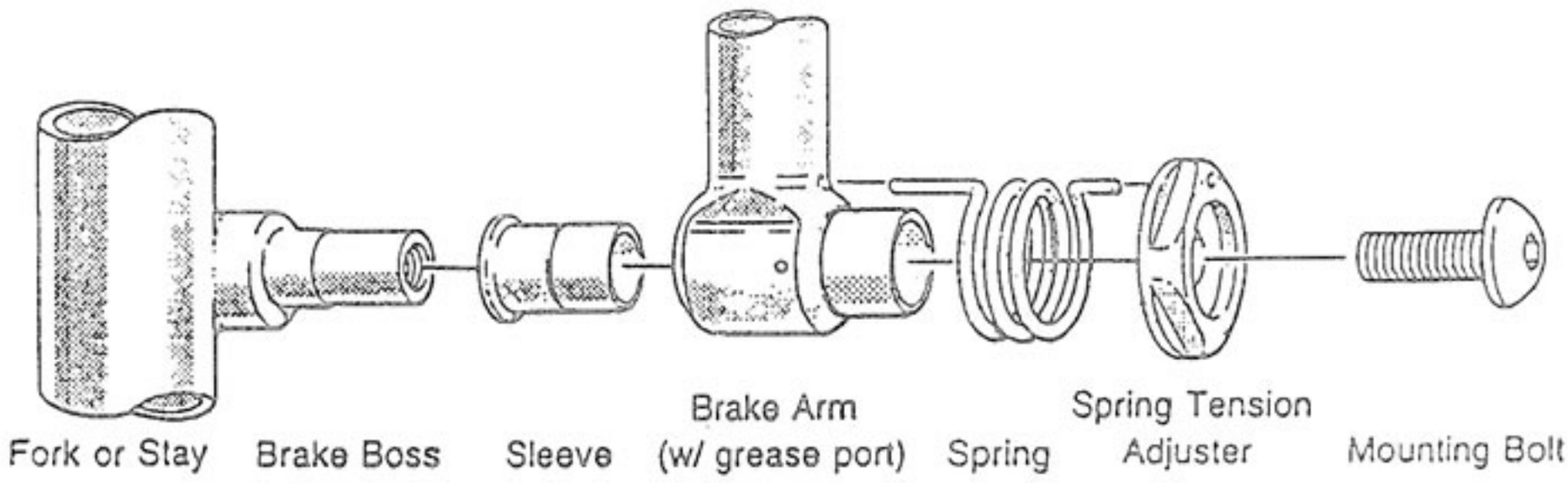
AVID TRI-ALIGN II BRAKES™

NEW HUNKERED DOWN DESIGN

INSTALLATION INSTRUCTIONS
READ 'EM OR WEEP!

Congratulations! You have just purchased the most advanced brakes on the market today. No longer will pad adjustment be something to put off or avoid. Follow these simple steps and you will be assured of the best brake performance ever!



VERY IMPORTANT NEW DESIGN INFORMATION

- ◊ Adhesive is no longer needed to bond the sleeve to the brake boss.
- ◊ Remove sleeve from inside of brake arm, apply light film of grease to outside of sleeve and then replace in brake arm. (We recommend injecting grease into the grease port in each brake arm frequently.)
- ◊ When installing springs make sure the silver spring is on the right brake arm of each brake set. When you are sitting on the bike this is the arm on your left of the front brake or the arm on your right of the rear brake.

PAD ADJUSTMENT

- ◊ With a 4mm hex key, partially tighten pad adjustment bolts so that all movements can be made with slight resistance.
- ◊ Fine adjustments can be made by loosening one bolt at a time, i.e. top bolt only: toe in or height / lower bolt only: pad depth or rotation.
- ◊ PADS CAN BE CHANGED WITHOUT HAVING TO RE-ADJUST THE BRAKES by loosening only the lower pad adjustment bolt. The other settings will not be disturbed.
- ◊ We recommend setting the pads flat to the rim, but if you get some squealing tow in can be easily set later using only the top bolt.
- ◊ When pad adjustment is complete tighten both bolts securely, but don't over tighten, as our brakes do not need the excessive tightening force of conventional brakes to hold their settings securely. Maximum tightening torque for all bolts is 320 Ncm or 28 inch pounds.
- ◊ IMPORTANT If your brake pads are not new, make sure that there is no scoring, burrs, or damage to the pad post as damage to the pad clamping mechanism could result.

