

- **Allow for motion under load** — Even some apparently rigid systems do move under load. (See Figure A23.)
- **Get around obstructions without using excessive amount of 90° bends** — Pressure drop due to one 90° bend is greater than that due to two 45° bends. (See Figures A24 and A25.)
- **Keep tube lines away from components that require regular maintenance.** (See Figures A26 and A27.)
- **Have a neat appearance and allow for easy troubleshooting, maintenance and repair.** (See Figures A28 and A29.)

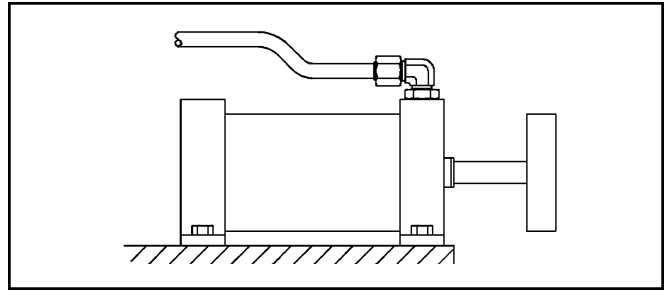


Fig. A23 — Bent Tube Allowing for Motion Under Load

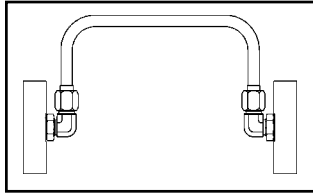


Fig. A14 — Correct Routing

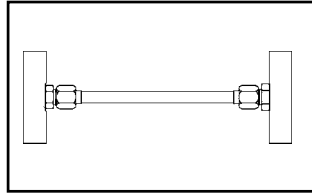


Fig. A15 — Incorrect Routing

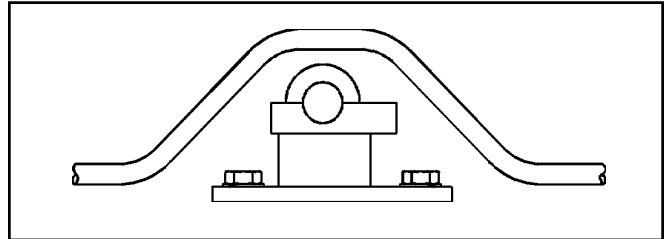


Fig. 24 — Correct

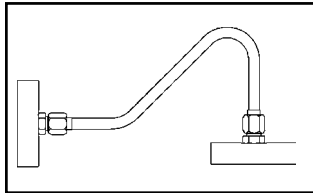


Fig. A16 — Correct Routing

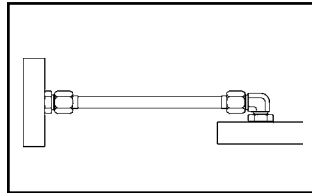


Fig. A17 — Incorrect Routing

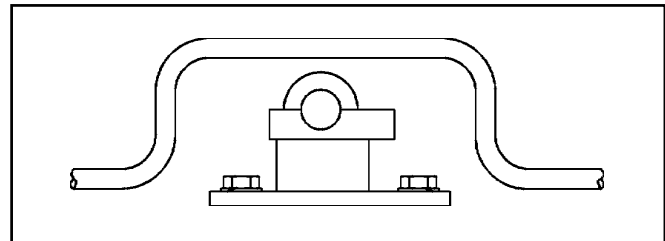


Fig. A25 — Incorrect

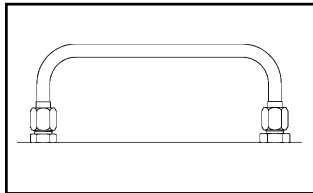


Fig. A18 — Correct Routing

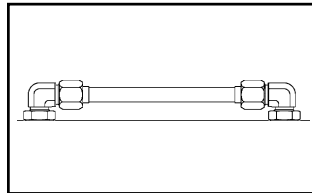


Fig. A19 — Incorrect Routing

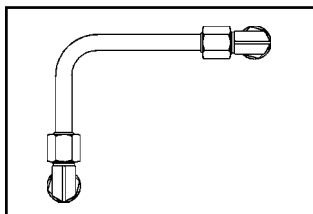


Fig. A20 — Correct Routing

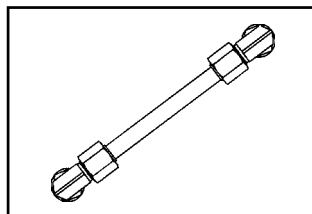


Fig. A21 — Incorrect Routing

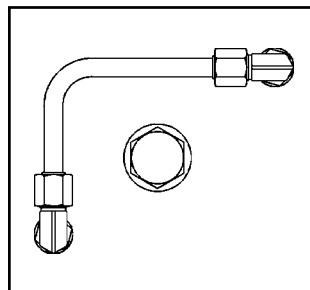


Fig. A26 — Correct

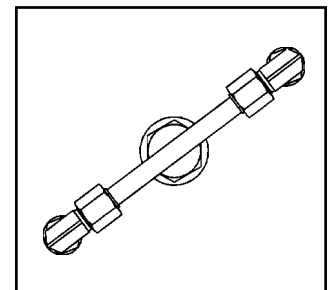


Fig. A27 — Incorrect

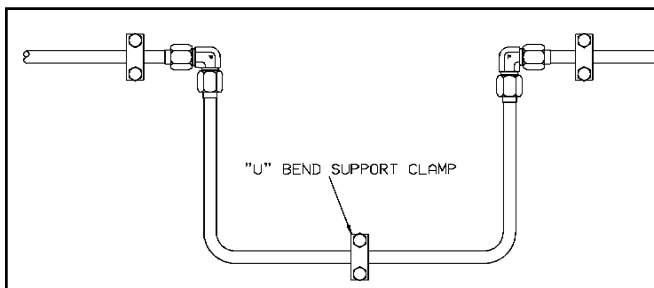


Fig. A22 — U-Bend Allowing Expansion and Contraction

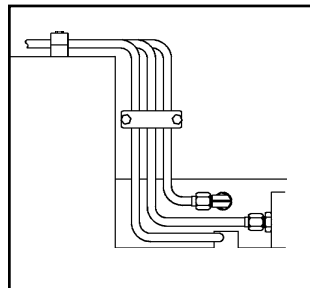


Fig. A28 — Correct

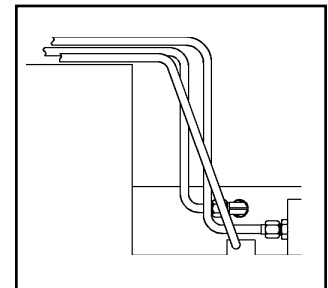


Fig. A29 — Incorrect

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