

Annual List of Recall Completion Rates: 2023

This table displays recall completion rates as of the 8th quarter of completion reporting for recalls for which an 8th quarterly report was submitted in 2023.

Manufacturer	MFR Number of Recalls	MFR Total Recalled Vehicles	Recall	Recalled Vehicles	Recall Completion Rate
Airstream, Inc.	7	3,031	21V195	1,509	38.8%
			21V345	667	58.2%
			21V344	256	64.5%
			21V671	222	59.4%
			21V272	180	59.3%
			21V325	168	54.1%
			21V590	29	82.8%
Alexander Dennis Inc.	1	310	21V468	310	71.3%
Alexis Fire Equipment Company	1	49	21V641	49	36.7%
Altec Industries, Inc.	17	13,593	20V765	4,987	72.7%
			21V736	2,115	52.8%
			21V409	1,977	52.5%
			21V548	1,284	75.9%
			21V559	878	71.3%
			21V126	613	51.1%
			21V337	314	82.2%
			21V464	218	85.8%
			21V133	355	52.7%
			20V282	157	85.4%
			21V012	213	49.8%
			20V777	183	52.5%
			21V239	120	78.3%
			21V722	94	70.2%
			21V709	29	100.0%
			21V512	43	58.1%
			20V708	13	76.9%
Aluma KLM	1	160	21V777	160	20.0%
Aluminum Trailer Company (ATC)	1	230	21V171	230	37.4%
American Hauler	1	64	20V463	64	3.1%
Aprilia USA, Inc.	1	308	21V502	308	97.4%
ARBOC Specialty Vehicles, LLC	1	113	20V335	113	41.6%
Arcimoto Inc	6	1,308	21V311	261	93.0%
			21V307	261	89.5%
			21V242	252	92.3%
			21V314	255	90.8%
			21V191	181	100.0%
			20V310	98	100.0%
Aston Martin The Americas	1	151	20V784	151	96.0%
Autocar, LLC	5	5,022	21V030	3,196	60.6%
			20V689	1,060	71.6%
			21V095	577	53.9%
			21V565	107	66.4%
			20V417	82	36.6%
Bentley Motors, Inc.	4	3,914	21V550	3,647	91.8%
			21V276	206	81.1%
			21V605	33	78.8%
			21V647	28	67.9%
Bigfoot Industries, Inc.	1	90	21V047	90	26.7%
Black Series Campers Inc.	1	412	21V116	412	81.3%
Blue Bird Body Company	8	4,266	21V284	1,634	79.1%
			21V312	1,053	62.8%
			21V070	620	73.2%
			21V300	302	64.9%
			21V253	292	39.4%
			21V778	135	82.2%
			21V313	134	68.7%
			21V285	96	70.5%
			21V598	50,024	94.1%
			21V554	21,537	96.5%
BMW of North America, LLC	14	157,150	21V091	14,011	98.7%
			21V096	13,858	96.2%
			21V060	20,963	42.8%
			20V471	16,926	46.9%
			20V476	9,392	81.0%
			21V831	2,577	97.8%
			21V401	4,511	41.9%
			21V176	1,850	99.8%
			21V062	893	97.4%
			21V855	442	90.5%
			21V521	138	90.6%
			21V046	28	100.0%
			21V420	220	67.3%
			20V661	291	100.0%
Braun Ambulances	3	383	21V003	61	86.9%
			20V323	31	25.8%
			21V010	1,258	61.0%
Braun Corporation	2	1,897	21V817	639	72.3%
Braun Northwest	1	3	21V305	3	66.7%
Braxton Creek RV	3	1,462	20V572	702	98.4%
			20V565	620	85.8%
			21V508	140	55.0%
Bugatti	2	82	20V732	73	54.8%
			21V984	9	88.9%
Bwise Manufacturing	1	2,786	21V505	2,786	21.7%
Carson Trailer, Inc.	2	873	21V948	3	33.3%
			21V747	870	0.0%
Charles Machine Works, Inc.	1	456	21V177	456	29.8%
			21V398	447,985	39.7%
			20V396	925,239	16.9%
			21V873	99,255	93.2%
			21V729	69,138	99.6%
			20V475	58,016	77.6%
			21V028	42,887	81.7%
			21V950	36,929	90.3%
			Chrysler (FCA US, LLC)	26	1,849,624

Notes:

- This annual report provides data and information about recalls that have reached eight quarters of reporting. It encompasses vehicle recalls of all vehicle types (passenger vehicles, heavy vehicles, school buses, etc.) and does not include recalls related to tires, child seats, and equipment. Additional recall data and information, including that pertaining to all manufacturers reporting recall data and other recalls and years of reporting, can be accessed and downloaded from NHTSA's website here: <https://www.nhtsa.gov/nhtsa-datasets-and-apis>.
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Chrysler (FCA US, LLC)	26	1,849,624	21V439	32,002	74.7%
			20V699	28,884	82.6%
			21V310	18,800	91.0%
			21V728	23,853	59.7%
			21V665	14,410	83.2%
			21V516	21,258	55.7%
			21V699	10,372	63.4%
			21V797	7,082	90.6%
			21V842	4,837	68.9%
			21V949	2,903	97.0%
			21V280	2,721	70.8%
			21V221	1,222	95.2%
			21V919	793	91.0%
			21V037	683	96.8%
			21V848	185	87.0%
			21V664	135	96.2%
			21V871	22	95.5%
			21V309	9	88.9%
			21V147	4	75.0%
			Coach House, Inc.	1	9
Corp. Micro Bird, Inc.	8	42,276	21V530	17,204	23.9%
			20V133	17,693	18.0%
			21V036	5,413	37.2%
			21V531	1,323	13.7%
			21V039	564	16.1%
			21V773	3	33.3%
			20V610	75	1.3%
			21V772	1	0.0%
Crane Carrier Company	1	298	21V166	298	52.1%
Cruiser RV	1	264	21V802	264	97.7%
Daimler Coaches North America	1	530	21V469	530	11.5%
Daimler Trucks North America, LLC	38	406,571	20V567	128,451	83.6%
			21V689	113,085	88.4%
			21V357	72,510	81.4%
			21V256	12,470	76.1%
			21V067	15,835	45.7%
			21V369	8,482	77.4%
			21V326	9,662	51.7%
			20V404	16,776	28.0%
			21V206	5,111	71.3%
			21V007	4,341	82.3%
			20V642	4,329	78.6%
			21V659	1,934	75.7%
			21V850	1,434	88.2%
			20V435	1,713	69.6%
			20V485	1,715	61.9%
			21V255	1,252	77.4%
			21V327	1,262	68.0%
			20V742	1,233	67.6%
			21V661	669	86.7%
			21V864	479	89.1%
			20V690	615	63.6%
			21V556	476	74.6%
			21V108	276	95.7%
			21V370	479	51.6%
			20V806	278	88.1%
			21V547	267	86.9%
			21V120	159	77.4%
			19V370	741	14.2%
			21V018	133	71.4%
			21V660	114	66.4%
			20V807	80	60.0%
			21V714	50	76.0%
			21V510	79	41.8%
			21V207	22	77.3%
			21V266	11	100.0%
			21V073	7	85.7%
			21V017	6	50.0%
			21V121	35	0.0%
Daimler Vans USA, LLC	15	240,747	21V055	84,345	96.1%
			21V152	56,534	82.0%
			21V042	48,667	80.8%
			21V411	33,437	88.0%
			21V241	4,444	89.5%
			21V410	4,078	88.8%
			20V595	4,010	78.5%
			21V359	2,016	84.5%
			21V235	1,285	82.3%
			21V513	1,514	67.2%
			21V077	198	77.7%
			21V360	168	90.5%
			21V779	38	100.0%
			20V756	9	77.8%
			20V427	4	25.0%
Dennis Eagle Inc.	1	35	21V220	35	82.9%
Doosan Portable Power	1	580	21V826	580	88.5%
DRV Suites	2	792	21V733	715	30.5%
			21V726	77	36.4%
Ducati North America	7	10,456	21V315	5,909	45.4%
			21V335	1,312	62.6%
			21V085	1,601	50.0%
			20V781	1,072	61.8%
			21V361	228	64.5%
21V212	129	100.0%			

Notes:

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Ducati North America	7	10,456	21V738	205	49.8%			
			21V332	915	59.6%			
E-One Incorporated	3	1,120	20V752	195	67.2%			
			21V099	10	40.0%			
			21V489	295	22.8%			
East Manufacturing Corp.	1	295	20V223	419	97.9%			
Eldorado National- California, Inc.	2	685	21V330	266	55.6%			
Eldorado National-Kansas	1	667	20V147	667	27.0%			
Equipment Technology, L.L.C.	2	336	21V338	249	93.2%			
			21V340	87	73.6%			
Escape Trailer	2	494	21V666	200	0.5%			
			20V809	294	0.0%			
			21V349	259	66.0%			
Ferrara Fire Apparatus, Inc.	3	526	21V130	257	66.5%			
			21V134	10	100.0%			
			20V614	1,063	92.5%			
Ferrari North America, Inc.	1	1,063	21V158	2,602,668	26.9%			
			21V316	616,967	59.2%			
			20V469	488,594	59.2%			
			21V735	228,297	84.0%			
			19V904	600,166	27.7%			
			20V177	288,110	48.3%			
			21V376	192,080	53.4%			
			21V090	79,017	55.5%			
			20V573	38,005	91.6%			
			21V223	34,952	99.2%			
			21V076	144,340	22.2%			
			21V534	33,298	94.4%			
			21V811	47,683	61.1%			
			21V592	42,493	55.7%			
			20V795	29,344	79.3%			
			21V536	27,604	60.2%			
			21V390	17,616	91.4%			
			21V711	17,692	75.6%			
			21V625	13,773	91.0%			
			21V653	16,430	70.7%			
			21V202	16,128	71.6%			
			21V712	13,544	75.4%			
			20V692	15,587	59.4%			
			Ford Motor Company	47	5,647,747	21V155	15,769	36.8%
						21V087	9,979	38.7%
						21V381	4,436	83.8%
						21V324	2,503	65.8%
						21V075	1,638	87.0%
						21V140	1,258	95.2%
						21V379	1,796	64.8%
						20V788	1,405	78.0%
						21V809	1,036	86.3%
						21V805	777	70.7%
						21V652	592	67.1%
						21V081	1,067	33.3%
						21V407	223	97.8%
						21V014	283	74.9%
21V011	147	91.2%						
21V074	106	93.4%						
21V377	82	63.4%						
20V599	52	96.2%						
20V415	68	73.5%						
21V154	49	73.5%						
21V533	56	50.0%						
21V870	20	75.0%						
20V791	12	50.0%						
21V923	5	40.0%						
20V727	4,203	9.7%						
21V903	957	39.1%						
20V763	2,828	7.8%						
21V523	825	26.6%						
21V128	261	65.9%						
21V371	309	50.5%						
21V692	175	80.0%						
21V145	309	45.0%						
21V236	211	46.9%						
21V621	336	26.2%						
21V443	289	27.0%						
21V830	125	59.2%						
21V828	101	72.3%						
21V219	115	63.5%						
21V287	88	64.8%						
20V754	115	44.4%						
20V605	67	70.2%						
21V172	86	52.3%						
21V374	93	46.2%						
21V724	61	50.8%						
21V059	53	54.7%						
21V442	42	66.7%						
21V784	44	47.7%						
21V350	39	51.3%						
21V701	41	41.5%						
21V575	29	55.2%						
21V141	21	71.4%						
21V723	29	41.4%						
21V378	18	61.1%						
21V785	19	42.1%						
21V444	10	80.0%						

