

TECHNICAL SERVICE BULLETIN			
ISSUE DATE:	2/15/16	TSB NUMBER:	TSB-194B
HAZARD / URGENCY RATING			
X	DANGER - Physical harm is possible if TSB is not observed or followed		
X	WARNING - Equipment damage is possible if TSB is not observed or followed		
X	CAUTION - Essential issue affecting operation, service, parts or installation		
	INFORMATIONAL - Advisory which may be of interest		

APPLICABLE EQUIPMENT:

2016MY RAM 4500/5500 CHASSIS WITH THE RAFNA R-450 VERTICAL FRONT

SUMMARY:

ON CERTAIN VEHICLES IT IS POSSIBLE FOR THE VEHICLE AXLE LOCK HOOK TO MAKE CONTACT WITH THE FRONT BRAKE LINES. THIS TSB COVERS THE RELOCATION OF THE BRAKE LINES TO PROVIDE ADEQUATE CLEARANCE FOR THE AXLE LOCK HOOKS

IMPACT:

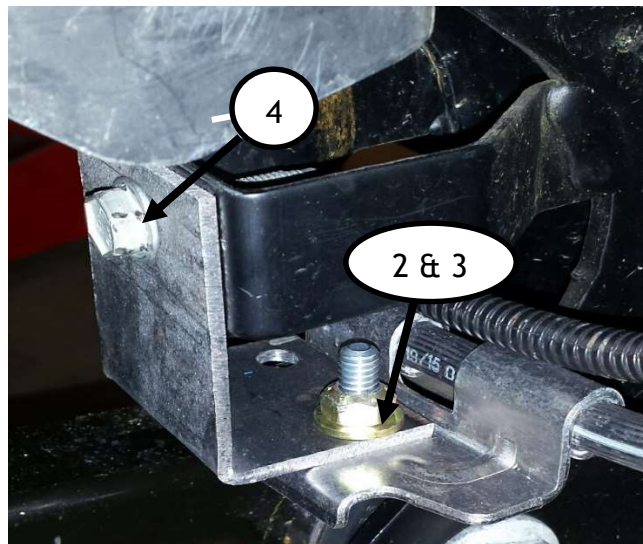
IF THE BRAKE LINES WERE NOT PROPERLY CHECKED FOR CLEARANCE AT INSTALLATION, THE AXLE LOCK HOOK CAN COME IN CONTACT WITH THE BRAKE LINES DURING AXLE ARTICULATION OR DURING OPERATION OF THE AXLE LOCK HOOK.

ACTION:

THE BRAKE LINES NEED TO BE RELOCATE USING THE SUPPLIED MOUNTING BRACKET AND HARDWARE AND THE OEM BRAKE LINE MOUNTING BRACKET.

