robart VR AIR CONTROL KIT INSTALLATION INSTRUCTIONS

Reach For
robart

2 GEAR
INSTALLATION

Air Tank

Optional On-board Pressure Gauge #173 (NOT INCLUDED) Included in the VRX Kits

Retaining Nuts
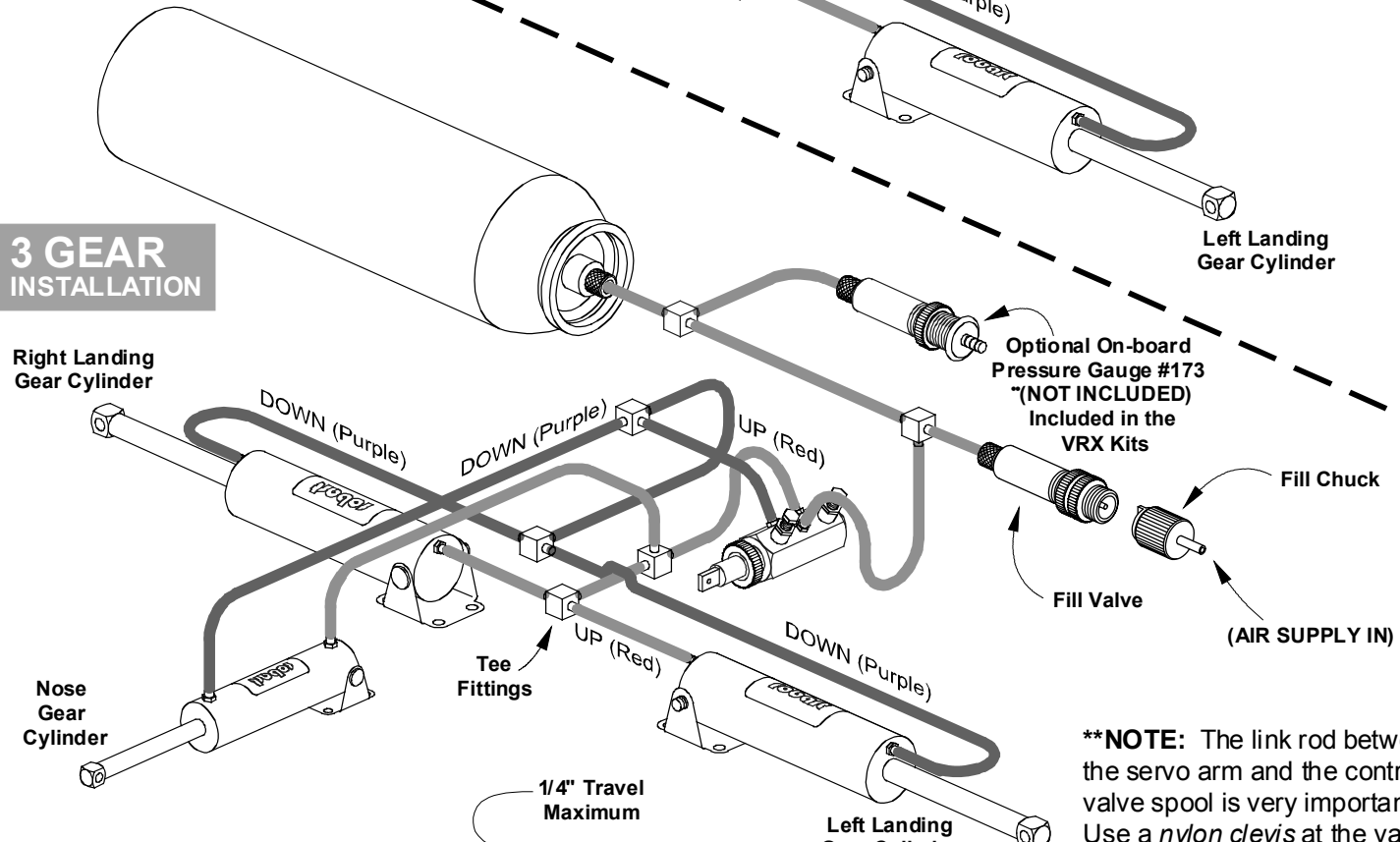
Fill Valve

Fill Chuck

Right Landing Gear Cylinder

Tee Fittings

(AIR SUPPLY IN)

DOWN (Purple)

UP (Red)

Control Valve

UP (Red)

