



October 15, 2014

To: Select Blue Bird Customers

Subject: Service Bulletin S14XP National Driver's Seat Shock Lower Mounting Tab Inspection

Models Affected: 2010-2013 Model Year All American and Vision Models

Bulletin Duration: One (1) Year from Date of Issue

Overview

The standard National pedestal driver's seat, in some instances, when exposed to extreme input loads from harsh road conditions and/or higher occupant weight, the shock lower mounting tab could weaken and possibly fatigue. This fatigue could lead to the tabs bending out of design specification and possibly result in failure. The driver's seat shock tab should be inspected and, if found out of tolerance, a reinforcement kit should be installed.

Service Bulletin S14XP provides instructions from CVG, Inc. for inspecting the driver's seat shock mounting tab and, if necessary, installation of a seat shock tab reinforcement service kit.

Affected Units

The buses in your fleet that are affected by Service Bulletin S14XP are identified by Blue Bird body serial number(s) on the enclosed cover sheet.

Time Allowance

Time allowed to inspect driver's seat shock lower mounting tab for deformation is 0.1hrs (6) minutes per bus.

Time allowed to inspect driver's seat shock lower mounting tab for deformation and install a seat shock tab reinforcement service kit, if needed, is 0.3hrs (18) minutes per bus.

Repair Parts

Seat shock tab reinforcement service kits (NSC Seat Part # 10877) for Service Bulletin S14XP will be provided at "No Charge" to you. Service kits must be ordered from your Blue Bird dealer. Parts are available in limited quantities.

Labor Reimbursement

If you perform Service Bulletin S14XP yourself or have an outside repair facility perform this bulletin you may submit claims for labor reimbursement to your Blue Bird dealer. Parts are provided at "No Charge".

Bulletin Duration

This Service Bulletin S14XP ends one (1) year from the date of issue.

Repair Facility

We encourage you to contact your Blue Bird dealer to arrange to have Service Bulletin S14XP performed. However, you may have the option to perform Service Bulletin S14XP yourself or have a qualified repair facility convenient to you perform this work. A qualified technician must perform work required under this bulletin.

Questions

Questions regarding Service Bulletin S14XP should be directed to your Blue Bird Dealer.

Sincerely,

A handwritten signature in cursive script that reads "Bill Coleman".

