

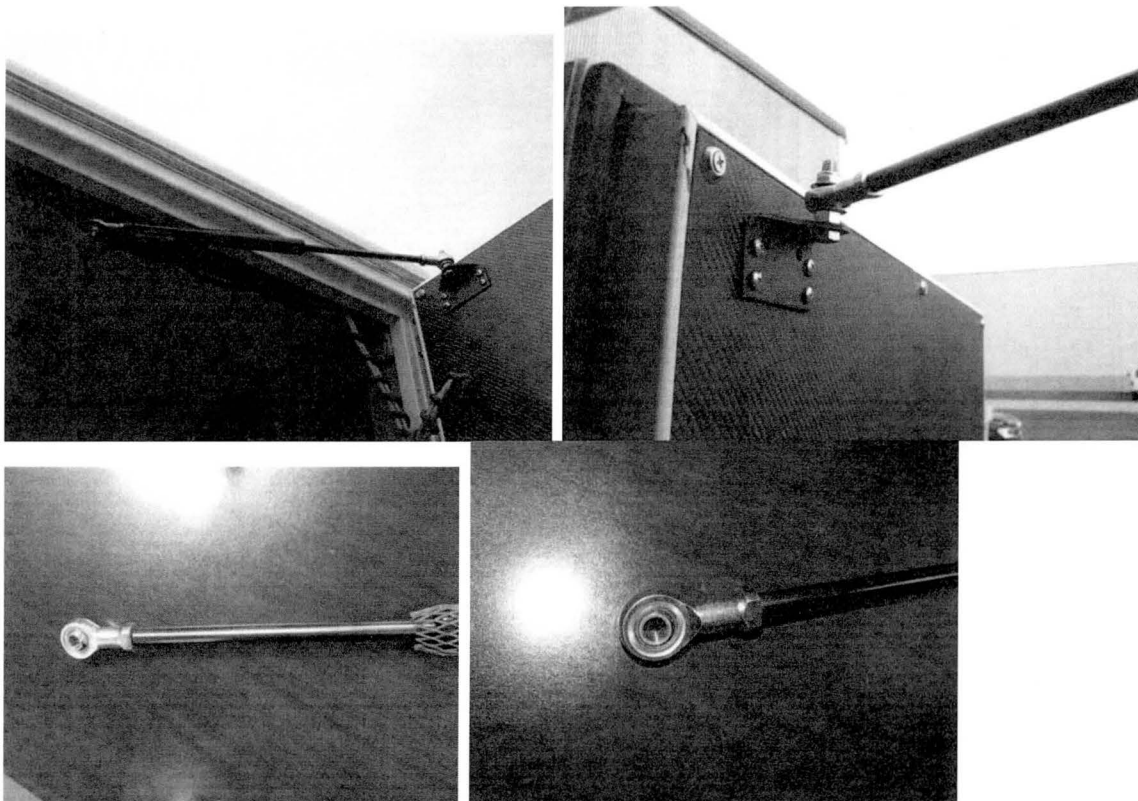
HORTON ENGINEERING CHANGE NOTICE

ECN 1388

JUNE 2013

REPLACING THE SIDE ENTRY DOOR GAS SPRING/ SHOCK

This ECN is for changing the standard Suspa side entry door gas spring PN 10009821 to Suspa (C16-31016) PN 10012912. We have been experiencing some failures with the current gas spring on side entry doors. The current fixed clevis (NYC Style) is breaking and some of the shafts are bending. To correct the problem, we designed a new gas spring with thicker shaft 0.390" and larger cast clevis. In addition, the new clevis is a swivel style and will relieve any additional angle stress on gas spring. The new design will provide better support for our side entry doors and will compensate for angle variation in the install process. See attached pictures for the new gas spring. (Field retrofit will require bracket relocation on door jamb and new lower close out board, use same brackets and hardware)



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