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Forest River, Inc.	35	12,246	20V799	15	33.3%			
			21V691	4	75.0%			
			21V829	3	66.7%			
Foretravel, Inc.	1	71	21V876	325	0.3%			
			21V788	71	85.9%			
			21V718	2,646	66.2%			
Fox Factory, Inc.	1	2,646	20V313	76	51.3%			
Frazer	1	76	21V054	1,778,128	45.7%			
			21V050	2,641,272	30.4%			
			20V792	624,216	81.5%			
			21V421	285,622	97.2%			
			21V053	692,526	41.7%			
			21V473	380,498	66.6%			
			21V052	557,023	40.2%			
			21V440	135,400	92.5%			
			20V764	220,006	60.0%			
			21V051	284,645	40.2%			
			21V190	94,641	93.9%			
			21V560	57,414	85.8%			
			21V213	60,681	67.8%			
			21V650	52,414	69.9%			
			21V611	34,157	94.5%			
			21V455	26,847	96.1%			
			21V115	33,838	74.9%			
			General Motors, LLC	37	8,013,692	21V739	14,939	92.0%
						21V612	9,597	92.9%
						21V189	10,154	85.7%
						21V497	7,199	99.9%
						20V790	3,203	97.3%
						21V758	3,241	90.6%
						21V245	2,568	43.7%
						21V422	572	96.7%
21V423	896	59.3%						
20V808	464	94.0%						
20V811	470	86.2%						
21V649	402	70.2%						
21V346	196	76.5%						
21V759	181	36.6%						
21V578	86	54.7%						
21V246	108	40.6%						
21V517	28	96.4%						
21V211	30	76.7%						
21V064	18	88.9%						
21V495	12	83.3%						
Genesis Supreme RV	1	460				21V415	460	0.0%
						21V352	4,428	71.3%
						21V291	229	100.0%
Gillig, LLC	6	4,984				21V563	148	100.0%
						21V487	86	94.2%
			21V538	78	100.0%			
Gracie Ind. LLC d/b/Bolt Custom Trucks	1	340	21V705	15	100.0%			
			21V672	340	61.5%			
Grand Design RV, LLC	3	55,914	21V393	55,508	40.7%			
			20V757	352	41.8%			
			21V636	54	72.2%			
Great Dane Trailers	4	3,756	21V094	1,770	77.2%			
			21V841	1,843	57.2%			
			21V383	120	100.0%			
Gulf Stream Coach, Inc.	1	246	20V431	23	13.0%			
			21V343	246	30.1%			
Halcore Group, Inc.	1	7	20V783	7	28.6%			
Harley-Davidson Motor Company	2	34,035	21V225	31,346	43.9%			
			21V924	2,689	83.1%			
			21V428	22,326	17.2%			
			21V453	2,486	25.8%			
			21V849	1,783	19.4%			
Heartland Recreational Vehicles, LLC	8	28,166	21V801	332	98.2%			
			20V084	487	53.6%			
			21V557	649	35.4%			
			21V009	76	75.0%			
			21V491	27	92.6%			
High Altitude Trailer Co LLC	1	6	20V432	6	50.0%			
			21V430	3,072	22.3%			
Highland Ridge RV	4	7,183	21V686	1,157	27.0%			
			21V179	2,906	10.3%			
			21V764	48	45.8%			
Hino Motors Sales U.S.A., Inc.	1	4,848	21V146	4,848	72.4%			
HME, Inc.	2	204	20V104	174	99.4%			
			21V282	30	100.0%			
Honda (American Honda Motor Co.)	15	2,177,557	20V771	737,233	89.3%			
			21V215	624,552	91.0%			
			20V769	235,034	65.3%			
			20V770	248,358	56.0%			
			20V768	268,655	32.5%			
			20V798	27,838	96.0%			
			21V382	28,528	31.4%			
			20V797	2,690	71.5%			
			21V804	2,181	85.1%			
			21V165	1,093	80.1%			
			21V432	649	95.4%			
			20V725	214	86.9%			
			21V768	181	79.2%			
			21V690	262	29.0%			
			21V249	89	73.0%			

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Hyundai Motor America	17	1,442,730	21V749	469,377	62.5%
			21V619	348,158	62.9%
			21V301	158,493	83.2%
			21V303	151,205	74.6%
			20V746	128,948	65.5%
			21V160	94,646	79.6%
			20V705	60,097	36.4%
			21V524	15,752	98.7%
			20V748	8,176	96.6%
			21V127	4,696	92.0%
			21V302	1,464	92.7%
			21V840	995	82.0%
			21V161	552	79.1%
			21V208	147	94.6%
			21V938	12	100.0%
			21V185	10	100.0%
			21V308	2	100.0%
Indian Motorcycle Company	1	177	21V681	177	43.5%
Isuzu Motors Limited	1	258	21V194	258	66.3%
Jaguar Land Rover North America, LLC	16	101,169	21V668	32,687	87.7%
			21V117	26,805	92.0%
			21V584	7,027	99.7%
			20V623	21,834	28.5%
			21V667	5,146	93.4%
			21V435	2,622	95.5%
			21V167	2,089	92.4%
			21V457	1,383	96.4%
			21V499	603	82.8%
			21V118	455	94.7%
			21V168	250	80.0%
			21V424	163	94.5%
			20V794	66	81.8%
			20V751	23	91.3%
			20V793	13	76.9%
			21V248	3	33.3%
			Jayco, Inc.	12	146,073
21V685	29,825	35.0%			
21V184	18,636	20.1%			
20V780	3,356	63.8%			
21V762	1,155	59.2%			
21V204	2,144	23.8%			
20V796	1,705	25.9%			
21V529	833	45.7%			
21V317	559	50.6%			
21V049	139	61.2%			
21V449	43	76.7%			
21V180	29	93.1%			
Kalmar Solutions, LLC	1	54	21V552	54	35.2%
Kawasaki Motors Corp., U.S.A.	3	2,954	21V593	1,523	78.1%
			21V594	857	63.4%
			21V819	574	65.5%
Keystone RV Company	11	7,518	21V368	3,292	56.7%
			21V380	1,990	48.2%
			21V292	574	65.1%
			20V801	347	81.0%
			21V021	207	94.2%
			21V250	216	88.9%
			21V240	233	77.7%
			21V015	209	73.8%
			21V247	110	91.4%
			21V019	309	31.7%
			21V178	31	61.3%
Kia America, Inc.	14	1,399,141	21V137	379,931	78.7%
			21V331	440,370	57.9%
			20V750	294,756	56.2%
			21V259	147,249	83.1%
			21V725	88,576	55.2%
			21V519	21,575	94.1%
			21V844	10,731	75.4%
			21V577	5,143	93.3%
			21V277	2,744	92.0%
			21V908	2,956	79.5%
			21V260	4,069	56.2%
			21V447	846	90.4%
			21V164	142	94.4%
			21V862	53	86.8%
Kibbi, LLC	2	676	20V733	258	48.5%
			21V644	418	19.6%
			21V333	386	65.0%
Kovatch Mobile Equipment Corp.	4	606	21V097	88	31.8%
			21V100	94	12.8%
			20V487	38	23.7%
			21V792	8,398	29.6%
KTM North America, Inc.	5	14,303	21V304	3,707	60.2%
			21V627	1,506	55.8%
			21V122	521	72.2%
			21V363	171	74.9%
			21V013	806	48.5%
KZRV, L.P.	5	1,146	21V460	115	68.6%
			21V397	117	24.1%
			21V426	100	10.4%
			21V814	8	25.0%
Lamborghini (Automobili Lamborghini)	3	3,146	21V466	2,701	74.8%
			21V603	224	92.9%