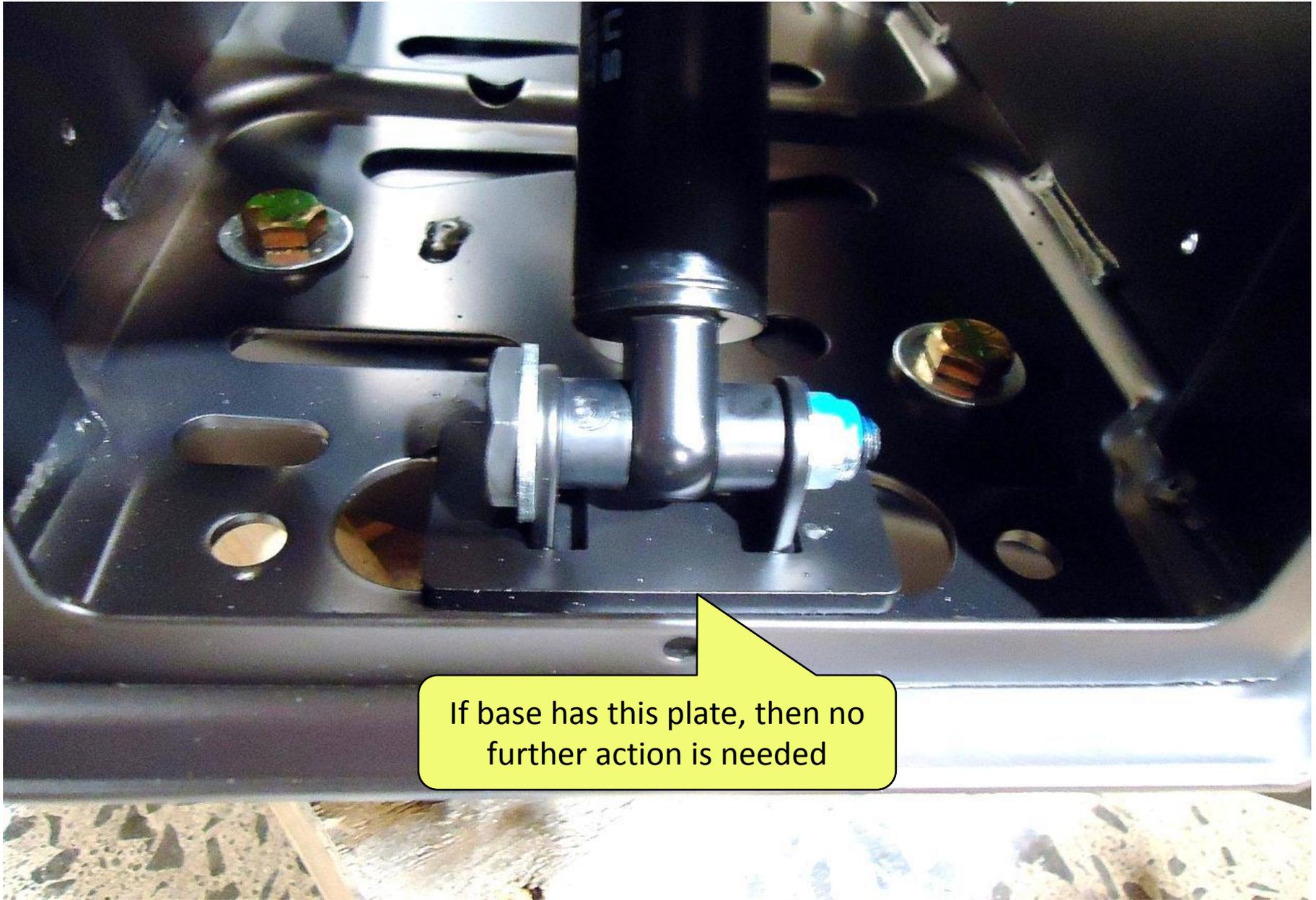
Bill Coleman
Engineering Services
478-822-2242



