







SPECIFICATIONS AND REFERENCE FOR REORDERING

Contents	Kit# 3000-06-K02	Kit# 3000-08-K01
Kit Size	3/8"	1/2"
Hose Included	30 ft. 100R7 3/8" I.D. Thermoplastic Hose – WP 3481 PSI (4 to 1 Safety)	30 ft. 100R7 1/2" I.D. Thermoplastic Hose – WP 2901 PSI (4 to 1 Safety)
FJIC Couplings	(2) FJIC 37° (Fem.) 6x6 Re-usable Couplings 	(2) FJIC (Fem.) 8x8 Re-usable Couplings 
FORFS Couplings	(2) FORFS (Fem.) 6x6 Re-usable Couplings 	(2) FORFS (Fem.) 8x8 Re-usable Couplings 
NPT Couplings	(2) NPT (Male) 6x6 Re-usable Couplings 	(2) PT (Male) 8x8 Re-usable Couplings 
Tools	(1) Hose Cutter, (1) Vise Holder Set	(1) Hose Cutter, (1) Vise Holder Set
Adapter Assortment	7 Pieces	9 Pieces
Straight Adapters	-6 MJIC TO -8 FJIC • -6 MJIC TO -6 NPT • -6 MJIC TO -6 MJIC	-8 MJIC TO -8 MJIC • -8 MJIC TO -10 FJIC • -10 MJIC TO -10 MJIC
45° Adapters	-6 MJIC TO -6 FJIC • -6 ORFS TO -6 FORFS	-8 MJIC TO -8 FJIC • -8 ORFS TO -8 FORFS • -8 MNPT TO -8 FNPT
90° Adapters	-6 MJIC TO -6 FJIC • -6 ORFS TO -6 FORFS	-8 MJIC TO -8 FJIC • -8 ORFS TO -8 FORFS • -8 MNPT TO -8 FNPT

Nitta hose and couplings are designed to work as an engineered system. Use of other manufacturers' hose and couplings with Nitta products is neither recommended nor authorized by Nitta Corporation. Any unauthorized use of non-Nitta hoses or couplings with Nitta parts may adversely affect the performance of the Nitta parts, and may void any and all warranties given by Nitta for its products. User assumes all risks of loss, and indemnifies Nitta from and against all claims and causes of action for damage, injury, harm or other loss, caused solely by such unauthorized use.

ASSEMBLY INSTRUCTIONS

Note: The process pictured here uses a table vise. In field applications where a vise is not available, a c-clamp or vise grips can be used to clamp the holding die, and two wrenches can be used to complete Step 6.

1 MARK INSERTION LENGTH

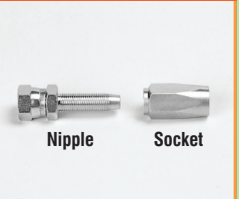
Measure the insertion length of the hose with a scale or steel tape, and mark the position on the hose with a white pen.

➔ It is recommended to make a mark about 1/16" to 1/8" wide in order to check it after swaging.



2 DISASSEMBLE COUPLING

Disassemble the reusable coupling into its socket and nipple components.



3 PREPARE TO INSERT COUPLING

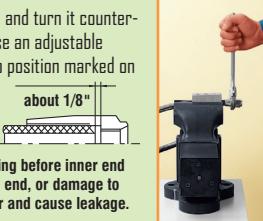
Clamp the hose with the holding die, leaving the length of hose end to be inserted into the socket, and fix it in a vise. For easy tightening, apply lubricant to the surface of the hose end.



4 INSERT SOCKET

Insert socket into hose end and turn it counter-clockwise by hand. Then, use an adjustable wrench to tighten socket to position marked on hose. Leave about a 1/8" space between inner end of socket and hose end.

CAUTION: Stop tightening before inner end of socket reaches hose end, or damage to the core tube will occur and cause leakage.



5 INSERT NIPPLE (STEP ONE)

Remove the assembly from the vise and the holding die. Clamp the socket with the vise and apply lubricant to the nipple thread and the inner surface of the hose.



6 INSERT NIPPLE (STEP TWO)

Turn nipple clockwise with your hand and use an appropriate adjustable wrench to slowly tighten nipple until its hexagonal part touches the socket.

CAUTION: Do not tighten further, once nipple touches socket. It may cause damage to the coupling.

CAUTION: Using a machine to quickly tighten nipple may result in damage to core tube or coupling, causing hose to pull out or leak.



7 COMPLETE HOSE ASSEMBLY

After you have finished tightening the nipple, visually inspect to ensure that the nipple is completely seated into the ferrule. Then, remove assembled hose from vise.



8 CHECK HOSE ASSEMBLY

- (1) Check marked position for hose insertion length.
- (2) Check appearance of coupling (for any damage).
- (3) Check appearance of hose (for kinks or cuts).

Should problems occur, do not use hose assembly.

➔ For more details, such as maintenance and repair information, please read the instruction manual that comes with the product.