Notes:
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Annual List of Recall Completion Rates: 2023

This table displays recall completion rates as of the 8th quarter of completion reporting for recalls for which an 8th quarterly report was submitted in 2023.

Manufacturer	MFR Number of Recalls	MFR Total Recalled Vehicles	Recall	Recalled Vehicles	Recall Completion Rate
Lamborghini (Automobili Lamborghini)	3	3,146	21V107	221	79.2%
Lance Camper Manufacturing, Corp.	1	5,309	20V619	5,309	17.7%
LDJ Manufacturing, Inc.	2	296	21V693	279	48.8%
			20V224	17	94.1%
LGS Industries, Inc.	2	65	21V294	5	80.0%
			21V175	60	3.3%
Lode-King Industries, Ltd.	1	2	20V230	2	50.0%
M H EBY	2	1,385	20V117	549	64.1%
			21V887	836	29.8%
Mac Trailer Mfg., Inc.	1	53	21V501	53	32.1%
			21V684	2,823	97.7%
			21V233	557	60.8%
			21V293	272	71.7%
Mack Trucks, Inc.	7	4,222	21V416	307	59.0%
			21V573	124	62.1%
			21V574	60	91.7%
			21V856	79	50.6%
			20V261	16	37.5%
			21V269	11	9.1%
Maintainer Corporation of Iowa, Inc.	1	16	21V507	52	5.8%
			21V567	52	3.9%
Manac, Inc.	1	11	21V458	8	12.5%
			21V002	1	0.0%
			21V703	701	94.0%
			21V872	409	90.5%
Marion Body Works Inc.	4	113	21V613	125	84.8%
			21V494	260,915	5.6%
			21V086	13,857	95.9%
			21V750	8,648	85.1%
Maserati North America, Inc.	3	1,235	21V744	13,891	19.6%
			21V162	5,847	24.6%
			21V101	599	94.8%
			20V231	2,763	87.8%
			21V561	19	68.4%
			21V058	1,292,258	95.2%
Mazda North American Operations	6	303,757	21V354	343,191	66.7%
			21V071	41,838	94.1%
			21V032	24,550	89.8%
			21V353	17,800	83.5%
			21V230	8,634	93.7%
			21V197	15,096	53.2%
			21V288	6,331	92.0%
			21V403	5,680	96.9%
			21V196	11,356	44.4%
			21V231	5,215	96.4%
			21V483	4,917	92.3%
			21V229	4,992	67.6%
			20V776	2,563	93.1%
			21V232	2,362	96.1%
			21V123	2,529	88.4%
			21V526	1,690	96.0%
			21V789	1,311	96.1%
			20V800	1,142	91.9%
			21V478	1,522	65.2%
			21V527	542	90.4%
			21V217	493	94.7%
			21V539	371	86.8%
			21V406	218	95.9%
			21V034	231	90.5%
			21V216	109	94.5%
			21V638	205	46.3%
			21V639	66	95.5%
			21V072	67	82.1%
			21V860	46	93.5%
			21V102	36	97.2%
			21V818	27	92.6%
			20V753	26	84.6%
			21V405	17	94.1%
21V404	16	93.8%			
21V832	23	60.9%			
21V057	8	100.0%			
20V775	9	88.9%			
21V704	7	100.0%			
21V124	7	100.0%			
21V228	6	100.0%			
21V033	4	100.0%			
21V771	3	100.0%			
21V564	3	100.0%			
20V645	2,873	66.8%			
Mitsubishi Fuso Truck of America, Inc.	3	4,160	21V585	952	77.3%
			21V297	335	74.9%
			20V741	21,758	42.1%
Mitsubishi Motors North America, Inc.	5	58,964	21V596	3,735	89.3%
			21V144	15,347	14.9%
			20V035	18,123	3.9%
			21V821	1	100.0%
Motor Coach Industries	5	8,128	21V748	2,455	52.1%
			21V364	1,845	60.6%
			21V063	1,229	69.9%
			19V027	2,089	12.6%
			21V737	510	5.5%
Navistar, Inc.	6	56,201	21V079	27,457	78.3%
			21V281	10,038	97.4%
			20V810	17,213	45.8%

