Hitch MAZ 80800 maintenance

Revision	*Date*	*Description*
00	*10/03/2020*	*First issue.*
01	*18/10/2022*	*Limitation on acceptance of mixed configuration of wagon-mounted devices*

0. Introduction

Pocket wagons series 4956 Sdggmrss ("T3000"), for which the ECM (Entity in Charge of Maintenance) is Mercitalia Intermodal, are equipped with hitch (also referred to as "trestle") MAZ-FAHO type 80800.

The following document describes the inspections that must be performed on the hitches during each maintenance intervention (preventive or corrective) on the above mentioned wagons.

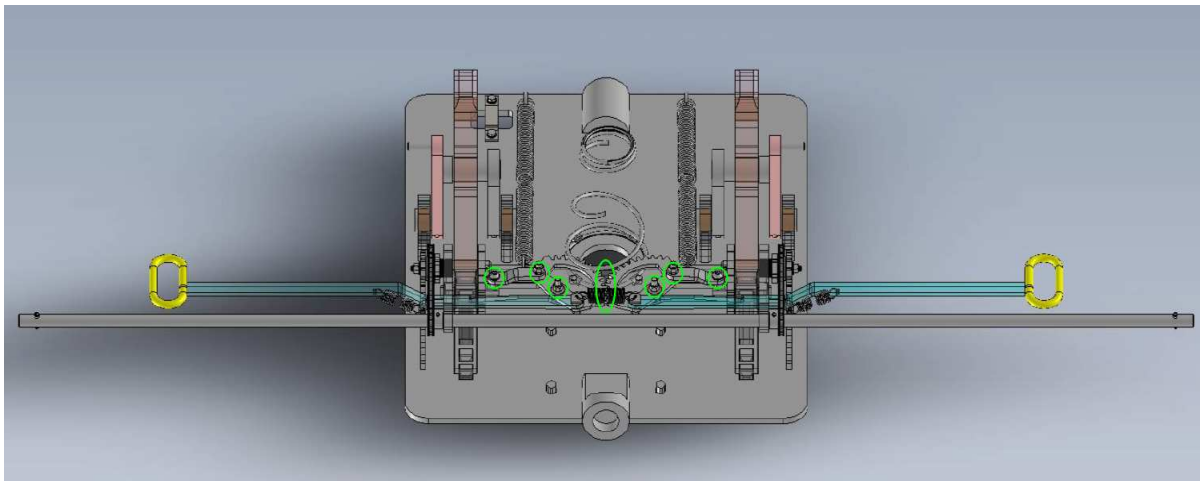
The present document are not applicable in case of planned maintenance interventions (overhaul G2, G4.0, G4.2 types): in these cases, the provisions of Maintenance Plan shall be applied.

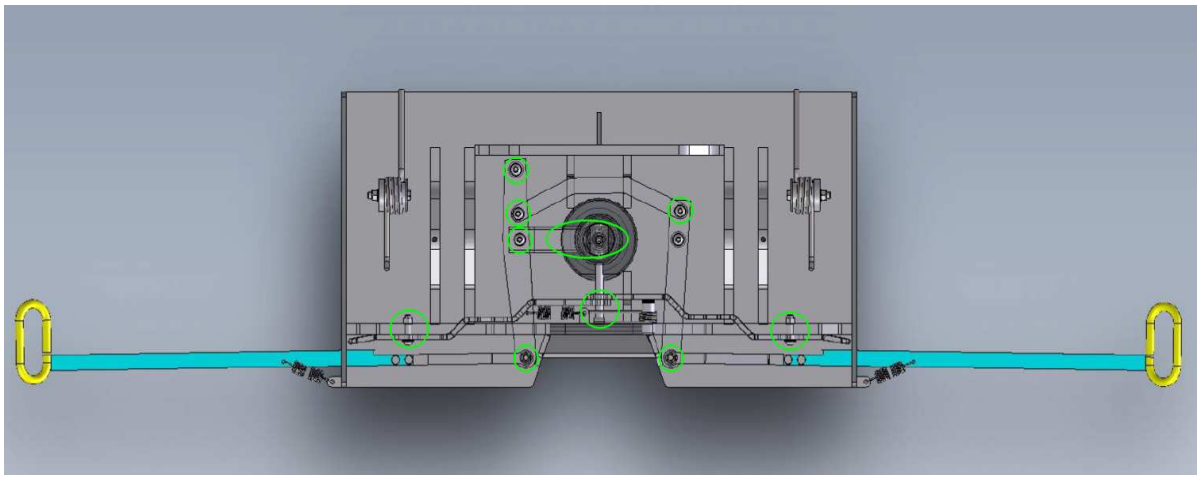
1. Description

1) Visually check of hitches and crash elements, verifying that no parts are missing, deformed, damaged, loosened or corroded.
2) Tighten, if necessary, the crash elements clamping parts.
3) Perform a functional test of the hitches, by moving them it in the three positions (88, 98, 113 cm) and by verifying the functionality of release handles.
4) Clean, in case of dirty and dust, the basement of the hitches.
5) Verify the lubrication of all the mobile parts of the hitches. Provide, if necessary, to lubricate the parts marked in green in the following figures.

NB: The marked areas are to be sprayed with spray oil of WEM 40 or L-AN 68 type.

Please note that the use of buffer grease it is not allowed on the hitches.





Any damage found on the hitches has to be promptly reported to Mercitalia Intermodal, which will provide the necessary instructions for the management of the damage.

It is also specified that Mercitalia Intermodal has introduced wagons with modified MAZ 80800 M hitch devices (without automatic release device) into its fleet. During maintenance activities it is required to verify the configuration of the two devices; mixed configurations are not allowed (both original MAZ 80800 or both MAZ 80800 M). If the mixed configuration is detected, Mercitalia Intermodal must be informed for subsequent arrangements.