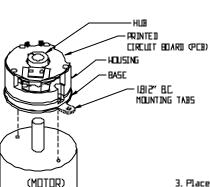
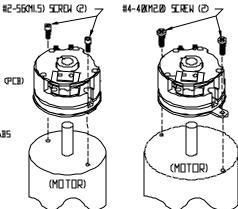
I. Lock the notor shaft at a fixed mosition. If 1.812" BC. mountins holes will not be used, carefully cut or break the tabs at the score line

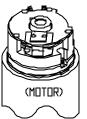


2. Seat the hub in the elastic base, elace the hub over the motor shaft and eush on the hub until the base



3. Place one pair of mounting screvs through holes in base, hold the hub firmly seated in the base and tighten to 1.5-20 lb-in. (16-22 N-cm) For #2-56(M15) or to 20-25 lb-in. (22-28 N-cm) for #4-40 (M20)



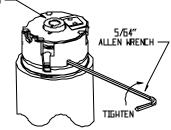


4. Rotate the hub until the index mark on the hub is alished with the square silver alishment mark on the PCB

CONTROL INVECE TRUENCING IN THE COLUMN

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HOLO HUB DÖVN -



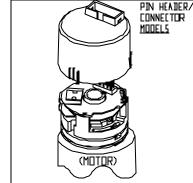
quare

5. Insert vicench corefully into hole in housing.
Hold the hub seated in the base and
tighten the clamp screw to 3 lb-in

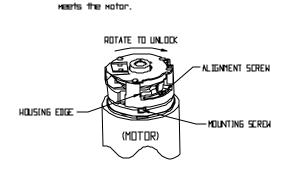
G4 N-cn). Pull vicench straight out

CABLE MODEL

to remove.



7. If fine addustment of index-to-shaft alianment is NOT necessary, tighten the alianment screy to 2 lb-in. (23 N-cm); For cable models with cover, place the cable rateiner under the cable. Then, position the opening in the cover with the cable or connector. On cable covers, be sure to ensose the dovetails and alots. Then, press down firmly and evenly until the three cover snaps are engaged.



Locaen the alianment acrev (1/4 turn CCW)
 and rotate the encoder housing clockvise 35°
 until the housing edge is alianed with
 the mounting acrev.

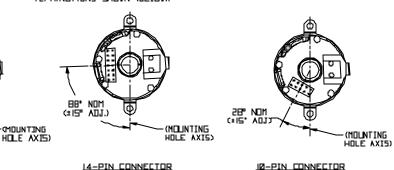
CAUTION: Handle encoder by black plastic housing only. Do no push on flexible circuit or printed circuit board. Avoid contacting edge of glass code disk when installing mounting screws.

INDIERA	ED:		UNLESS	SPECIFIED	$ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $ $	N51	ALLAT	ON INSTRUI	CTIONS.	, M
XXX ±	-XX	ANGLES	•	/						
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		198 D. <sup>*</sup>	Γ.⊑.	"B"size	DRAWN MFB		DATE 7/14/98	APPLICATION MIS		
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<b>A</b>	<u>ושלו ו</u>	mane	XT ((0	MITOUS _	RELEASED MF B		0ATE 7/22/98	200638	-0001	Α

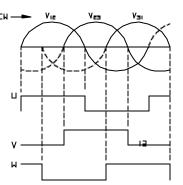
dovetail slot

-dovetail kle*y* 

I. Select a desirable cable exit or connector location, using the offsets between the mounting hole axis and the terminations shown (below).



2. The relationship of the brushless IIC motor vindings to the commutation channels is shown (belov). Lock the motor rotor to hold the shaft in a fixed postion for alignment to the commutation channels.



a. Install the encoder as shown in 200638-0001 steps | through 6. After installation, the excoder commutation channels will be in coarse alignment with the motor vindings at the positive-eding edge of the U channel.

DATE

APPROVEIJ

REV

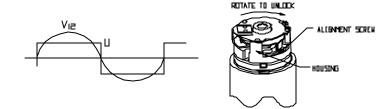
EEN

Apply a current limited DC power source to the #2 (or equivalent) terminal of the motor, and the IIC return to the #1 terminal, to Postion and hold the rotor at the Positive-Soins transition of U

4. Alienment can be checked by turning the motor shaft and comparing the transition points of the back EMF signals generated by the V vinding with U, the é winding with V, or the V winding vith W as shown below. If Necessary, loosen the alignment screw (1/4 turn CCW) and notate the housing to adjust the position of the commutation channels to the motor vindings.

14-PIN CONNECTOR

5. After fine addicatment tighten the alignment screw and install the cover as shown in 200638-0001 (Step 7).



CABLE EXIT

CAUTION Handle encoder by black plastic housing only. Do not euch on flexible circuit or erinted circuit board. Avoid contacting edge of glass code disk when tightening alignm

	INDICAT	NDICATED:		DIMENSIONS IN INCHES						
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				ORAWN MFB	0ATE 107/21/98	APPLICATION NIS				
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