Notes:

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Annual List of Recall Completion Rates: 2023

This table displays recall completion rates as of the 8th quarter of completion reporting for recalls for which an 8th quarterly report was submitted in 2023.

Manufacturer	MFR Number of Recalls	MFR Total Recalled Vehicles	Recall	Recalled Vehicles	Recall Completion Rate
Navistar, Inc.	6	56,201	21V227	845	71.8%
			21V226	615	95.5%
			21V450	33	30.3%
New Flyer of America, Inc.	1	3,600	21V365	3,600	74.4%
			21V543	19	84.2%
Newell Coach Corp.	1	19	21V571	4,106	54.8%
			21V700	1,554	67.6%
			21V372	1,294	71.3%
			21V082	1,370	46.0%
			20V719	710	62.8%
			21V088	253	85.8%
			21V182	141	97.9%
			20V171	129	90.7%
			21V604	169	18.3%
			21V822	38	79.0%
			21V506	1,737	1.1%
			21V642	140	12.9%
			21V069	5	80.0%
Nexus RVs, LLC	1	2,000	21V780	2,000	3.9%
			20V315	1,831,818	39.8%
Nissan North America, Inc.	27	2,506,527	21V020	264,431	52.2%
			21V461	138,736	87.3%
			21V474	47,098	89.8%
			21V169	36,141	96.2%
			21V471	30,799	79.5%
			21V170	15,223	88.9%
			21V286	14,054	93.9%
			21V402	14,276	88.5%
			21V234	12,943	95.8%
			21V525	13,215	82.9%
			21V742	10,082	92.8%
			21V025	8,291	89.7%
			20V759	7,583	92.8%
			21V139	26,158	26.0%
			21V743	5,895	93.3%
			21V839	5,905	72.7%
			21V555	4,083	85.7%
			21V599	3,569	93.4%
			21V706	3,030	92.9%
			21V138	2,407	94.4%
21V068	2,150	93.6%			
20V755	2,708	59.5%			
21V419	1,959	63.9%			
20V747	3,930	23.3%			
21V186	21	100.0%			
21V917	22	77.3%			
Northwood Manufacturing, Inc.	1	174	21V511	174	16.1%
			21V351	644	87.0%
Nova Bus (US) Inc.	4	1,115	21V929	125	99.2%
			20V566	223	44.8%
			21V151	123	0.8%
NRC Modifications, Inc.	2	9	21V624	7	0.0%
			21V583	2	0.0%
Omaha Standard	1	82	21V254	82	96.3%
Oshkosh Corporation	4	1,660	21V482	897	7.4%
			21V851	697	9.3%
			21V322	47	95.7%
			21V125	19	5.3%
PACCAR Incorporated	11	548,705	20V199	460,515	27.3%
			18V368	85,626	30.4%
			21V004	1,021	55.0%
			21V391	612	44.9%
			21V601	688	26.2%
			21V080	132	100.0%
			21V262	53	58.5%
			21V719	19	84.2%
			21V328	13	92.3%
			21V720	15	73.3%
			20V739	11	100.0%
Palfinger USA, LLC	1	316	21V847	316	76.9%
PJ Trailers	1	373	21V061	373	92.0%
Polaris Industries Inc.	1	4,744	21V629	4,744	77.0%
Polestar Automotive USA, Inc.	1	3,457	21V110	3,457	99.9%
			20V077	70,117	88.4%
			21V131	39,547	74.0%
			21V794	11,827	97.2%
			21V486	10,373	90.7%
			21V608	4,924	95.8%
			21V271	1,568	94.9%
			21V362	565	92.9%
			21V157	396	87.9%
			21V467	149	84.6%
			21V318	136	75.7%
			21V493	27	77.3%
			21V341	12	100.0%
21V201	7	85.7%			
Prevost Car (US) Inc.	1	201	21V951	201	18.4%
Proterra Operating Company, Inc.	1	21	21V040	21	57.1%
REV Ambulance Group Orlando, Inc.	1	20	21V289	20	50.0%
REV Recreation Group	1	160	20V706	160	58.8%
			21V928	212	99.5%
Roadtrek Inc.	3	404	21V477	122	47.5%
Rosenbauer America	3	805	21V356	70	45.7%
			21V334	697	66.7%

Notes:

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Annual List of Recall Completion Rates: 2023

This table displays recall completion rates as of the 8th quarter of completion reporting for recalls for which an 8th quarterly report was submitted in 2023.

