

F-16 escape system components

# LIFE-SAVING FORCE

Escape system components  
you can trust



**Collins Aerospace**

# F-16 A/C/E

## Escape System Components

### DESIGNED FOR SAFETY

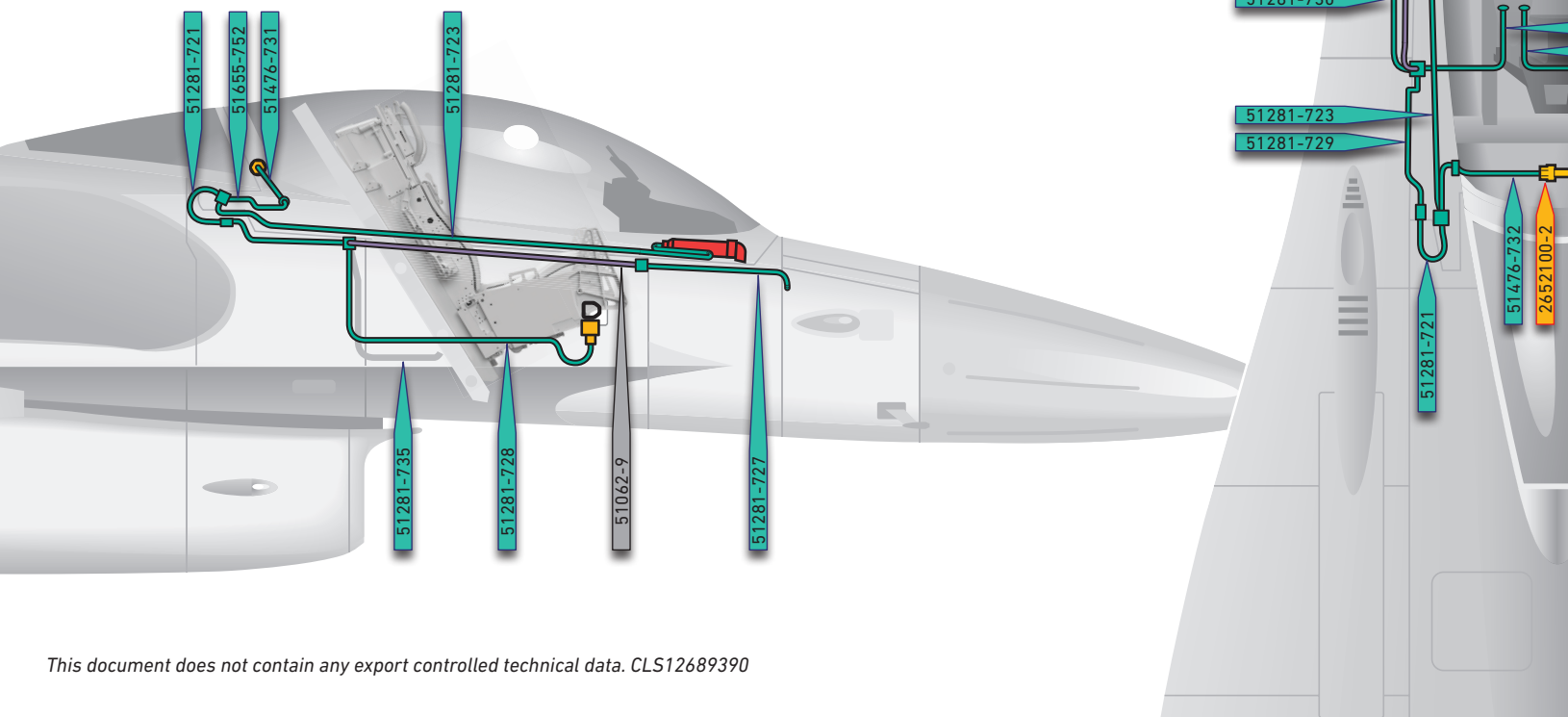
Collins Aerospace brings smarter, safer solutions to the aerospace and defense industry. We offer the latest innovations in energetic material development and manufacturing. As we develop newer and more eco-friendly fighter and attack aircraft technologies, we continue to grow our legacy.

