SM

SM057E– Replacement bearing roller H750 on PS, PSS and RS

Service instruction

Release date	2026-03-27
Part number	H750
Part description	Bearing roller

We welcome millions of people every day

Issue date	20216-07-07
Approval date	2026-03-27

Revision history

Revision	Date	By	Description
4.0	2026-03-27	M.Rewti	Added torque value to bolt
3.0	2024-07-15	J. Stelpstra	Manual revision
2.0	2018-07-04	G. Sprietsma	Reference updated to IATF 16949:2016
1.0	2016-07-07	M. Coehoorn	First release

Preface

The Quality System of Ventura Systems is accredited to EN ISO 9001:2015

All rights reserved. Disclosure to third parties of this document or any part thereof, or the use of any information contained therein for purposes other than provided for by this document, is not permitted, except with prior and express written permission from Ventura Systems.

Contents

1 Introduction 5
1.1 Purpose 5
1.2 Scope 5
1.3 Definitions 5
1.4 Acronyms and Abbreviations 5
1.5 References 5
1.5.1 External documents 5
1.5.2 Ventura documents 5
1.6 Tools 6
1.7 Material 6
2 Instruction 7
2.1 Execution 7

1 Introduction

1.1 Purpose

How to replace a guide roller H750 on the PS, PSS and RS door shaft.

1.2 Scope

Is applicable to all PS, PSS and RS door systems. The used pictures can vary per door type. This has no influence on the work procedure.

1.3 Definitions

Definition	Description
N. A	

Table 1: Definitions

1.4 Acronyms and Abbreviations

Abbreviation	Description
N. A	

Table 2: Acronyms and abbreviations

1.5 References

1.5.1 External documents

Reference	Description	Date
IATF 16949:2016	Automotive quality management system standard	2016-10-01
ISO 9001:2015	ISO Standard for Quality Management Systems – Requirements.	2015-10-01

Table 3: External documents

1.5.2 Ventura documents

Reference	Description	Date
MM	Ventura's Maintenance manual for the correct door system	N.A.
IM	Ventura's Installation manual for the correct door system	

Table 4: Ventura documents

1.6 Tools

Tool	Description	revision	Date
Hexagon 5 mm	PS		
Hexagon 7 mm	PS		
2x spanner 13 mm	PS		
Hexagon 4 mm	PSS		
Hexagon 6 mm	PSS		
Spanner 13 mm	PSS		
Hexagon 7 mm	RS		
Spanner 13 mm	RS		
Spanner 17 mm	RS		

Table 5: Required tools

1.7 Material

Material	Description	revision	Date
Loctite 243			
Bearing roller H750		4	

Table 6: Required material

2 Instruction

2.1 Execution

Difference between the door systems.

PS Plug Slide



Top view



Bottom view

PSS Plug Slide Separate



Top view



Bottom view

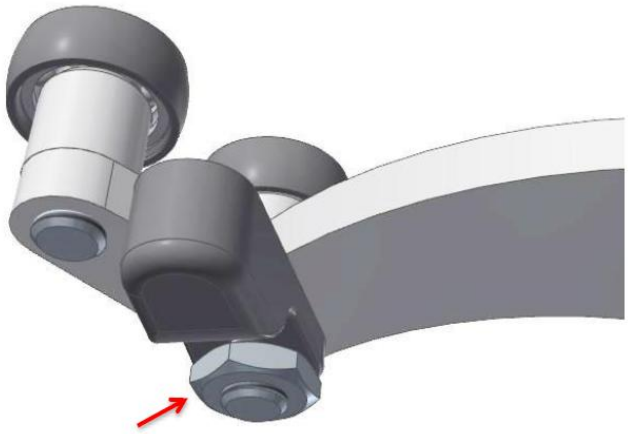
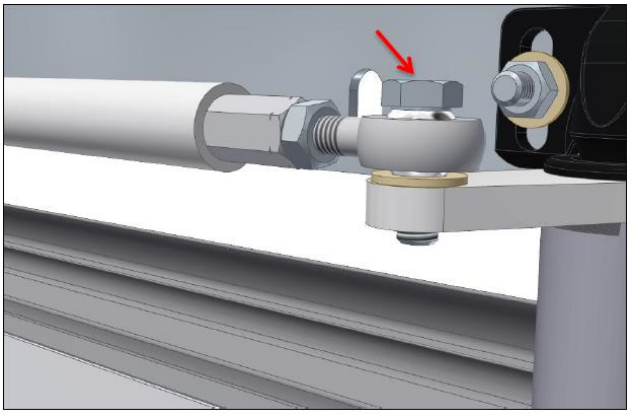
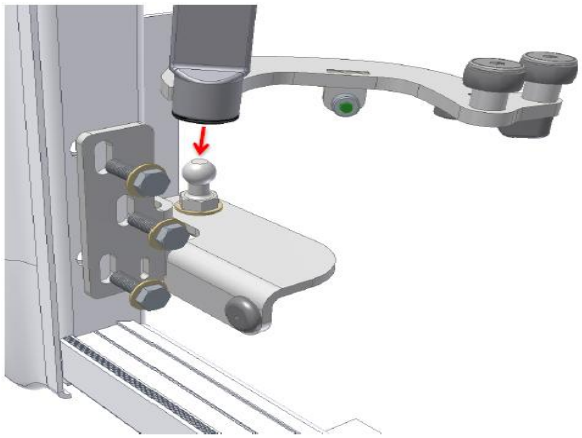
RS Rapid Slide

