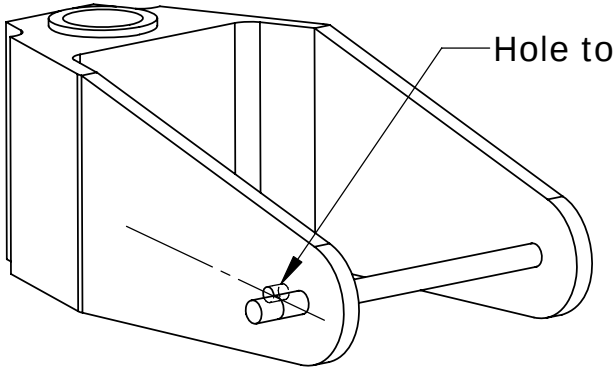
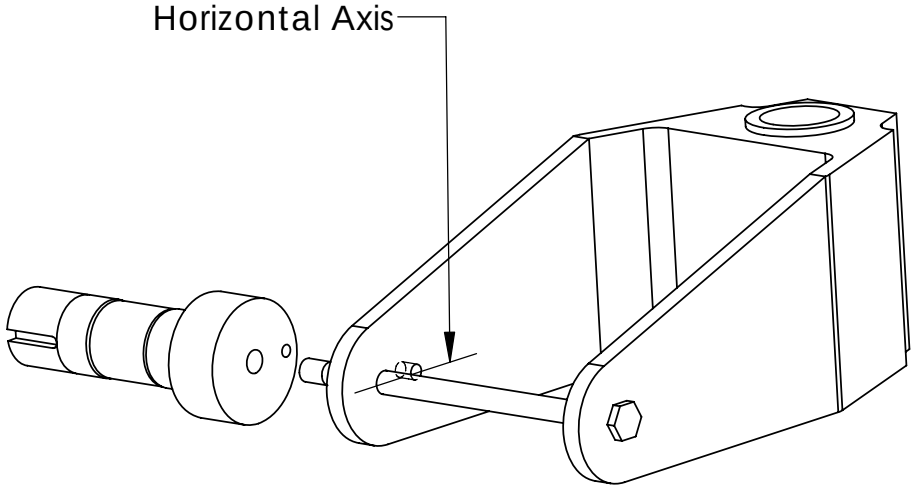


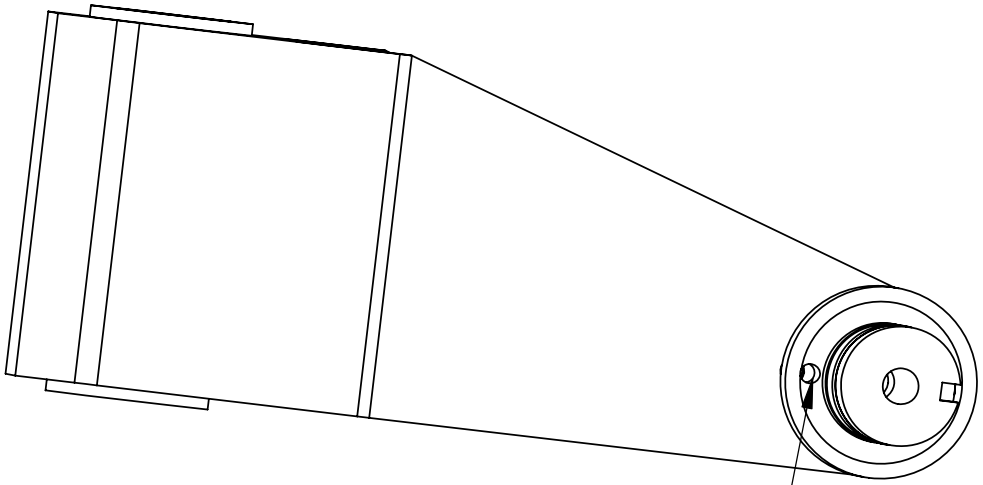
1) Remove Wheel.
2) Insert AN6 Bolt for Use as a guide. Insert from opposite side used for final installation