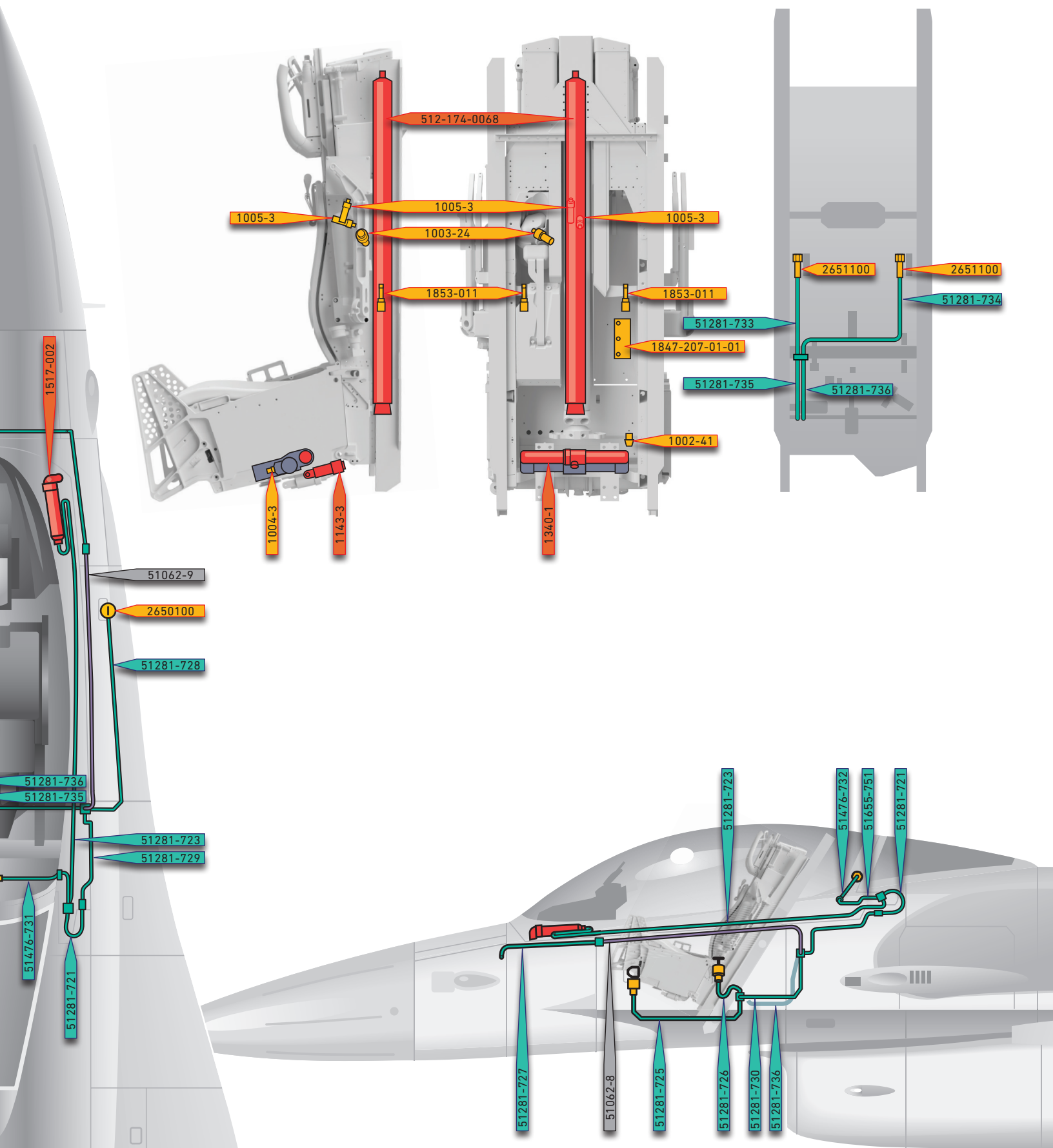
As the original equipment manufacturer (OEM), we are proud to provide technologically advanced and integrated F-16 escape system solutions. Every component is intended to support the life-saving ejection system. From initial design through to production, safety is our top priority.

### SUPERIOR PERFORMANCE

We understand that components and systems are only as good as their actual performance. That's why Collins Aerospace maintains a comprehensive test environment, including the only privately owned test track within the USA. From raw powders in a pyrotechnic device to the final product, we retain the expertise to test every aspect of the system.

