

Parts Change Log															
NHTSA Inquiry RQ23-002 Rear Axle Horizontal Mounting Bolt Fracture															
Axle Bolt and Bushing Design Changes									Service Parts - Disposition						
System abbr	Version	Model Year	Engineering Part Number	Date Part Incorporated into Vehicle Production	Date Part Removed from Vehicle Production	Description of the Change	Reason for the Change	Is the Part Interchangeable with Other Models and/or Model Years? If So, Provide Details	Service Part Number	Date Part Released for Service	TSB Number Detailing Change	Date Part Removed from Service	Are Parts At This Level Interchangeable with the Previous Level(s)? Y/N	Disposition of Parts Upon Removal (Scrap / Consume / Rework)	Actions Planned in the Next 120 Days
INS ASY RR DIFF RR	1	2020/2022	L1MW-4B425-BA	2/1/2020	6/5/2022	REAR SUB FRAME BUSHING - FIRST REALESE	Creation of design. NEW rear axle installation. New Explorer Platform Launch	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	2022/2023	L1MW-4B425-BB	6/5/2022	Currently in Production	FILL IN REAR AXLE CONVENTIONAL BUSHING WEIGHT SAVERS AND INCREASE ID TO 17.5MM	Improved bolt bending stress condition. This part l a part-in-assembly of *-5K067-*,	Yes, MY2020-2022	L1MZ-4B425-D	5/10/2022	N/A	Part in Service	Yes	Scrap	N/A
MBR ASY SB/FR CS RR	1	2020	MB5C-5K067-AA	7/20/1018	1/24/2020	REAR SUBFRAME - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	LB5Z-5035-A	10/2/2017	N/A	superseded	Yes	consume	N/A
	2	2020	MB5C-5K067-AB	1/24/2020	1/30/2020	U6XX PMT 3 DAKKOTA: BUSHINGS GLYCOL CHANGE	Rear sub-frame hydro body mounts glycol change to an alternative one.	No	LB5Z-5035-A	10/2/2017	N/A	superseded	Yes	consume	N/A
	3	2020	MB5C-5K067-AC	1/30/2020	3/11/2020	U6XX PMT3 DAKKOTA: REAR SUB-FRAME HYDRO BODY BUSHINGS	Incremental Temperary cost to improve timing to eliminate Tire sorting	No	LB5Z-5035-A	10/2/2017	N/A	superseded	Yes	consume	N/A
	4	2020/2021	MB5C-5K067-AD	3/11/2020	3/5/2021	U6XX PMT 3 DAKKOTA: BUSHING OUTER SLEEVE DOWN GAUGE	Reduce thickness of Body bushing outer sleeve from 3.0mm to 2.5mm	Yes, MY2020-2021	MB5Z-5035-C	9/22/2020	N/A	superseded	Yes	consume	N/A
	5	2020/2021	MB5C-5K067-AE	3/5/2021	7/6/2022	U6XX PMT3 DAKKOTA: REAR SUB-FRAME REAR BODY MOUNT SLEEVE LEAD-IN FEATURE REMOVAL	Removal of lead-in feature for positioning the assembly in the process. No longer needed.	Yes, MY2020-2021	MB5Z-5035-C	9/22/2020	N/A	superseded	Yes	consume	N/A
	6	2022/2023	MB5C-5K067-AF	7/6/2022	Currently in Production	FILL IN REAR AXLE CONVENTIONAL BUSHING WEIGHT SAVERS AND INCREASE ID TO 17.5MM	Improved bolt bending stress condition.	Yes, MY2020-2022	MB5Z-5035-F	6/10/2022	N/A	Part in Service	Yes	Scrap	N/A
MBR ASY SB/FR CS RR	1	2020	MB5C-5K067-CA	7/20/1018	1/24/2020	REAR SUBFRAME - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	LB5Z-5035-G	10/25/2019	N/A	superseded	Yes	consume	N/A