SPRING TENSION ADJUSTMENT

- ◊ Spring tension adjustment can be done independently on each arm with a 4mm hex key and a 15mm or adjustable wrench.
- ◊ Be sure not to tighten springs more than 60 degrees from the spring's relaxed position. These brakes are designed to have a light action. Excessive tightening could result in damage to the spring.
- ◊ Always loosen mounting bolts slightly, make adjustments, then re-tighten.

STRADDLE CABLE ADJUSTMENT

- ◊ Straddle cable length can be adjusted using a 2mm hex key. Please see accompanying article and diagram for fine tuning of brake feel.

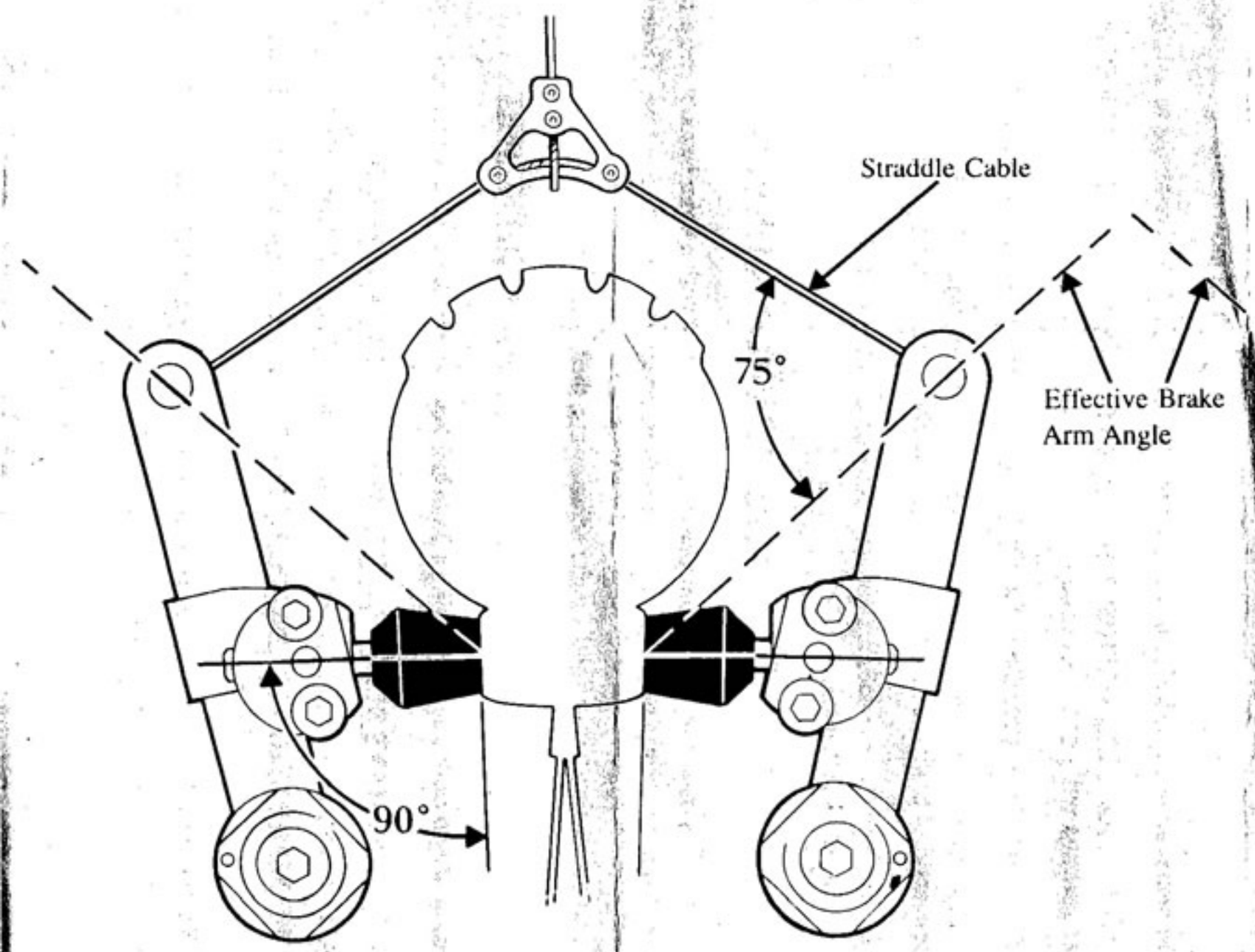
BEFORE RIDING MAKE SURE ALL SCREWS AND BOLTS ARE TIGHTENED SECURELY, BUT DON'T OVER TIGHTEN

OUR BRAKES DO NOT NEED THE EXCESSIVE TIGHTENING FORCE OF CONVENTIONAL BRAKES TO HOLD THEIR SETTINGS SECURELY.