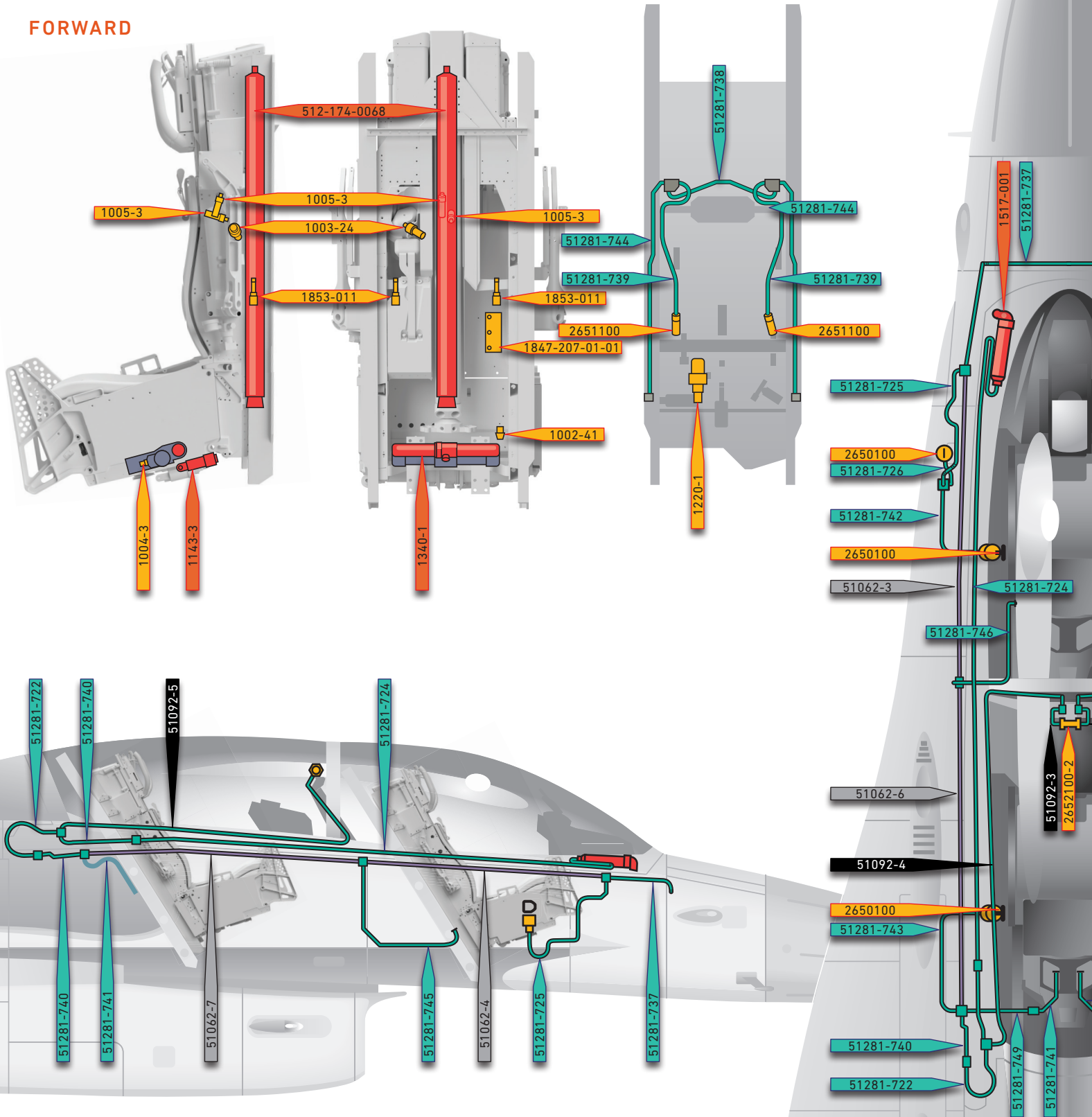
Our F-16 escape system components are built and tested for performance when timing is critical. You can trust that each component will function as intended. At Collins Aerospace, our exceptional experience and unsurpassed innovation ensure superior performance and an ejection system you can count on.