	2	2020	MB5C-5K067-CB	1/24/2020	1/30/2020	U6XX PMT 3 DAKKOTA: BUSHINGS GLYCOL CHANGE	Rear sub-frame hydro body mounts glycol change to an alternative one.	No	LB5Z-5035-G	10/25/2019	N/A	superseded	Yes	consume	N/A
	3	2020	MB5C-5K067-CC	1/30/2020	3/11/2020	U6XX PMT3 DAKKOTA: REAR SUB-FRAME HYDRO BODY BUSHINGS	Incremental Temperary cost to improve timing to eliminate Tire sorting	No	LB5Z-5035-G	10/25/2019	N/A	superseded	Yes	consume	N/A
	4	2020/2021	MB5C-5K067-CD	3/11/2020	3/5/2021	U6XX PMT 3 DAKKOTA: BUSHING OUTER SLEEVE DOWN GAUGE	Reduce thickness of Body bushing outer sleeve from 3.0mm to 2.5mm	Yes, MY2020-2021	MB5Z-5035-B	9/2/2020	N/A	superseded	Yes	consume	N/A
	5	2020/2021	MB5C-5K067-CE	3/5/2021	7/6/2022	U6XX PMT3 DAKKOTA: REAR SUB-FRAME REAR BODY MOUNT SLEEVE LEAD-IN FEATURE REMOVAL	Removal of lead-in feature for positioning the assembly in the process. No longer needed.	Yes, MY2020-2021	MB5Z-5035-B	9/2/2020	N/A	superseded	Yes	consume	N/A
	6	2022/2023	MB5C-5K067-CF	5/20/2022	Currently in Production	FILL IN REAR AXLE CONVENTIONAL BUSHING WEIGHT SAVERS AND INCREASE ID TO 17.5MM	Improved bolt bending stress condition.	Yes, MY2020-2022	MB5Z-5035-H	6/10/2022	N/A	Part in Service	Yes	Scrap	N/A
MBR ASY SB/FR CS RR	1	2020	MB5C-5K067-DA	7/20/1018	1/24/2020	REAR SUBFRAME - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	LB5Z-5035-F	8/30/2019	N/A	superseded	Yes	consume	N/A
	2	2020	MB5C-5K067-DB	1/24/2020	1/30/2020	U6XX PMT 3 DAKKOTA: BUSHINGS GLYCOL CHANGE	Rear sub-frame hydro body mounts glycol change to an alternative one.	No	LB5Z-5035-F	8/30/2019	N/A	superseded	Yes	consume	N/A
	3	2020	MB5C-5K067-DC	1/30/2020	3/11/2020	U6XX PMT3 DAKKOTA: REAR SUB-FRAME HYDRO BODY BUSHINGS	Incremental Temperary cost to improve timing to eliminate Tire sorting	No	LB5Z-5035-F	8/30/2019	N/A	superseded	Yes	consume	N/A
	4	2020/2021	MB5C-5K067-DD	3/11/2020	3/5/2021	U6XX PMT 3 DAKKOTA: BUSHING OUTER SLEEVE DOWN GAUGE	Reduce thickness of Body bushing outer sleeve from 3.0mm to 2.5mm	Yes, MY2020-2021	MB5Z-5035-D	9/22/2020	N/A	superseded	Yes	consume	N/A

1	5	2020/2021	MB5C-5K067-DE	3/5/2021	7/6/2022	U6XX PMT3 DAKKOTA: REAR SUB-FRAME REAR BODY MOUNT SLEEVE LEAD-IN FEATURE REMOVAL	Removal of lead-in feature for positioning the assembly in the process. No longer needed.	Yes, MY2020-2021	MB5Z-5035-D	9/22/2020	N/A	superseded	Yes	consume	N/A
	6	2022/2023	MB5C-5K067-DF	5/19/2022	Currently in Production	FILL IN REAR AXLE CONVENTIONAL BUSHING WEIGHT SAVERS AND INCREASE ID TO 17.5MM	Improved bolt bending stress condition.	Yes, MY2020-2022	MB5Z-5035-J	6/10/2022	N/A	Part in Service	Yes	Scrap	N/A
DIFF & CARR ASY RR - AX	1	2020	L1MW-4000-CA	7/20/1018	8/13/2018	REAR AXLE - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	S-600-A	5/6/2019	N/A	superseded	Yes	consume	N/A