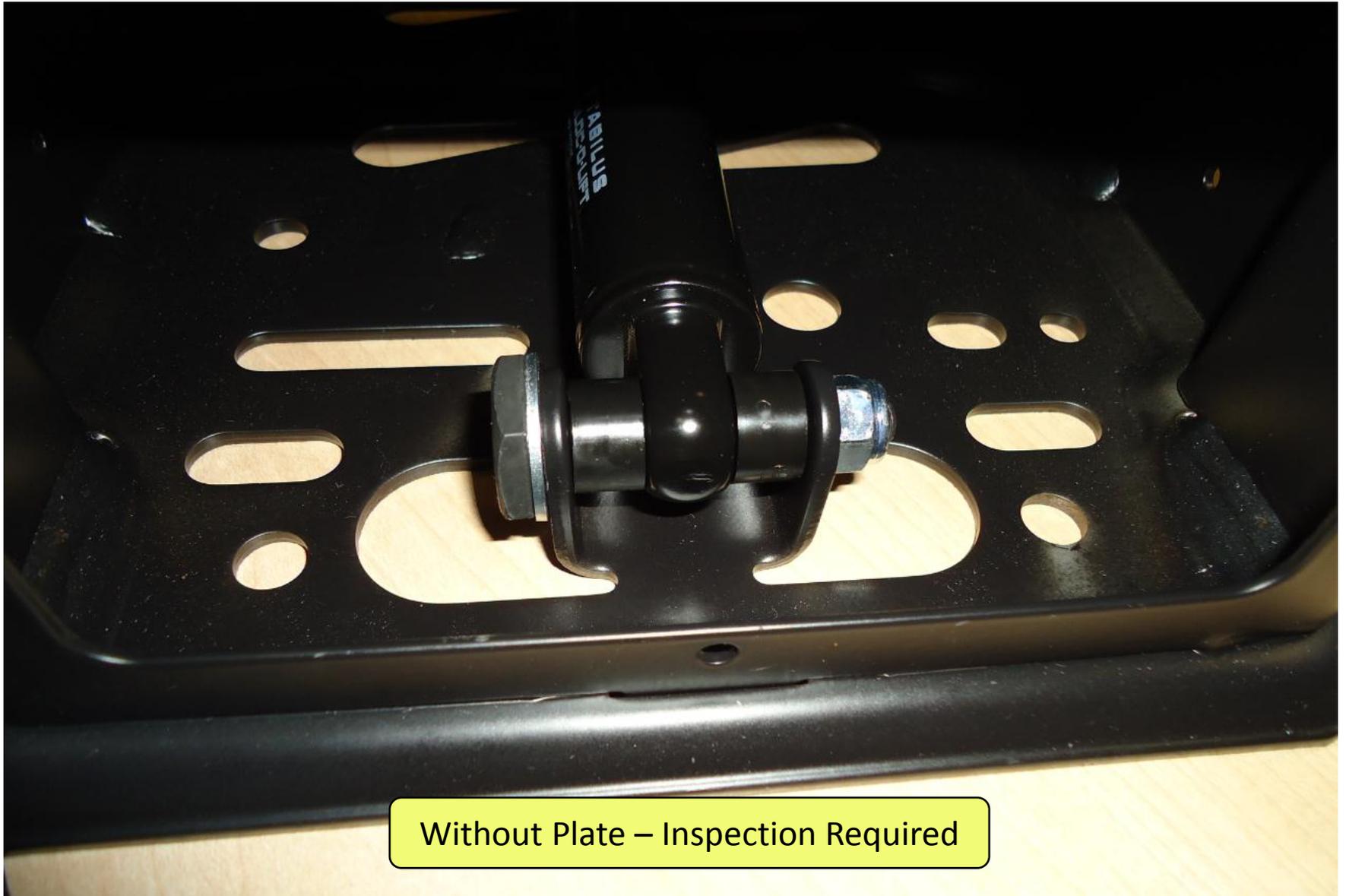
Blue Bird Shock Tab Inspection



- The following inspection procedure pertains to National Seating School Bus Driver Seats equipped with mechanical height adjuster bases. NSC Seat Part# 10877.
- In some instances, when exposed to extreme input loads from harsh road conditions and/or higher occupant weight, the shock mounting tabs could weaken and possibly fatigue. This fatigue could lead to the tabs bending out of design specification, and possibly result in failure.
- If the shock tabs are found to be out of tolerance, then a reinforcement kit is recommended.