Manufacturer	MFR Number of Recalls	MFR Total Recalled Vehicles	Recall	Recalled Vehicles	Recall Completion Rate
Rosenbauer America	3	805	20V779	72	95.8%
			21V290	36	50.0%
Rossmonster Vans LLC	1	2	21V446	2	100.0%
			21V045	4,403	52.1%
Royal Enfield North America Limited	1	4,403	21V816	547	98.5%
Schwarze Industries, Inc.	1	547	21V386	164	57.3%
Seagrave Fire Apparatus, LLC	1	164	21V572	4,885	84.9%
			21V319	2,783	69.5%
Shyft Group	8	11,871	21V589	2,727	62.6%
			21V776	660	69.5%
			21V041	548	79.1%
			21V969	143	74.8%
			21V752	91	71.9%
			21V148	34	8.8%
			21V029	343	59.1%
			21V810	1	0.0%
Smeal Holding, LLC	3	346	21V005	2	0.0%
			19V232	55	0.0%
SNF, Inc. dba BFX Fire Apparatus	1	55	21V329	2,130	64.7%
			21V323	1,447	69.3%
Spartan Fire, LLC	5	3,955	21V252	243	56.4%
			21V459	62	25.8%
			21V103	73	14.9%
			21V431	11,853	17.9%
			21V687	1,512	27.8%
Starcraft RV	4	15,946	21V203	2,441	12.8%
			21V763	140	34.3%
			21V238	6	0.0%
Stargate Manufacturing Ltd	1	6	21V418	1	0.0%
Stonebrooke Equipment INC.	1	1	20V596	2,484	65.5%
Stoughton Trailers, LLC	1	2,484	21V264	466,205	89.4%
			21V263	408,271	92.4%
Subaru of America, Inc.	6	1,059,370	21V587	175,968	91.3%
			20V766	7,741	97.9%
			21V675	802	96.9%
			21V024	383	99.0%
			21V580	604	67.2%
			21V581	33	42.4%
			21V824	1	0.0%
Sulphen Corporation	3	638	19V343	21,052	20.2%
			20V612	2,100	19.7%
			21V299	270	68.9%
			21V558	270	68.7%
Temsa	2	571	21V454	295	66.1%
			21V399	276	60.5%
Tesla, Inc.	8	175,062	21V035	134,951	61.9%
			20V062	14,113	85.3%
			20V710	9,136	85.3%
			21V387	5,974	86.7%
			21V389	5,530	79.4%
			21V835	2,791	81.2%
			21V388	2,166	83.4%
			20V709	401	90.8%
			20V711	1,074	59.5%
			21V754	738	53.3%
Thor Motor Coach	9	4,311	20V804	940	38.4%
			21V441	321	61.7%
			21V522	521	28.6%
			21V755	162	87.7%
			21V845	424	21.0%
			21V756	78	66.2%
			21V396	53	84.9%
			21V680	10,409	44.3%
Tiffin Motorhomes, Inc.	8	19,931	21V610	3,170	73.6%
			21V306	3,198	72.2%
			21V753	2,461	67.3%
			21V545	330	85.2%
			21V265	215	80.0%
			21V783	111	74.8%
			21V193	37	89.2%
Timpte, Inc.	1	67	21V883	67	18.0%
Tiny Idahomes LLC	1	2	21V375	2	0.0%
			20V682	1,525,742	86.5%
Toyota Motor Engineering & Manufacturing	6	1,845,994	21V257	279,040	48.4%
			21V617	31,307	75.4%
			21V734	8,411	95.8%
			21V043	1,081	95.5%
			20V698	413	99.0%
			21V857	380	31.1%
Tracker Marine, LLC	3	709	21V205	184	62.5%
			21V553	145	20.7%
			21V813	209	51.7%
Trail King Industries, Inc.	3	306	21V713	14	92.9%
			21V541	83	13.3%
			21V400	1,173	60.1%
			21V320	1,006	58.1%
Triple E Recreational Vehicles	5	4,880	21V820	2,056	26.3%
			21V673	550	52.4%
			20V738	95	51.1%
			21V261	72	15.7%
Tropos Technologies, Inc.	1	72	21V243	2,752	13.4%
			21V676	260	58.1%
Utility Trailer Manufacturing Company	2	3,012	20V204	52	56.9%
			20V744	38	51.4%
Vac-Tron Equipment, LLC	3	200			