	2	2020	L1MW-4000-CB	8/13/2018	4/11/2019	REAR AXLE NVH IMPROVEMENT	Balance alignment dot marks, and mesh spline protector to show balance alignment marks.	No	S-600-A	5/6/2019	N/A	superseded	Yes	consume	N/A
	3	2020	L1MW-4000-CC	4/11/2019	12/1/2021	ADD HARDENED WASHER AT PINION NUT.	Improve pinion preload stability.	No	S-600-A	4/15/2020	N/A	superseded	Yes	consume	N/A
	4	2022	L1MW-4000-CD	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	L1MZ 4000 A	3/24/2022	N/A	superseded	Yes	consume	N/A
	5	2023	L1MW-4000-CE	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	Improve splash lube venting.	Yes, MY2020-2022	S-600-D	12/13/2022	N/A	Part in Service	Yes	consume	N/A
DIFF & CARR ASY RR - AX	1	2020	L1MW-4000-DA	7/20/1018	8/13/2018	REAR AXLE - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	S-602-A	5/6/2019	N/A	superseded	Yes	consume	N/A
	2	2020	L1MW-4000-DB	8/13/2018	4/11/2019	REAR AXLE NVH IMPROVEMENT	Balance alignment dot marks, and mesh spline protector to show balance alignment marks.	No	S-602-A	5/6/2019	N/A	superseded	Yes	consume	N/A
	3	2020	L1MW-4000-DC	4/11/2019	12/1/2021	ADD HARDENED WASHER AT PINION NUT.	Improve pinion preload stability.	No	S-602-A	4/15/2020	N/A	superseded	Yes	consume	N/A
	4	2022	L1MW-4000-DD	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	L1MZ-4000-B	3/24/2022	N/A	superseded	Yes	consume	N/A
	5	2023	L1MW-4000-DE	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	Improve splash lube venting.	Yes, MY2020-2022	S-602-D	12/13/2022	N/A	Part in Service	Yes	consume	N/A
DIFF & CARR ASY RR - AX	1	2020	L1MW-4000-GA	7/20/1018	8/13/2018	REAR AXLE - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	S-604-AB	5/6/2019	N/A	superseded	Yes	consume	N/A
	2	2020	L1MW-4000-GB	8/13/2018	4/11/2019	REAR AXLE NVH IMPROVEMENT	Balance alignment dot marks, and mesh spline protector to show balance alignment marks.	No	S-604-AB	5/6/2019	N/A	superseded	Yes	consume	N/A
	3	2020	L1MW-4000-GC	4/11/2019	12/1/2021	ADD HARDENED WASHER AT PINION NUT.	Improve pinion preload stability.	No	S-604-AB	4/15/2020	N/A	superseded	Yes	consume	N/A
	4	2022	L1MW-4000-GD	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	L1MZ-4000-C	3/24/2022	N/A	superseded	Yes	consume	N/A
	5	2023	L1MW-4000-GE	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	TO IMPROVE SPLASH LUBE VENTING.	Yes, MY2020-2022	S- 604-D	12/13/2022	N/A	Part in Service	Yes	consume	N/A
DIFF & CARR ASY RR - AX	1	2020	L1MW-4000-HA	7/20/1018	8/13/2018	REAR AXLE - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	S-606-B	5/6/2019	N/A	superseded	Yes	consume	N/A
	2	2020	L1MW-4000-HB	8/13/2018	4/11/2019	REAR AXLE NVH IMPROVEMENT	Balance alignment dot marks, and mesh spline protector to show balance alignment marks.	No	S-606-B	5/6/2019	N/A	superseded	Yes	consume	N/A
