) against the Retainer (2) to prevent cable from coming loose. After tightening, make sure throttle control lever reaches both High Idle and Low Idle stops.
5. The wire should extend at least 10mm (0.4 inches) from the wire retainer. Cut off excess wire.

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
M10 x 1.50	4.5 ~ 5.5	32.5 ~ 39.8	44.0 ~ 54.0
M12 x 1.75	8.0 ~ 10.0	57.8 ~ 72.3	78.4 ~ 98.0