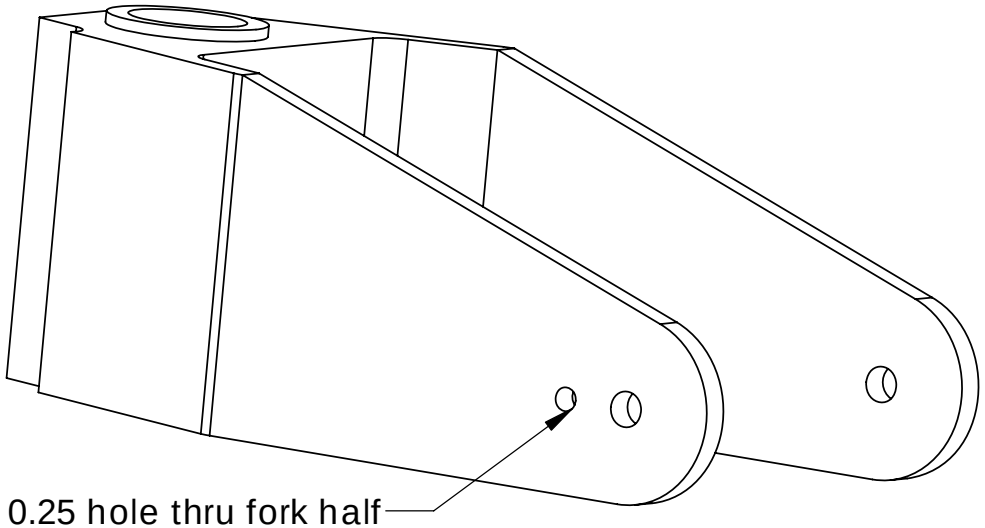
3) Slide WHLA24 on to AN6 Bolt with 0.25 inch hole aligned on horizontal axis of the fork hole.

NEXT ASSY.	USED ON	QTY
APPLICATION		

MATCO mfg 2361 S 1560 West Woods Cross, Utah 84087 USA	NOMENCLATURE A24 INSTALLATION	PART NUMBER WHLAXLE24	SCALE 1:4	TOLERANCES (EXCEPT AS NOTED) DO NOT SCALE DRAWING LINEAR .XX = ± .03 .XXX = ± .01 ANGULAR ± 1/2 CONCENTRIC ± .01	
	MATERIAL VARIES	DRAWING NO. MANUAL DWG/A24 Install	REVISION NC	Est Wt. (lb) –	
DRAWN BY George R. Happ	FINISH	DATE 12/8/2008	CHECKED BY	SHEET 1 OF 5 SHEET SIZE A	



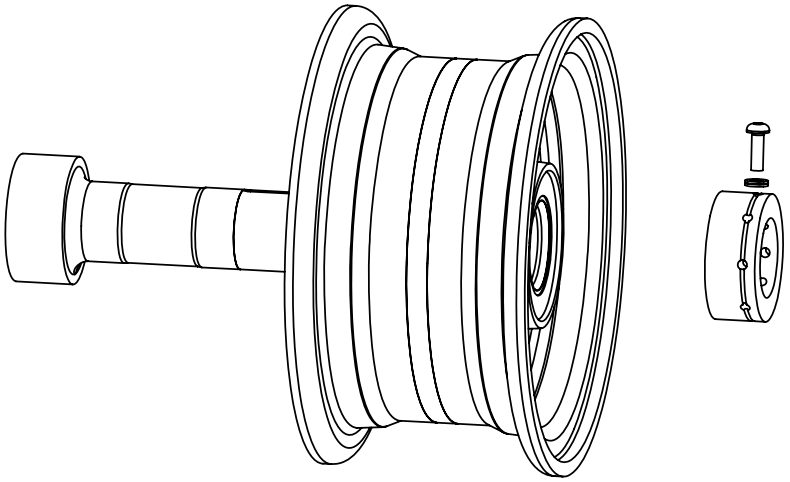
4) Precisely mark hole center on fork by hand using #7 drill.