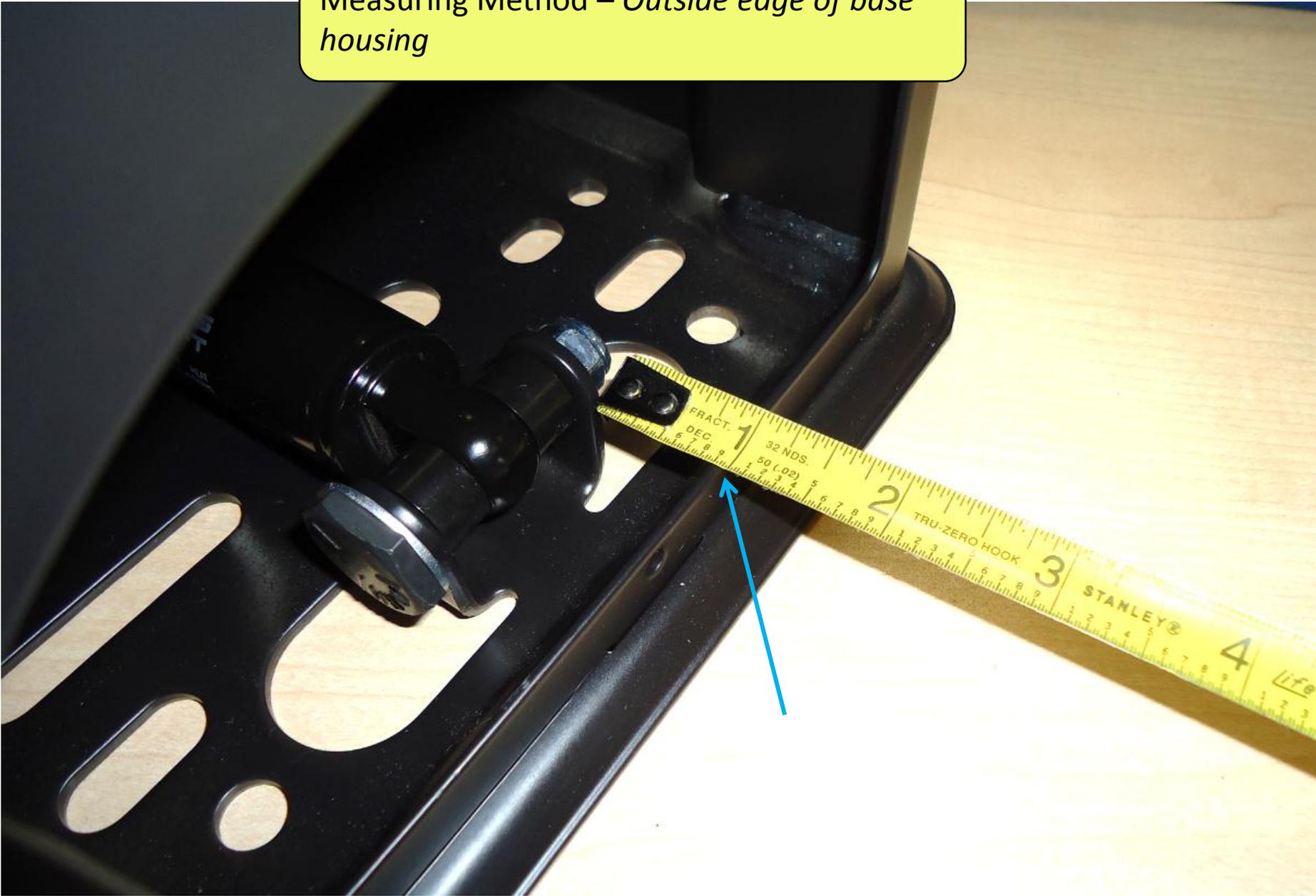


If base has this plate, then no further action is needed

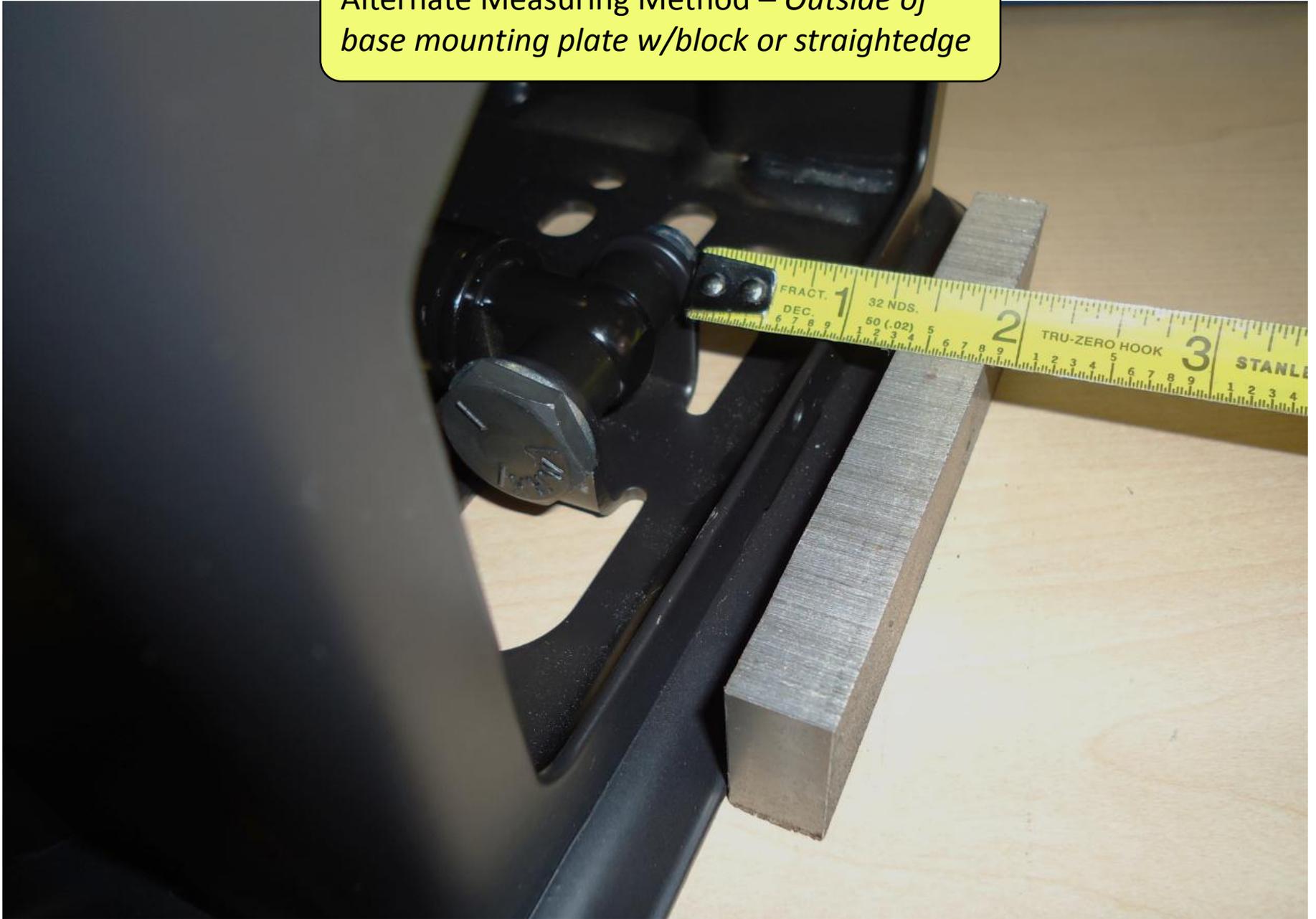


Without Plate – Inspection Required

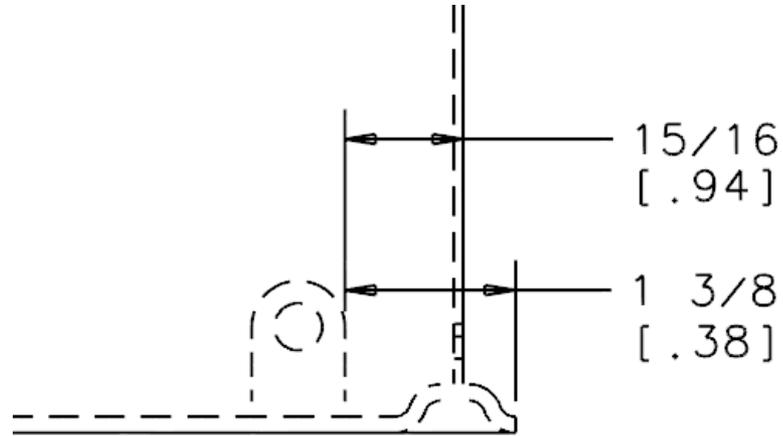
Measuring Method – *Outside edge of base housing*



