

TECHNICAL SERVICE BULLETIN			
ISSUE DATE:	2/22/16	TSB NUMBER:	TSB-195
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:**

ALL RAFNA R-890 RAILGEAR (VERTICAL FRONT, VERTICAL REAR, VERTICAL BEHIND CAB)

**SUMMARY:**

A HYDRAULIC LINE RUPTURE/FAILURE OR HYDRAULIC FITTING RUPTURE/FAILURE BETWEEN THE EXISTING P.O. CHECK VALVE AND THE BLIND END CYLINDER PORTS WILL CAUSE LOSS OF HYDRAULIC FLUID TO BOTH CYLINDERS.

**IMPACT:**

LOSS OF HYDRAULIC FLUID TO THE RAILGEAR CYLINDERS WHILE IN THE RAIL POSITION WILL CAUSE THE CYLINDERS TO COLLAPSE. THE RAILGEAR WILL NO LONGER BE ABLE TO SUPPORT THE WEIGHT OF THE VEHICLE AND THIS CAN CAUSE A VEHICLE DERAILMENT.

**ACTION:**

CYLINDER PORT MOUNTED P.O. CHECK VALVES WILL NEED TO BE INSTALLED AT EACH BLIND END CYLINDER PORT.

**1. PROCEDURE (REF: K-H89XXXPO):**

1. REMOVE THE EXISTING FITTINGS AND HYDRAULIC LINES BETWEEN THE BLIND END CYLINDER PORTS ON EACH RAILGEAR UNIT. THE EXISTING TEE WILL BE REUSED.
2. INSTALL P.O. CHECK VALVES AT EACH BLIND END CYLINDER PORT WITH SUPPLIED FITTINGS.
3. INSTALL NEW FITTINGS AND LINES FROM P.O. CHECK VALVES TO EXISTING TEE RUNNING UP TO THE EXISTING P.O. CHECK VALVE.
4. REFER TO K-H89XXXPO FOR KIT COMPONENTS AND INSTALLATION INSTRUCTIONS.