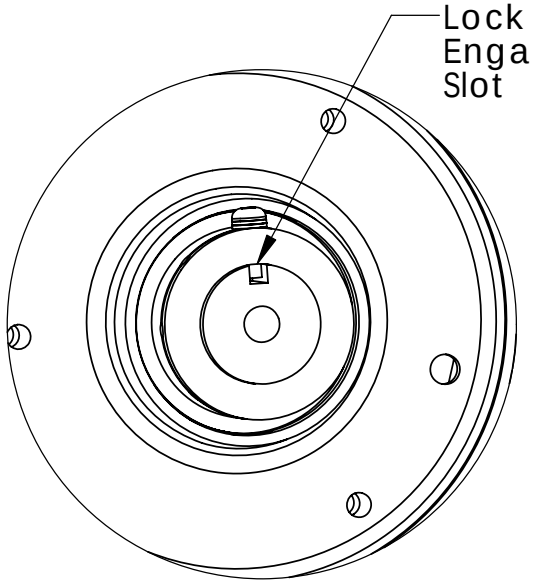


5) Drill 0.25 hole thru fork half

NEXT ASSY.	USED ON	QTY
APPLICATION		

MATCO mfg 2361 S 1560 West Woods Cross, Utah 84087 USA	NOMENCLATURE A24 INSTALLATION		PART NUMBER WHLAXLE24	SCALE 1:4	TOLERANCES (EXCEPT AS NOTED) DO NOT SCALE DRAWING LINEAR .XX = ± .03 .XXX = ± .01 ANGULAR ± 1/2 CONCENTRIC ± .01
	MATERIAL VARIES		DRAWING NO. MANUAL DWG/A24 Install	REVISION NC	Est Wt. (lb) –
DRAWN BY George R. Happ	FINISH	DATE 12/8/2008	CHECKED BY	SHEET 2 OF 5 SHEET SIZE A	