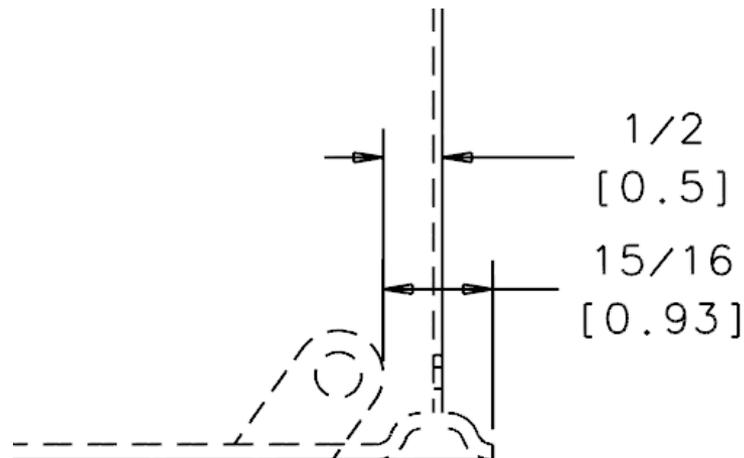
Alternate Measuring Method – *Outside of base mounting plate w/block or straightedge*



-Original Specification-

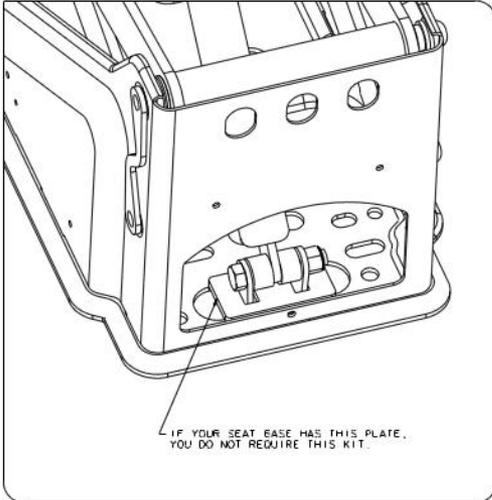


-Maximum Deformation -
(Service Kit required if measurement is less than this dimension)



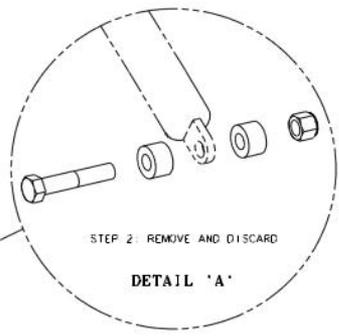
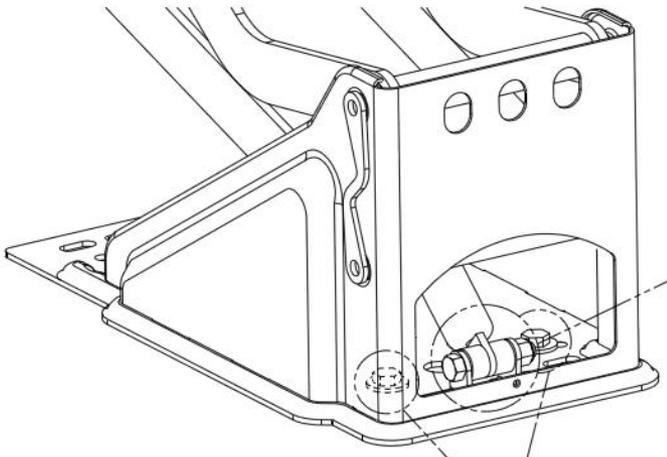
PART NO.	DESCRIPTION