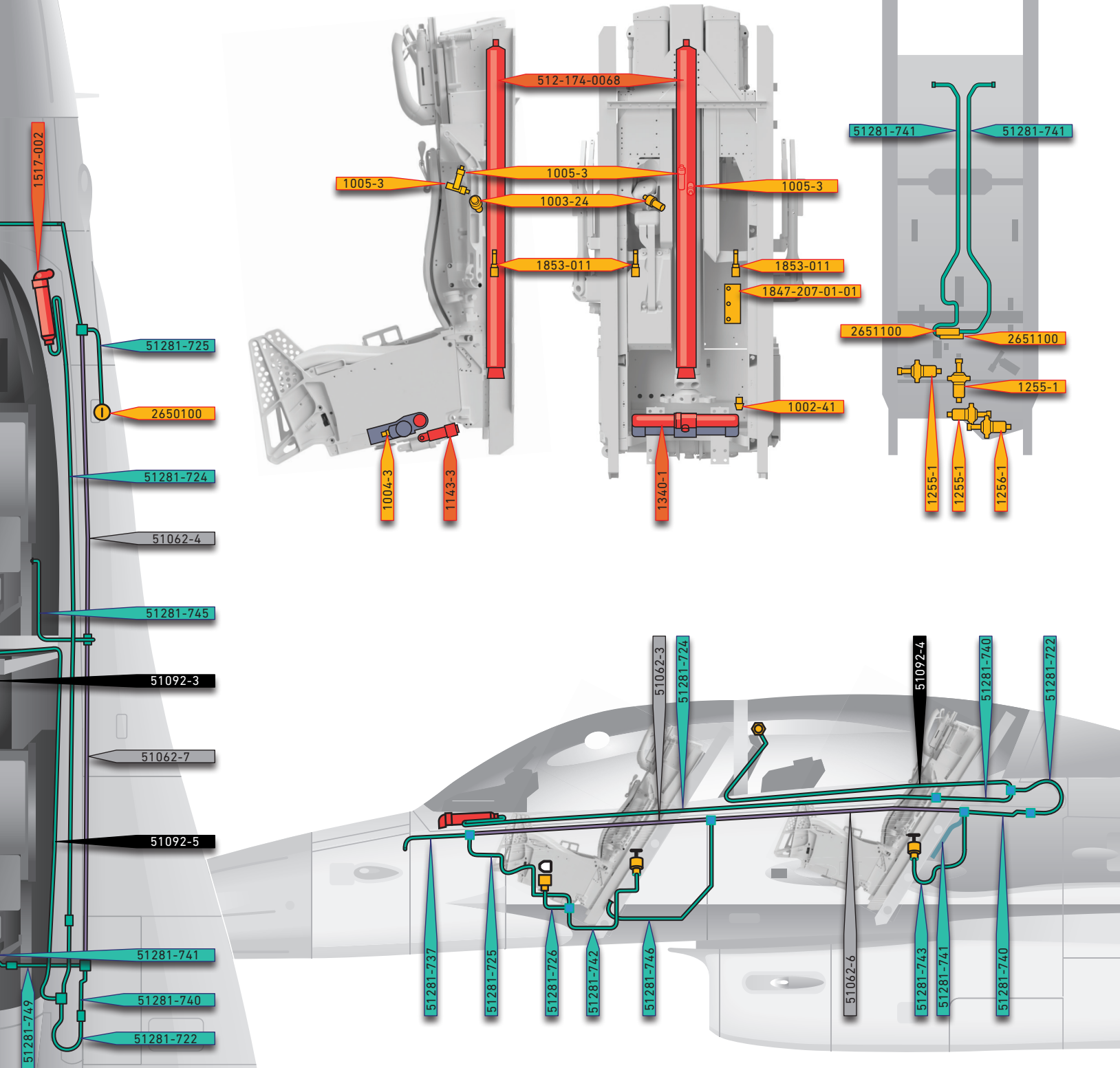


# F-16 B/D/F Escape System Components

## FORWARD



AFT



## F-16 Escape System Component Check List

PART NUMBER	NSN	DESCRIPTION	F-16 A/C/E	F-16 B/D/F	REFURBISH
1002-41	1377-01-052-8206	Cartridge Assy, Harness Release	1	2	
1003-24	1377-01-052-8208	Drogue Gun Cartridge	1	2	
1005-3	1377-01-052-8207	Mortar Cartridge	2	4	
1143-3	1377-01-053-0587	Divergence Rocket Motor	1	2	X
2651100	1377-01-054-2911	Gas Actuated Initiator	2	4	
2650100	1377-01-054-2912	Manually Actuated DTA Initiator	3	4	
51092-3	1377-01-054-9950	Detonation Transfer Assy		2	
51062-3	1377-01-055-9964	Emergency Canopy Release Line		1	
51062-4	1377-01-056-8642	Emergency Canopy Release Line		1	
51062-6	1377-01-056-8643	Emergency Canopy Release Line		1	
51062-7	1377-01-056-8644	Emergency Canopy Release Line		1	
51092-4	1377-01-063-9732	Detonation Transfer Assembly		1	
51092-5	1377-01-063-9733	Detonation Transfer Assembly		1	
1220-1	1377-01-073-2190	Initiator, Dual Delay		1	
51062-8	1377-01-073-9444	Emergency Canopy Release Line	1		
51062-9	1377-01-073-9445	Emergency Canopy Release Line	1		
2652100-2	1377-01-085-5974	Bolt, Canopy Release	1	1	
1255-1	1377-01-102-2219	Initiator		3	
1256-1	1377-01-102-8963	Initiator, Delay 0.40 sec		1	
1847-207-01-01	1377-01-618-6945	Modernized ACES Seat Sequencer	1	2	
51281-721	1377-01-139-2835	Detonation Transfer Assembly	2		
51281-722	1377-01-140-4415	Detonation Transfer Assembly		2	
51281-723	1377-01-144-8481	Detonation Transfer Assembly	2		
51281-724	1377-01-144-8482	Detonation Transfer Assembly		2	
51281-725	1377-01-160-6506	Detonation Transfer Assembly	1	2	
51281-729	1377-01-198-7480	Detonation Transfer Assembly	2		
51281-727	1377-01-198-7481	Detonation Transfer Assembly	1		
51281-728	1377-01-198-7482	Detonation Transfer Assembly	1		
51281-733	1377-01-198-7483	Detonation Transfer Assembly	1		
