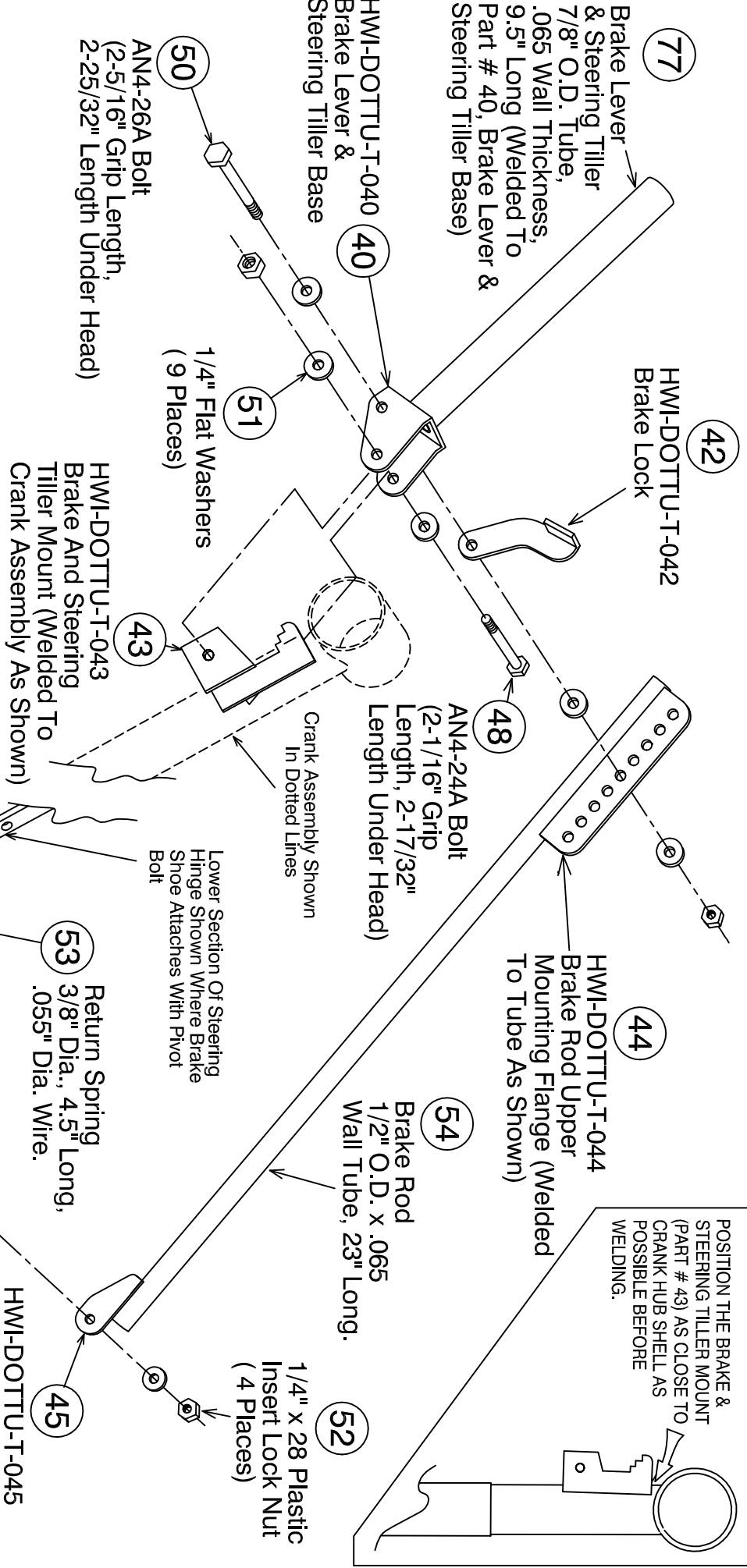


EXPLODED VIEW & PARTS DIAGRAM FOR OPTIONAL DOWNHILL BRAKE INSTALLATION ON DOT COMPACT TRIKE



POSITION THE BRAKE & STEERING TILLER MOUNT (PART # 43) AS CLOSE TO CRANK HUB SHELL AS POSSIBLE BEFORE WELDING.

ABOUT THE SPECIAL BOLTS USED ON THIS BRAKE ASSEMBLY...

NOTE THAT SPECIAL BOLTS KNOWN AS "NAS" BOLTS ARE USED FOR ALL PIVOT POINTS ON THIS BRAKE ASSEMBLY. THESE BOLTS ARE MADE WITH A LONG, UNTHREADED PORTION, KNOWN AS THE "GRIP LENGTH", AS A RESULT, THEY MAKE A BETTER PIVOT OR "FULCRUM" THAN DOES A STANDARD BOLT. THESE BOLTS, WHEN SPECIFIED AT THE CORRECT GRIP LENGTH, AVOID THE PROBLEM OF WEAR CAUSED BY PIVOTING ON THREADS.

IF NAS BOLTS CANNOT BE OBTAINED, STANDARD 1/4" X 20 BOLTS CAN BE USED, HOWEVER, PREMATURE WEAR WILL LIKELY RESULT OVER TIME.

REPLACEMENT BOLTS CAN BE OBTAINED THRU HWI OR ANY GOOD AIRCRAFT SUPPLY SOURCE, SUCH AS AIRCRAFT SPRUCE. (WWW.AIRCRAFTSPRUCE.COM)

HOW TO READ NAS BOLT SIZES

AN4-26A THE SUFFIX "A" INDICATES A PLAIN BOLT WITH NO "CROSS DRILLING" FOR AIRCRAFT STYLE SAFETY WIRING.

"AN4" MEANS IT IS A 1/4" X 28 TPI SIZE AND THREAD. AN "ANS" PREFIX WOULD INDICATE A 5/16" BOLT, ETC.

THIS NUMBER INDICATES THE EXACT "GRIP LENGTH" OR THE UN-THREADED PORTION UNDER THE BOLT HEAD. IN OUR EXAMPLE HERE, AN AN4-26 WOULD HAVE AN UN-THREADED LENGTH UNDER THE HEAD OF 2-5/16". THE NEXT LONGER BOLT IN THE AN4 SERIES, AN AN4-27, WOULD HAVE A GRIP LENGTH OF 2-7/16", ETC. ETC.