

CONFIDENTIAL

 TOKAI RIKA

Notified Date
TOYOTA: 9/13/2022
SUBARU: 9/14/2022

Fr Seatbelt Component Part (D9PF type, Shaft Torsion) Improper Shape

9/12/2022
Toyota QC Div.
Tokai Rika Co. Ltd.

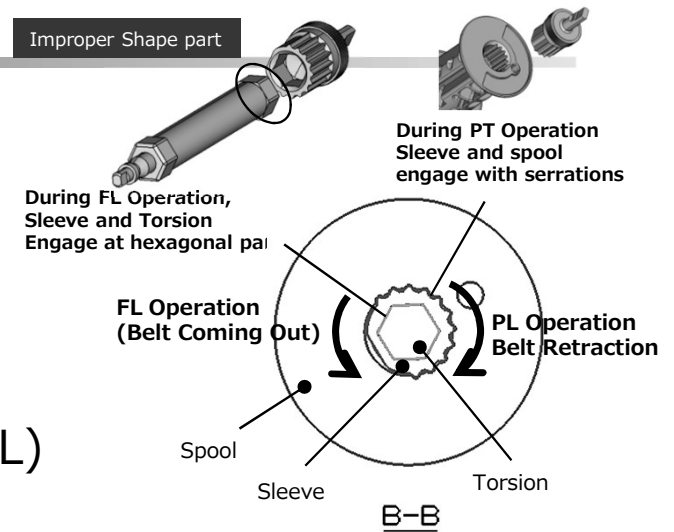
1. Improper Shape of the Shaft Torsion

■ Problem Description

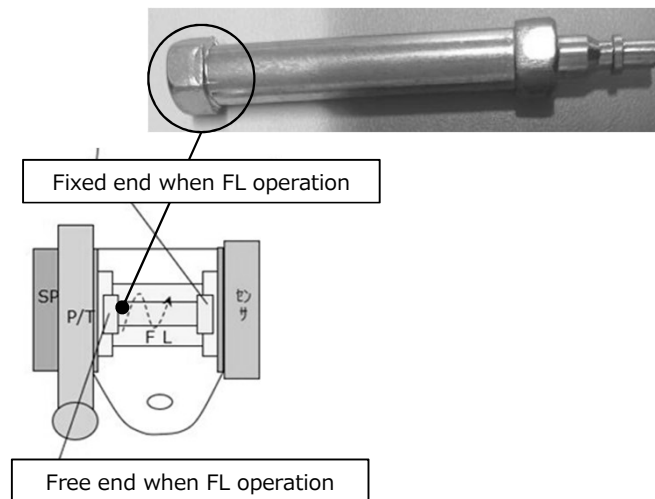
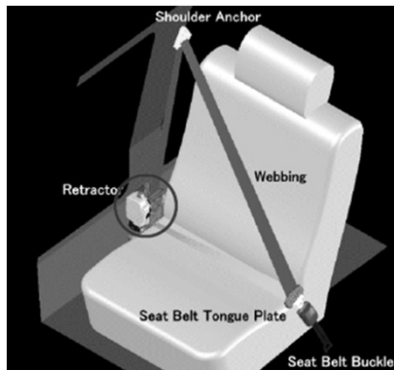
【Occurrence Date】 2022/9/5 (Mon)

【Problem Description】 Associate detected abnormal shape of Hexagonal portion of the "Shaft Torsion" which is Components of Force Limiter (FL) Mechanism and ensuring strength.

Improper Shape part



■ Shaft Torsion (D9PF type)



OK Part	NG Part
Normal Hexagonal Portion	Insufficient Hexagonal Portion (Underfill)

The size of the hexagonal portion is insufficient, and the material remains in the shaft part (twisting part), resulting in a shaft larger diameter.

【Function of Seatbelt (Retractor)】

Collision Safety

Pre-Tensioner



When a collision is detected, the belt is instantly retracted to securely restrain the occupant.

Force Limiter



Loosen the belt at a constant load to reduce the load on the occupant's chest

5. Current Status of Internal Inventory Sort

(1) Suspect Shaft Torsion TR Part # : 7G0879-0030 Production Site : TRJ (Japan)

(2) Suspect Production Lot
Shaft Torsion (Forging)

■ Production Date '2022/3/22

■ Production Quantity: 24,000pcs.

■ **Affected Overseas Subsidiaries
used suspect lot parts.**

(3) Internal Sort Status (as of 9/11)

Forging Lot	# of Sort	# of NG	NG Ratio
24,000 pcs.	16,815 pcs.	16 pcs.	0.095%

TRJ (Japan)
TRCW (China)
TSB (Thailand)
TRQSS (Canada)
TRMN (India)

(4) Estimated # of NG flow out

Total # of NG : 24,000pcs.×0.095% = 23pcs. (est.)
of NG from sort : 16pcs.
of remained NG : 7pcs. (estimated) – Global Total

Estimated total # of
possible NG Parts: 14pcs.(est.)

(5) Suspect Shipping Period

■ 2022/5/19~ ※ The period varies upon Part # and Overseas Subsidiaries