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Manufacturer	MFR Number of Recalls	MFR Total Recalled Vehicles	Recall	Recalled Vehicles	Recall Completion Rate
Vac-Tron Equipment, LLC	3	200	20V292	110	12.7%
			21V385	681	73.4%
			21V799	422	7.1%
Van Hool N.V.	2	1,103	20V278	122	50.8%
			21V270	286	51.8%
Vantage Mobility International, LLC	1	122	21V674	38	65.8%
			21V119	20	100.0%
Vermeer Manufacturing Company	4	394	21V721	50	20.0%
			21V355	366	27.6%
			21V490	79	29.1%
			20V648	218,192	58.6%
			21V198	153,152	59.6%
VLRV, LLC (Vanleigh RV)	2	445	20V785	105,652	68.1%
			21V606	45,496	95.6%
			21V295	40,993	95.9%
			21V078	26,967	96.9%
			21V651	16,737	95.4%
			21V607	12,060	97.0%
			21V026	10,303	96.5%
			20V724	10,835	82.6%
			20V505	5,376	96.9%
			20V737	5,426	95.7%
			21V615	5,092	98.9%
			21V470	62,812	5.2%
			21V159	3,421	94.1%
			21V413	3,240	97.6%
			21V825	2,857	93.1%
			21V142	2,535	89.7%
			20V056	106,857	2.1%
			20V760	2,355	90.4%
			21V853	1,285	96.1%
			19V866	2,167	56.2%
			21V569	498	96.8%
			20V786	313	96.8%
			21V111	238	96.6%
			21V695	99	97.0%
			21V595	58	98.3%
			21V038	57	87.7%
			21V707	38	94.7%
21V812	30	93.3%			
21V321	46	26.1%			
21V732	2	50.0%			
Volvo Bus Corporation	1	553	20V803	553	40.0%
			21V414	85,550	97.1%
Volvo Car USA, LLC	8	615,801	21V766	259,383	14.9%
			21V800	194,546	19.0%
			21V682	19,149	95.0%
			21V001	2,883	94.2%
			20V681	54,124	4.7%
			21V273	162	80.3%
Volvo Trucks North America	4	8,197	21V881	4	75.0%
			20V782	6,982	77.3%
			21V417	1,050	65.8%
			21V781	162	98.8%
			21V858	3	66.7%
Wabash National Corporation	1	352	21V588	352	28.1%
Waldock Crafts, Inc.	1	15	19V252	15	0.0%
			21V480	1,566	25.0%
Winnebago Industries, Inc.	3	3,639	21V793	267	95.1%
			20V659	1,806	13.3%
			20V441	267	40.1%
Winnebago Towable	3	433	20V695	106	70.8%
			21V218	60	3.3%
Xtreme Outdoors	1	18	21V515	18	94.4%
			20V814	18,203	49.9%
Yamaha Motor Corporation, USA	8	37,117	21V048	8,281	33.7%
			20V813	2,285	77.2%
			21V865	2,462	48.6%
			21V251	4,262	27.8%
			20V778	1,375	35.8%
			21V806	233	59.7%
			21V836	16	87.5%
Zero Motorcycles Inc.	1	411	21V795	411	59.6%

Notes:

- This annual report provides data and information about recalls that have reached eight quarters of reporting. It encompasses vehicle recalls of all vehicle types (passenger vehicles, heavy vehicles, school buses, etc.) and does not include recalls related to tires, child seats, and equipment. Additional recall data and information, including that pertaining to all manufacturers reporting recall data and other recalls and years of reporting, can be accessed and downloaded from NHTSA's website here: <https://www.nhtsa.gov/nhtsa-datasets-and-apis>.
- This pdf represents a static report of dynamic data; repairs made beyond the eight quarters of reporting reflected here—as vehicle recalls do not 'end' or 'expire'—will increase a recall's completion.
- Recall completion rates may vary across recalls or manufacturers due to many different factors, including vehicle age, vehicle type, and subject of the recall.
- Recall completion rates should not be compared across recalls or manufacturers as supply chain issues, parts delays, and shortages affect the availability of some recall remedies. For more information on completion rates, please see NHTSA's Report to Congress here: https://www.nhtsa.gov/sites/nhtsa.gov/files/2022-06/Report-to-Congress-Vehicle-Safety-Recall-Completion-Rates_tag.pdf
- Additional search functionality and visualization of recall data can be accessed here: <https://data.transportation.gov/stories/s/38mw-dp8u>