



Vehicle Safety Inspection Program Bulletin

ASED-007

Date: January 01, 2019
Bulletin: All Inspection Station Personnel
From: Automotive Safety Enforcement Division
RE: **Copper/Nickel Brake Line**

To clarify the regulations for brake lines, Copper-Nickel automotive brake line is permitted, and meets vehicle equipment regulations for vehicle inspection criteria. This material is being used by OEMs in new vehicle manufacture and replacement equipment manufacture, and are permitted as replacement. Non-automotive grade or solid copper is not permitted. As a reminder, compression fittings are not permitted on hydraulic brake lines.

Copper/Nickel automotive brake line uses double flare fittings. Non-automotive grade copper line normally uses compression fittings, not double flare fittings. *(See Examples Below)*



Double Flare
(Approved)



Proper Connection
(Approved)



ISO (Bubble Flare)
(Approved)



Compression Fitting
(Not Approved)

*If you have additional questions, please feel free to contact ASED at:
410-768-7388 or MSP.ASED@maryland.gov*