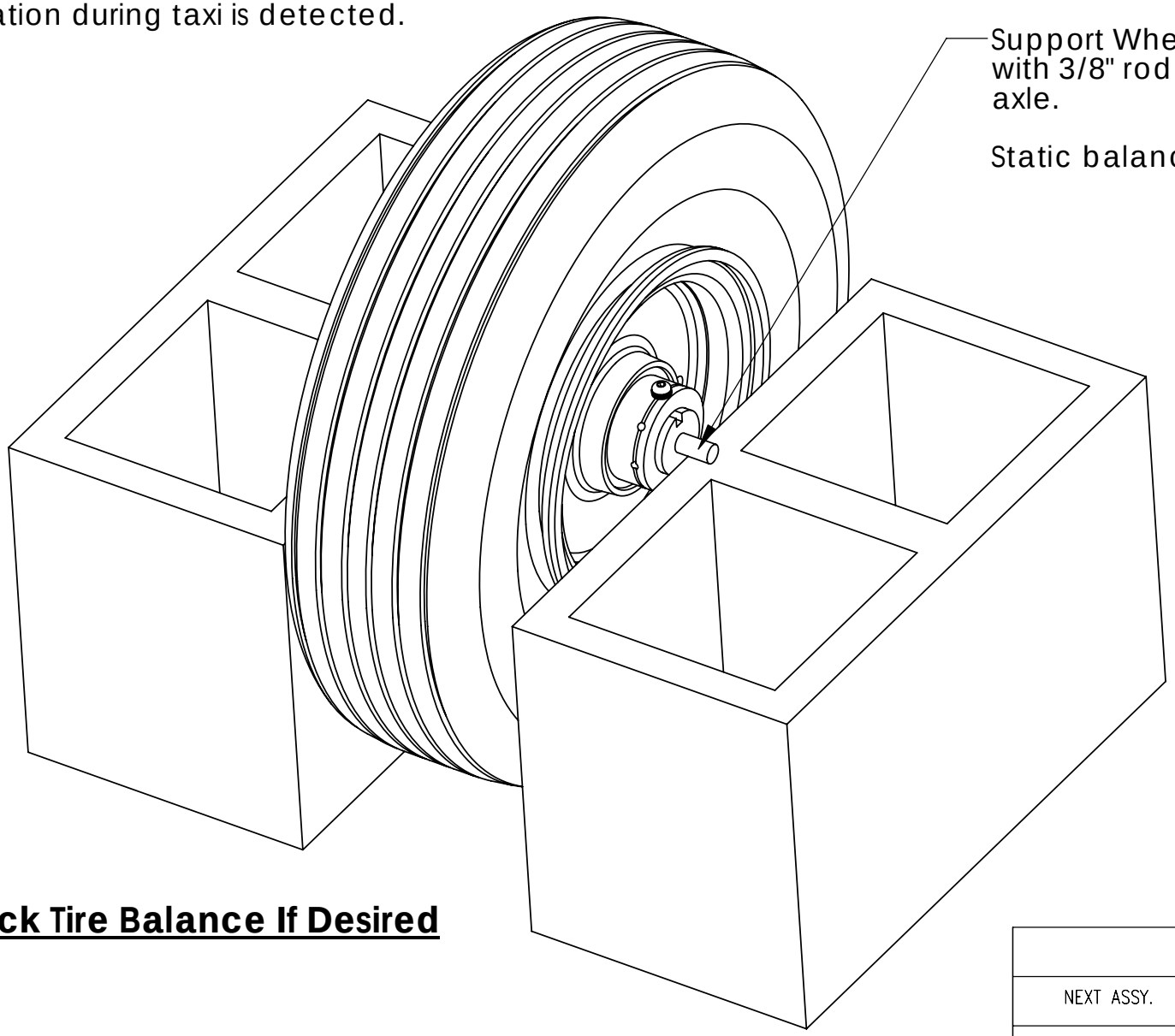
LOCK DETAIL
SHOWN INSTALLED

6)Pack bearings with grease. Apply grease to bearing seal edges and bore. Install bearings into wheel.
7)Install axle into wheel (tire not shown)
8)Install axle nut. Torque nut so that bearing seals do not rotate with wheel (seal face to stay staionary relative to axle as wheel is rotated)
9)Align nearest lock hole with axle slot that maintains preload described in #8
10)Insert buttonhead cap screw with Nordloc washer and tighten to prevent rotation.

NEXT ASSY.	USED ON	QTY
APPLICATION		

MATCO mfg 2361 S 1560 West Woods Cross, Utah 84087 USA	NOMENCLATURE A24 INSTALLATION	PART NUMBER WHLAXLE24	SCALE 1:4	TOLERANCES (EXCEPT AS NOTED) DO NOT SCALE DRAWING LINEAR .XX = ± .03 .XXX = ± .01 ANGULAR ± 1/2 CONCENTRIC ± .01	
	MATERIAL VARIES	DRAWING NO. MANUAL DWG/A24 Install	REVISION NC	Est Wt. (lb) –	
DRAWN BY George R. Happ	FINISH	DATE 12/8/2008	CHECKED BY	SHEET 3 OF 5 SHEET SIZE A	

NOTE: Tire balance may be important for some installations and should be verified if vibration during taxi is detected.