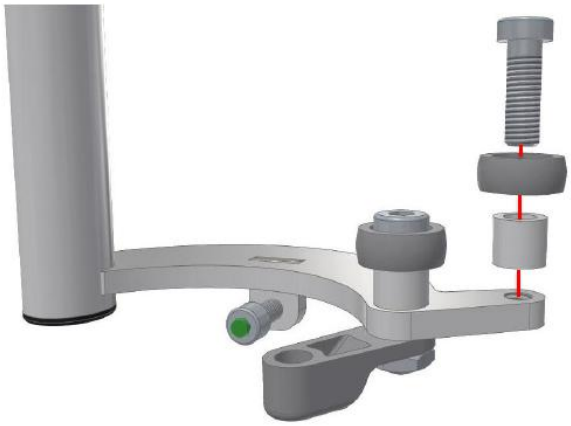
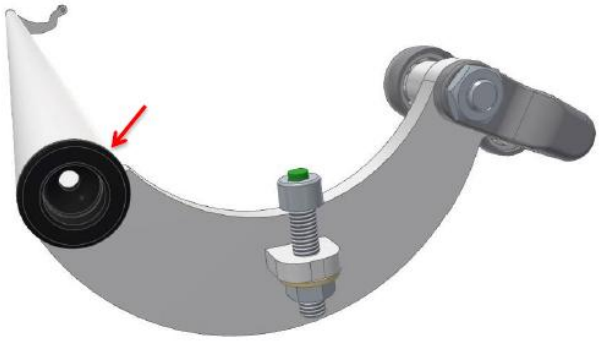
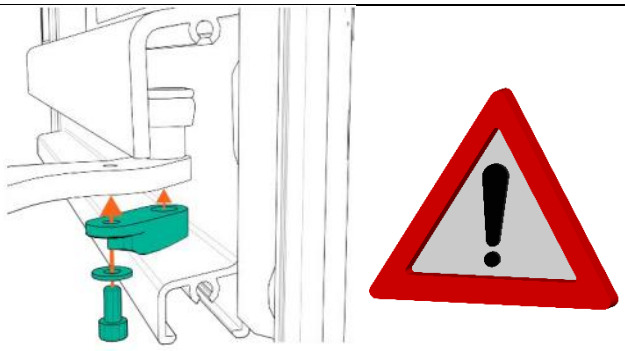


Top view



Bottom view

1. Put the door system in emergency mode so the door system will not move accidentally.	
2. Move the door leaf to half open position.	
3. Loosen the lever block on the door shaft's lower lever and rotate to the outside of the door rail.	
4. Disconnect the connecting rod from the door shaft's top lever.	
5. Prevent the door shaft from falling and loosen the bottom support fasteners. Take out the door shaft.	

6. Remove the bolt which holds the bearing roller.	
7. Place the new bearing roller in position. Ensure that the closed side of the bearing roller should be facing upwards.	
8. Apply Loctite 243 (or equivalent) to the thread and tighten the bolt	
9. Check if the bearing bush on the top and bottom of the door shaft are intact. If not, replace with part B689 bearing Bush.	
10. Place the door shaft back in position. Move the bottom support upwards so there is no vertical play.	
11. Rotate the lever block back in position and torque the bolt to 17 Nm.	

12. The distance between the door rail and door shaft lever should be 4-8mm. If not, consult the installation manual for more information.	