	3	2020	L1MW-4000-HC	4/11/2019	12/1/2021	ADD HARDENED WASHER AT PINION NUT.	Improve pinion preload stability.	No	S-606-B	4/15/2020	N/A	superseded	Yes	consume	N/A
	4	2022	L1MW-4000-HD	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	L1MZ-4000-D	3/24/2022	N/A	superseded	Yes	consume	N/A

	5	2023	L1MW-4000-HE	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	Improve splash lube venting.	Yes, MY2020-2022	S-606-D	12/13/2022	N/A	Part in Service	Yes	consume	N/A
DIFF & CARR ASY RR - AX	1	2020	L1MW-4000-LA	7/20/1018	8/13/2018	REAR AXLE - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	L1MZ-4001-LC	5/6/2019	N/A	superseded	Yes	consume	N/A
	2	2020	L1MW-4000-LB	8/13/2018	4/11/2019	REAR AXLE NVH IMPROVEMENT	Balance alignment dot marks, and mesh spline protector to show balance alignment marks.	No	L1MZ-4001-LC	5/6/2019	N/A	superseded	Yes	consume	N/A
	3	2020	L1MW-4000-LC	4/11/2019	12/1/2021	ADD HARDENED WASHER AT PINION NUT.	Improve pinion preload stability.	No	L1MZ-4001-LC	4/15/2020	N/A	superseded	Yes	consume	N/A
	4	2022	L1MW-4000-LD	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	L1MZ-4001-LD	3/24/2022	N/A	superseded	Yes	consume	N/A
	5	2023	L1MW-4000-LE	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	Improve splash lube venting.	Yes, MY2020-2022	L1MZ 4000 F	12/13/2022	N/A	Part in Service	Yes	consume	N/A
DIFF & CARR ASY RR - AX	1	2020	L1MW-4000-YA	7/20/1018	8/13/2018	REAR AXLE - FIRST REALESE	Creation of design. New Explorer Platform Launch	No	L1MZ-4001-YC	5/6/2019	N/A	superseded	Yes	consume	N/A
	2	2020	L1MW-4000-YB	8/13/2018	4/11/2019	REAR AXLE NVH IMPROVEMENT	Balance alignment dot marks, and mesh spline protector to show balance alignment marks.	No	L1MZ-4001-YC	5/6/2019	N/A	superseded	Yes	consume	N/A
	3	2020	L1MW-4000-YC	4/11/2019	12/1/2021	ADD HARDENED WASHER AT PINION NUT.	Improve pinion preload stability.	No	L1MZ-4001-YC	4/15/2020	N/A	superseded	Yes	consume	N/A
	4	2022	L1MW-4000-YD	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	L1MZ-4001-YD	3/24/2022	N/A	superseded	Yes	consume	N/A
	5	2023	L1MW-4000-YE	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	Improve splash lube venting.	Yes, MY2020-2022	L1MZ-4001-YE	12/13/2022	N/A	Part in Service	Yes	consume	N/A
DIFF & CARR ASY RR - AX	1	2021	M1MW-4000-TA	11/19/2019	12/1/2021	FIRST REALEASE - REAR AXLE WITH SLD	Release new Limited Slip Differential for new Explorer Timberline	No	M1MZ-4001-TA	4/15/2020	N/A	superseded	Yes	consume	N/A
	2	2022	M1MW-4000-TB	12/1/2021	4/30/2023	MODIFY AXLE COVER	Accommodate longer thread length for rear bolt.	Yes, MY2020	M1MZ-4001-TB	3/24/2022	N/A	superseded	Yes	consume	N/A
	3	2023	M1MW-4000-TC	4/30/2023	Currently in Production	REVISE CARRIER VENT HOLE IN THE 8.8 AND 8.15 CARRIERS	Improve splash lube venting.	Yes, MY2020-2022	M1MZ-4001-TC	12/13/2022	N/A	Part in Service	Yes	consume	N/A