DOWN (Purple)
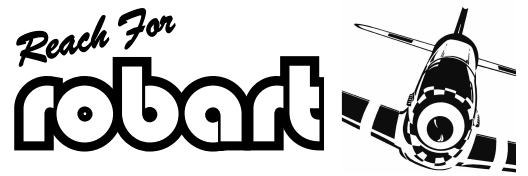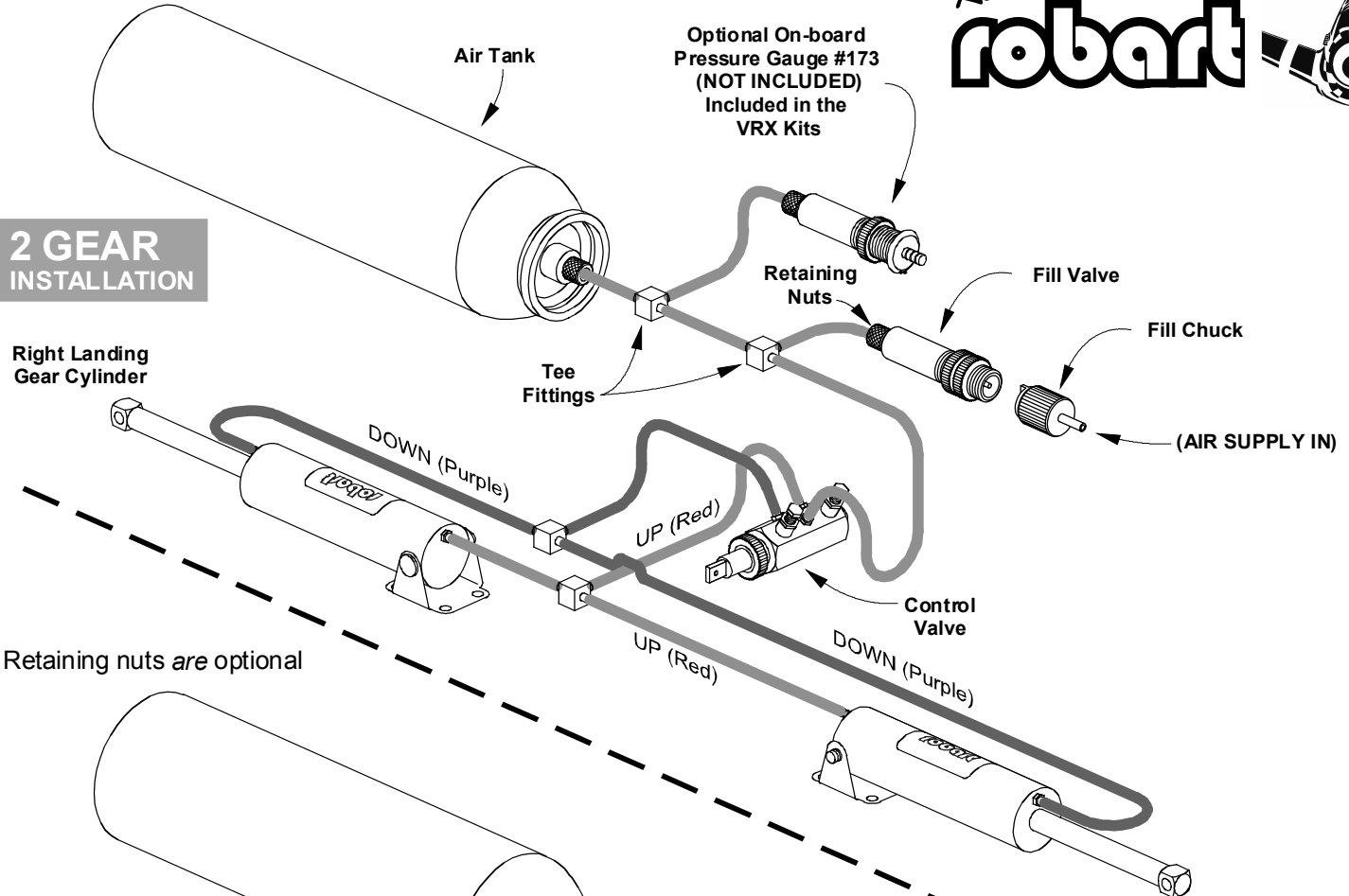
Retaining nuts *are* optional

Left Landing Gear Cylinder

3 GEAR
INSTALLATION

Right Landing Gear Cylinder

DOWN (Purple)

DOWN (Purple)

UP (Red)

Optional On-board Pressure Gauge #173 "(NOT INCLUDED) Included in the VRX Kits

Fill Chuck

Tee Fittings

UP (Red)

DOWN (Purple)

Fill Valve

(AIR SUPPLY IN)

Nose Gear Cylinder

Left Landing Gear Cylinder

1/4" Travel Maximum

Control Valve

Servo Arm

Servo

** USE THE PROPER LINK ROD ASSEMBLY FOR CONTOL VALVE

Link Rod Assembly

(servo, servo arm, and link rod ass'y are NOT included in kit)

**NOTE: The link rod between the servo arm and the control valve spool is very important!!! Use a *nylon clevis* at the valve spool and a simple *z-bend at the servo arm* (as shown). The throw on the servo arm should allow for *approximately 1/4" of travel.* This will keep any excessive side loads on the valve spool minimal and, in turn, prevent any leakage around the valve spool seals.

Revised 01/03