-STANDARD MATERIAL REQUIREMENTS-
 METAL: NO BURRS PERMISSIBLE
 NON-METAL: F. M. V. S. S. 302



INSTRUCTIONS

- STEP 1: COLLAPSE BASE/SEAT TO FULL DOWN POSITION
- STEP 2: REMOVE AND DISCARD LOWER MOUNTING BOLTS, NUTS AND SPACERS (DETAIL 'A')
- STEP 3: REMOVE AND DISCARD THE FRONT MOUNTING BOLTS AND WASHERS.
- STEP 4: PROCEED TO SHEET 2



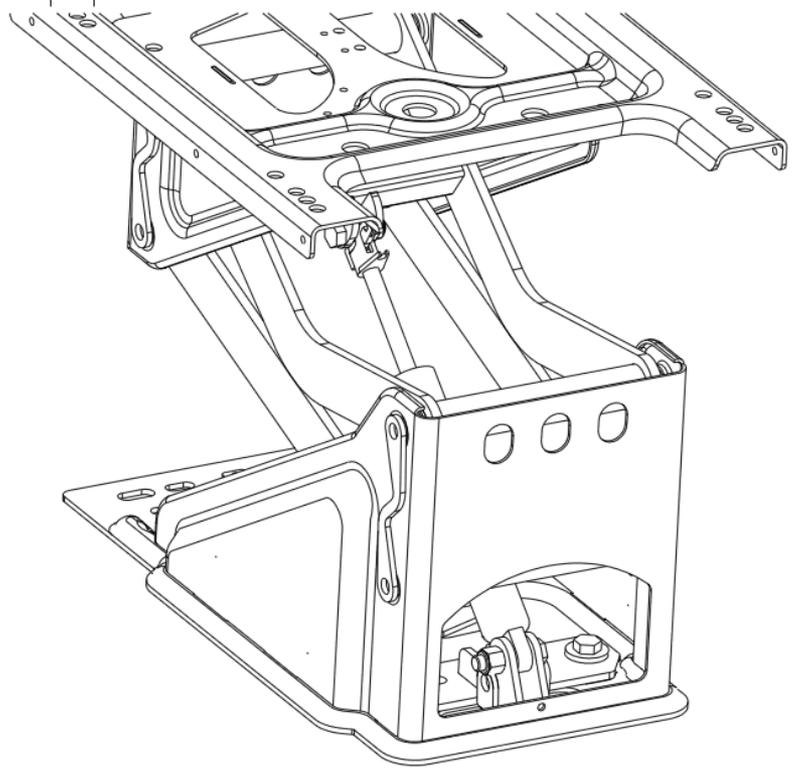
SHEET 1 OF 2

QTY	PART NO.	DESCRIPTION	ITEM
2	177060-49	5/16-18 LOCK NUT	7
4	177054-02	1.000 X .312 ID WASHER	8
2	177032-133	5/16-18 X 2.0 GRD 4 BOLT	5
6	177053-37	.875 OD X .38 ID WASHER	4
1	177060-55	3/8-16 LOCK NUT	3
1	177032-21	3/8-16 X 1.5 GRD 6 BOLT	2
1	236749-01	REINFORCEMENT BRACKET	1
-01	PART NO.	DESCRIPTION	ITEM