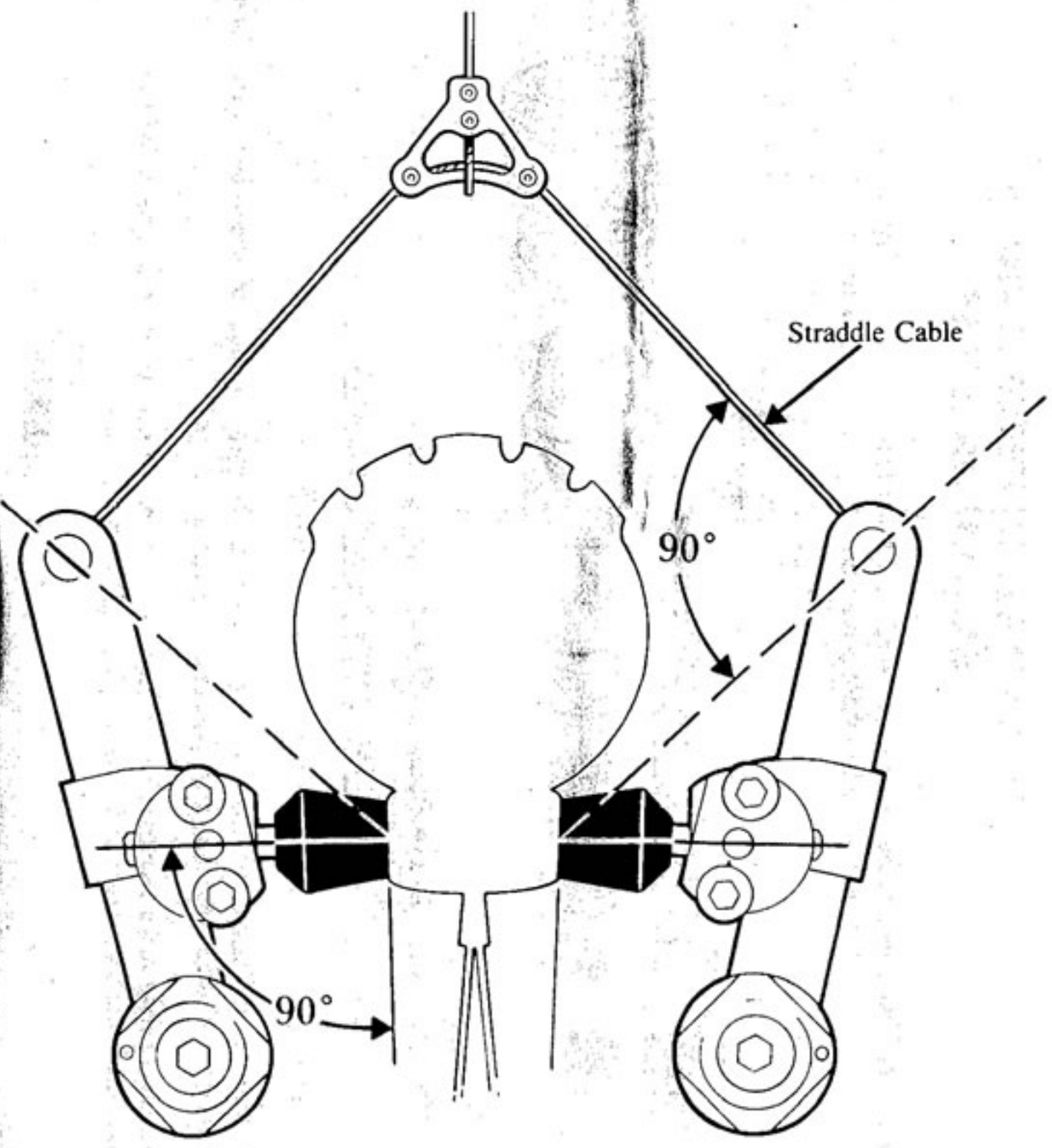
MAXIMUM TIGHTENING TORQUE FOR ALL BOLTS--320 Ncm OR 28 INCH POUNDS

AVID ENTERPRISES, INC. 2875 W. OXFORD AVE. #7, ENGLEWOOD, CO ◊80110◊303-762-9353 ◊ FAX 303-762-1133

Examples of 2 Different Straddle Cable Positions



Brake Pads in Contact
with Rim at 90° to Rim



Brake Pads in Contact
with Rim at 90° to Rim