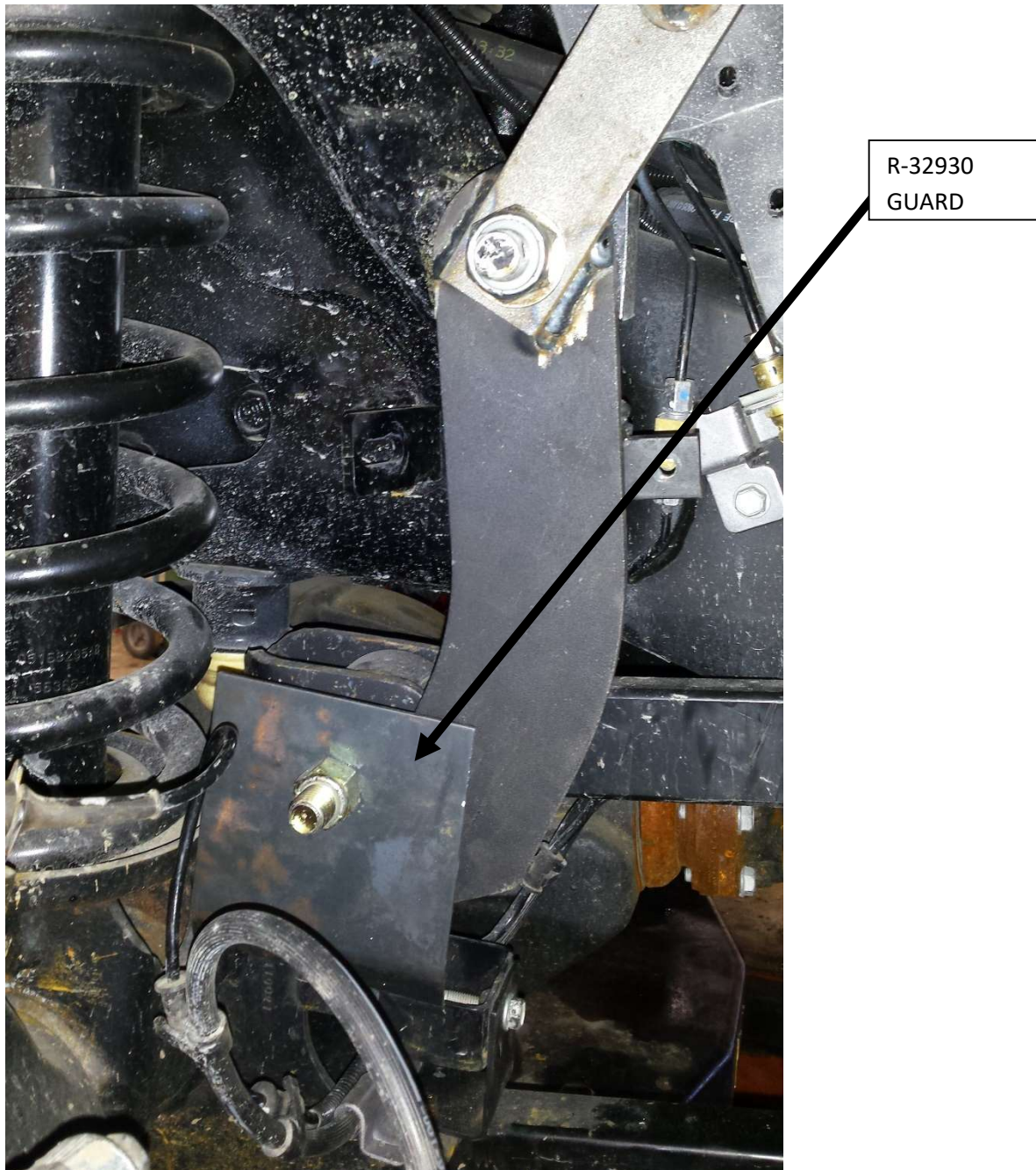
1. PROCEDURE (BRAKE LINE RELOCATION - PASSENGERS SIDE SHOWN - DRIVERS SIDE TYPICAL):

1. REMOVE THE OEM BRAKE LINE MOUNTING BRACKET FROM AXLE HOUSING.
2. BOLT THE OEM BRAKE LINE MOUNTING BRACKET TO THE RELOCATION BRACKET USING THE SUPPLIED 5/16" HARDWARE.
3. THERE ARE TWO MOUNTING HOLES IN THE RELOCATION BRACKET. THE OEM BRACKET SHOULD BE MOUNTED IN THE HOLE CLOSEST TO THE TIRE
4. BOLT BRAKE LINE RELOCATION BRKT TO TO AXLE HOUSING IN EXISTING HOLE USING THE OEM HARDWARE.



2. PROCEDURE (LOCKUP HOOK CATCH MODIFICATION - DRIVERS SIDE SHOWN - PASSENGERS SIDE TYPICAL):

1. REMOVE OVERSIZED FLAT WASHER AND REPLACE WITH R-32930, GUARD.



Required Kits and Parts for this TSB:

K-R45RMBLRWK - Brake Line Relocation Kit (one kit per truck)

Rafna Industries Ltd.				26-Jan-16
K-R45RMBLRWK				15-Feb-16
2016 RAM BRAKE LINE RELOCATION KIT				rev. C
Vehicle Application Chart				
Year	Make	Model #	Model	
2016	RAM		4500/5500 CHASSIS	
Part Number	Description	# Req.	Remarks	Check
R-32960	MTG BRKT	2		
R-32930	GUARD	2		
R-990KIT-416	H.H.C.S., 5/16" UNC X 3/4"	2	HARDWARE KIT	
	SAE FLAT WASHER, 5/16"	4		
	NYLOCK NUT, 5/16" UNC	2		
	SAE FLAT WASHER, 3/4"	2		