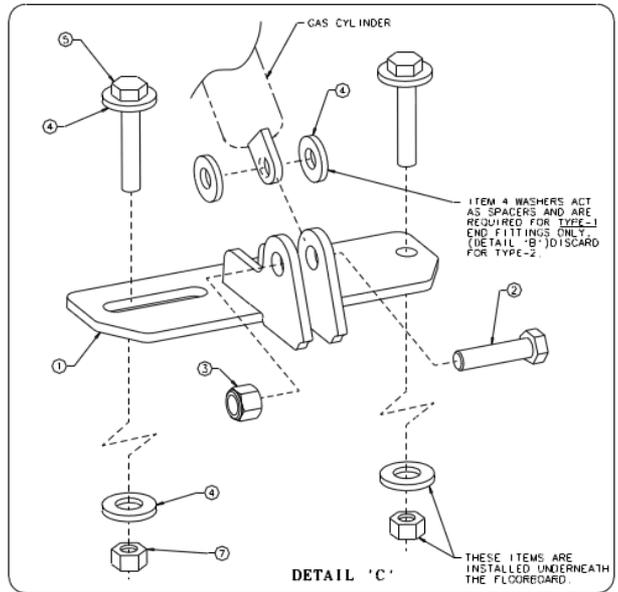
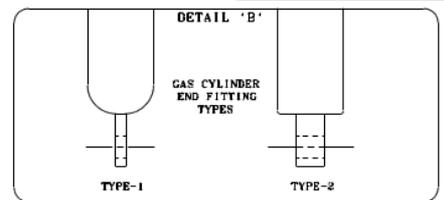
E1	ADDED ITEM 7, ITEM 4 QUANTITY WAS 4 (14-1406, 9-4-16, JJ)
A	REMOVED ITEM 6, ITEM 4 QUANTITY WAS 2, STEP 6 TORQUE WAS 20FT LBS (14-1200, 4-28-14, JJ)
*	RELEASE (14-1188, 4-3-14, JJ)
SYM	CHANGE (E C N - DATE - 6Y)

TOLERANCES		REQUIRED		DO NOT SCALE		ISSUE PARTS AND SERVICE KITS/REAS		
FORM	SCALE	DATE	NAME	DATE	NAME	PART NO.	REV	
				2-27-14		SERVICE KIT: SHOCK TAB REINFORCEMENT - BLUE BIRD	SK-1627	B

PART NO. DESCRIPTION



-STANDARD MATERIAL REQUIREMENTS-
METAL: NO BURRS PERMISSIBLE
NON-METAL: F.M.V.S.S. 302



INSTRUCTIONS - CONTINUED

- STEP 5: NOTE DIFFERENCES IN DETAIL 'B', DETERMINE WHICH END FITTING IS APPLICABLE
- STEP 6: INSTALL REINFORCEMENT BRACKET (DETAIL 'C') BY ATTACHING GAS CYLINDER TO ITEM 1 USING ITEMS 2 AND 3. *2 ADDITIONAL PCS OF ITEM 4 ONLY NEEDED FOR TYPE-1 END FITTINGS. TORQUE TO 5FT LBS.
- STEP 7: ATTACH ITEM 1 TO BASE USING ITEMS 4,5 AND 7

B	ADDED ITEM 7. ITEM 4 QUANTITY WAS 4 (14-1406, 9-4-16, JJ)
A	REMOVED ITEM 6. ITEM 4 QUANTITY WAS 2. STEP 6 TORQUE WAS 20FT LBS (14-1200, 4-28-14, JJ)
*	RELEASE (14-1186, 9-3-14, JJ)
SYM	CHANGE (E.C.N. - DATE - BY)

QTY	PART NO.	DESCRIPTION	ITEM
2	177050-49	5/16-18 LOCK NUT	7
2	177052-07	3/8-16-SS-10-WASHER	6
2	177032-133	5/16-18 X 2.0 GRD 8 BOLT	5
5	177053-37	875 DD X 38 ID WASHER	4
1	177060-55	3/8-16 LOCK NUT	3
1	177032-21	3/8-16 X 1.5 GRD 8 BOLT	2
1	236749-01	REINFORCEMENT BRACKET	1

TOLERANCES		REQUIRED		CORE PARTS AND SERVICE KITS/MS	
FORM	FINISH	DO NOT SCALE	DATE	REINFORCEMENT - BLUE BIRD	PART NO. SK-1627
AS SHOWN	AS SHOWN	DATE	2-27-14		REV B