

P-TB-241-K Tire Shine Shock Mount Arm Kit Modification Guide



This kit includes two (2) sets each containing the following: one new Tire Shine Shock / Retract Cylinder Mounting Arm, two mounting bolts and one rubber bump stop. This kit will allow operators to modify the geometry of the tire shine function on both sides of the tunnel and allow for smoother travel and more control, resulting in better product application and reduction or elimination of arm failure due to over travel.

Installation:

- Remove shock mounting pin from old arm
- Disconnect air lines from cylinder then remove cylinder mounting pin from old arm
- Remove cylinder mounting clevis from old arm and keep for reuse
- Measure or mark location of old arm before removal
- Remove old arm and discard
- Slide new arm in place of old arm at same height then tighten on post
- Slide new cylinder mounting clevis on new arm
- Mount cylinder and shock on new arm with old mounting pins
- Reconnect air lines
- Add bump stop as shown below:





During initial installation you should choke up the clevis as close to post as you can and/or go by feel. Activate the tire shine function and check for pullback clearance off belt. You should have at least 2" from outer edge of belt to brush. If more clearance is needed slide the clevis further out on the arm.

With the new geometry you may need to reduce the lean on the mounting bearings if the brush doesn't retract quickly enough. Once you are happy with retract speed check for bouncing of the brush on retract and add up to 5 psi more air pressure at pod for extension pressure to work against retract pressure which promotes smoother motion.