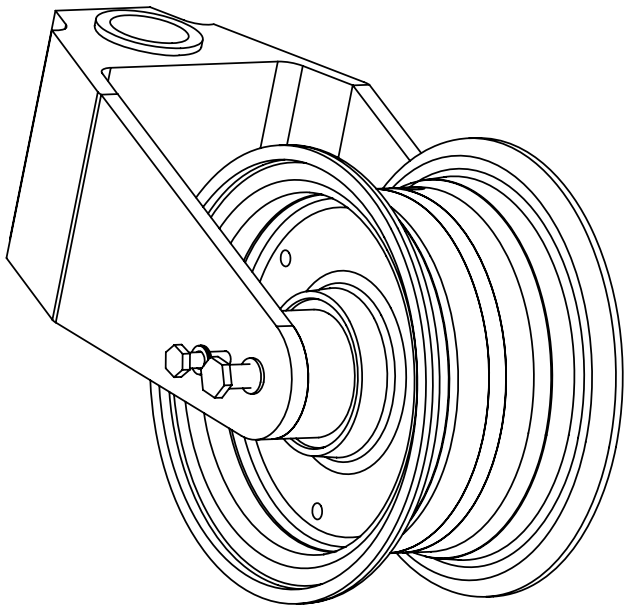
Check Tire Balance If Desired

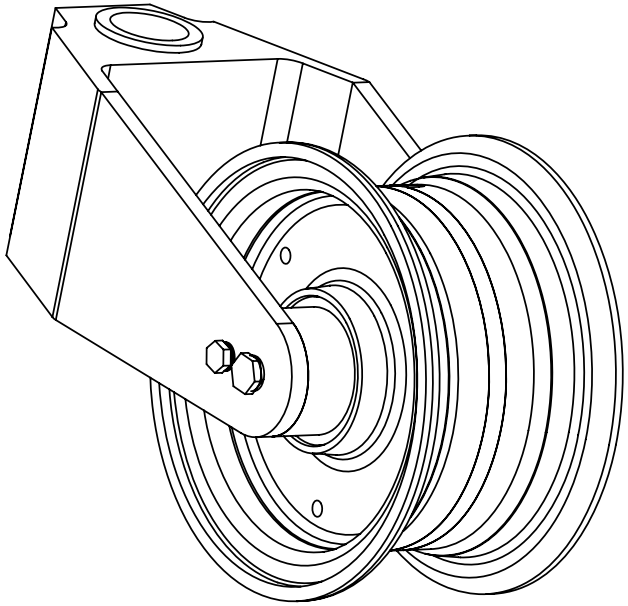
NEXT ASSY.	USED ON	QTY
APPLICATION		

MATCO mfg
2361 S 1560 West
Woods Cross, Utah 84087 USA

NOMENCLATURE: BALANCE, TIRE		PART NUMBER: TIRE BALANCE		SCALE: 1:8	TOLERANCES (EXCEPT AS NOTED) DO NOT SCALE DRAWING LINEAR .XX = ± .03 .XXX = ± .01 ANGULAR ± 1/2 CONCENTRIC ± .01
MATERIAL: VARIES		DRAWING NO.: MANUAL DWG/A24 Install	REVISION: NC	Est Wt. (lb): –	
DRAWN BY: George R. Happ	FINISH:	DATE: 12/8/2008	CHECKED BY:	SHEET 4 OF 5 SHEET SIZE A	

Note: Install one WHLA24SP spacer on each end of WHLA24 axle for 5.25 width fork (RV-10)





11)Mount wheel/axle assembly in fork aligning 0.25" fork hole with threaded hole in axle base. Install axle thru-bolt.

12) Set final torques and assembly is ready for use

NEXT ASSY.	USED ON	QTY
APPLICATION		

MATCO mfg 2361 S 1560 West Woods Cross, Utah 84087 USA	NOMENCLATURE A24 INSTALLATION		PART NUMBER WHLAXLE24	SCALE 1:8	TOLERANCES (EXCEPT AS NOTED) DO NOT SCALE DRAWING LINEAR .XX = ± .03 .XXX = ± .01 ANGULAR ± 1/2 CONCENTRIC ± .01
	MATERIAL VARIES	DRAWING NO. MANUAL DWG/A24 Install	REVISION NC	Est Wt. (lb) –	
DRAWN BY George R. Happ	FINISH	DATE 12/8/2008	CHECKED BY	SHEET 5 OF 5 SHEET SIZE A	