51281-734	1377-01-198-7484	Detonation Transfer Assembly	1		
51281-735	1377-01-198-7485	Detonation Transfer Assembly	1		

PART NUMBER	NSN	DESCRIPTION	F-16 A/C/E	F-16 B/D/F	REFURBISH
51476-732	1377-01-200-2429	Detonation Transfer Assembly	1		
51281-737	1377-01-200-9008	Detonation Transfer Assembly		1	
51281-738	1377-01-200-9009	Detonation Transfer Assembly		1	
51281-739	1377-01-200-9010	Detonation Transfer Assembly		2	
51281-740	1377-01-200-9011	Detonation Transfer Assembly		4	
51281-741	1377-01-200-9012	Detonation Transfer Assembly		2	
51281-726	1377-01-200-9013	Detonation Transfer Assembly	1	1	
51281-742	1377-01-200-9014	Detonation Transfer Assembly		1	
51281-743	1377-01-200-9015	Detonation Transfer Assembly		1	
51281-744	1377-01-200-9016	Detonation Transfer Assembly		2	
51281-746	1377-01-200-9017	Detonation Transfer Assembly		1	
51281-745	1377-01-200-9018	Detonation Transfer Assembly		1	
51281-736	1377-01-200-9019	Detonation Transfer Assembly	1		
51281-730	1377-01-201-5515	Detonation Transfer Assembly	1		
51476-731	1377-01-203-9713	Detonation Transfer Assembly	1		
51281-749	1377-01-240-3600	Detonation Transfer Assembly		2	
51655-751	1377-01-250-1292	Detonation Transfer Assembly	1		
51655-752	1377-01-250-1293	Detonation Transfer Assembly	1		
1340-1	1377-01-318-1830	Vernier, Rocket Motor	1	2	X
1004-3	1377-01-319-3847	Gyro Spinup Gas Generator	1	2	
1517-002	1377-01-327-7872	Canopy Jettison Rocket Motor (RH)	1	1	X
1517-001	1377-01-327-7873	Canopy Jettison Rocket Motor (LH)	1	1	X
1853-011	1377-01-496-2522	Drogue Severance Assy	2	4	
512-174-0068	1377-01-520-9738	Rocket Catapult Assy CKU-5C/A	1	2	X



Thin Layered Explosive (TLX)



Propellant Actuated Device (PAD)



Emergency Canopy Release Line (ECRL)



Cartridge Activated Device (CAD)



Shielded Mild Detonating Cord (SMDC)

To learn more, go to  
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