

New Jersey Transit: A/C Hose Installation



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Property and Top Bus Number: 416 Standard Floor New Jersey Transit Buses



Issue: This work instruction provides information for the installation a newer type A/C hose on older buses in the fleet.

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Number of affected buses: All NJT

Required Parts:

AC hose, HO\$, 440216/F01600/F01645/28.0	Part #: 10B-7447-001,	1/bus,
Clamp, Silicon, SS, 1-1/4 ID,	Part #: 5002525,	1/bus,
Clamp, Silicon, SS, 1-1/2 ID,	Part #: 5002526,	1/bus,
Bolt, 1/4-20x1, Hex, Zn, Gr8,	Part #: 220420088,	1/bus,
Nut, 1/4-20, Hex, Zn, Yw, Gr8,	Part #: 200420,	1/bus,
Washer, flat, 1/4, Zn, Gr8,	Part #: 2604,	1/bus,
Washer, lock, 1/4, Zn, Gr8,	Part #: 2504,	1/bus,

Required tools:

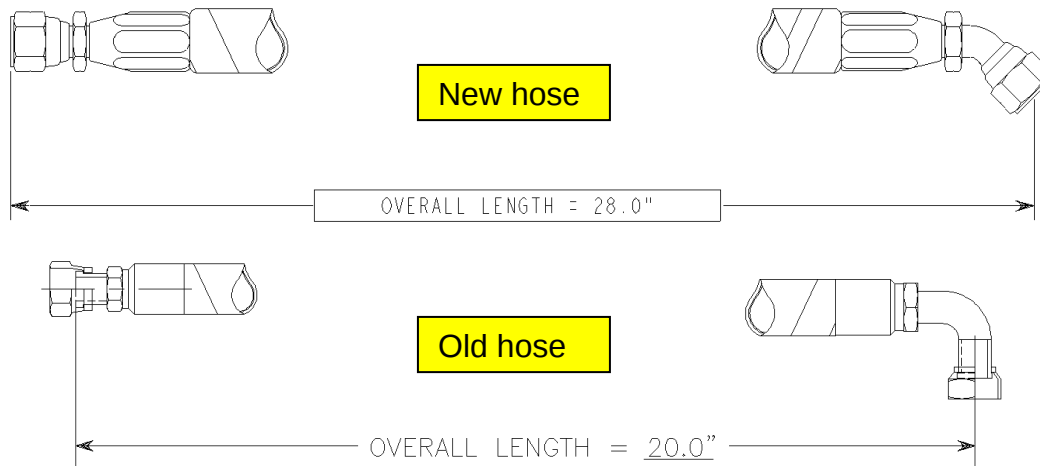
Usual hand tools (wrenches, sockets, etc.)

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SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.

1. This instruction is to show the routing of the new a/c hose on the older buses.
2. Turn battery disconnect switch off when working in the engine compartment.
3. Follow the recommendation of the NABI Maintenance Manual about discharging and re-charging the AC system.
4. The part number of the new longer hose is **10B-7447-001**.



5. The pictures below show the routing of the old and new hoses.
6. When installing the new hose it needs 2 clamps added like what is on the newer buses for better support.



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New hose
installed



Clamps that need
to be installed with
the new hose