

1	<b>SPECIAL PURPOSE VEHICLE</b>	307	.Straddle or motorized surfboard type
2	.Combined, e.g., land-sea-air-type vehicle	308	.Submersible
3	..Amphibious	309	.Hydrofoil
4	..Land and air	310	.Opposed hull skids forming longitudinal channel
5	.Air cushion	311	..Laterally stepped
6	.Sleigh or sled	312	..Channel divided by keel or keel rib
7	..Self-propelled (e.g., snowmobile	313	.Laterally stepped bottom
8	..Standing occupant only	314	.Longitudinal planing steps or strakes on bottom
9	..With occupant support elevated from runner	315	.With cabin (4)
10	...Straddle or flat riding surface type	316	.Raft, float, or platform
11	...Toboggan or skimming type	317	.Element or attachment (5)
12	.Armored	318	..Deck or cabin unit (6)
13	.Firefighting	319	<b>AIRCRAFT, SPACECRAFT, OR FUSELAGE</b>
14	.Service vehicle (1)	320	.Space satellite or habitat (7)
15	..Dumping or trash handling	321	.Flexible or uniform-thickness material forming lift surface, e.g., parachute, paraglider, kite type, etc.
16	.Golf cart (2)	322	.Body supported
16.1	.Drone, guided missile, or rocket	323	.Lighter-than-air, i.e., lift provided by hot air or gas
17	<b>VEHICLE DRAWN BY ANIMAL</b>	324	.Amphibious
18	.Body with cover	325	.Disc or saucer shaped
19	.Cart or sulky	326	.Vertical takeoff type
20	.Element or attachment	327	..Rotary wing, i.e., lift during horizontal flight maintained by moving airfoil
36	<b>RAIL VEHICLE</b>	328	...Plural horizontal rotors
37	.Monorail	329	...Tandem
38	.Locomotive (includes combination with tender)	330	..Ducted or shrouded fan
39	.Car	331	.Canard configuration or with plural distinct wings
40	..Passenger (includes self-propelled)	332	..Horizontal stabilizer ahead of wing
41	..Freight	333	.Horizontal stabilizer conforms to and continues wing or fuselage configuration, e.g., lifting body type
42	.Element or attachment	334	..Plural
43	..Body element	335	.Plural fuselages or tail booms
44	...Baggage support	336	.Plural distinct crew or armament nacelles
45	..Undercarriage	337	.T-tail empennage, i.e., stabilizer mounted at top of rudder or vertical fin
46	...Truck	338	.Plural distinct rudders (8)
47	...Bolster or bearing	339	.Pusher propeller
48	...Draft, coupler, or uncoupler element	340	.Pylon-mounted engine
49	..Railway (includes tie)	341	.Wing-mounted engine
50	...Track		
51	...Tie plate or clamp		
52	<b>TELPHER CARRIER OR CHAIR LIFT</b>		
300	<b>WATERCRAFT OR HULL</b>		
301	.Simulative		
302	.Canoe or kayak		
303	.Sailboat (3)		
304	..Plural hulls or outrigger, e.g., catamaran		
305	.Air propeller driven		
306	.Paddle wheel or crank driven		

342	.Plural distinct engine air intakes on fuselage flanks or wing roots	120	...Stand (18)
343	.Jet propelled	121	...Step plate for tricycle
344	.Propeller driven	122	..Running gear (19)
345	.Element or attachment (9)	123	...Crank or sprocket
82	<b>MOTORCAR, BUS OR TRUCK</b>	124	...Derailleur or gear unit (20)
83	.Simulative	125	...Pedal or toe clip
84	.Bus	126	..Enclosure or quad
85	.Three-wheeled	127	...For chain, sprocket or derailleur, etc.
86	.Motorcar or body	128	<b>PERAMBULATOR, INVALID CHAIR, OR STRETCHER</b>
87	..Dune buggy type	129	.Stroller type
88	..Two or more fully exposed wheels or detached fenders, e.g., racing-type vehicle	130	.Walker
89	..Stepped top	131	.Wheelchair
90	..Contiguous hood and roof	132	.Wheeled stretcher
91	..Distinct hood or cowl	133	.Element or attachment
92	...With distinct trunk or notched back	500	<b>TIRE</b>
93	.Motor truck or body (10)	501	.Combined with wheel or wheel rim
94	..Vehicle carrier	502	.With tread pattern
95	..Tank-type carrier, e.g., oil, gasoline truck, etc.	503	..Simulative
96	..Distinct operator or cargo compartment	504	...Letter or number
97	...Articulated	505	..Asymmetrical type
98	...Cargo compartment open at top	506	...Tread pattern continues onto sidewall or tire is tubular in cross-section
99	..Integral cab and cargo compartment	507	...Repeating shape
100	...Camping, e.g., motor home, etc. (11)	508	....Triangle
101	<b>TRAILER OR TRAILER BODY</b>	509	....Circle or oval
102	.Fully enclosed	510	....Square or rectangle
103	..House or camping type (12)	511	....Diamond or oblique rectangle
104	...With expansible portion	512	...Discrete tread blocks or ribs arrayed on plain surface
105	.Partially enclosed	513	...Tessellated
106	.Element or attachment (13)	514	...Circumferential groove width at least 10 percent of tread width
107	<b>CYCLE OR MOTORCYCLE</b>	515	...Uninterrupted circumferential groove
108	.Simulative	516	....Zigzag type
109	.Tandem	517	....Straight sides
110	.Motorcycle or frame	518	....Notchless
111	.Bicycle or frame	519	...Uninterrupted circumferential rib
112	.Tricycle or frame	520	....Zigzag type
113	..With distinct step plate or depression	521	....Fully transected by sipe
114	.Element or attachment (14)	522	....Laterally opposed notches
115	..Cycle support or holding rack (15)	523	....Straight sides
116	..Sidecar	524	....Notchless
117	..Frame part	525	...Lateral groove
118	...Fork or stem (16)	526	...Combined lateral and diagonal grooves
119	...Saddle post or support (17)	527	....Combined lateral, diagonal, and circumferential grooves

528	.....Straight sides	566	.....With interrupted equatorial circumferential groove
529	....Combined lateral and circumferential grooves	567	.....Straight sides
530	...Diagonal groove	568	..Nondirectional type
531	....Combined diagonal and circumferential grooves	569	...Tread pattern continues onto sidewall or tire is tubular in cross-section
532	.....Straight sides	570	...Characterized by groove pattern
533	..Directional type	571	...Characterized by block pattern
534	...Tread pattern continues onto sidewall or tire is tubular in cross-section	572	...Characterized by rib pattern
535	....Characterized by groove pattern	573	.....Single rib
536	....Characterized by block pattern	574	...Repeating shape
537	....Characterized by rib pattern	575	....Triangle
538	.....Single rib	576	....Circle or oval
539	...Repeating shape	577	....Square or rectangle
540	...Triangle	578	...Diamond or oblique rectangle
541	....Circle or oval	579	...Discrete tread blocks or ribs arrayed on plain surface
542	....Square or rectangle	580	...Tessellated
543	....Diamond or oblique rectangle	581	...Circumferential groove width at least 10 percent of tread width
544	...Discrete tread blocks or ribs arrayed on plain surface	582	...Uninterrupted equatorial circumferential groove
545	...Tessellated	583	....Zigzag type
546	...Circumferential groove width at least 10 percent of tread width	584	....Straight sides
547	...Uninterrupted equatorial circumferential groove	585	.....Notchless
548	....Zigzag type	586	...With uninterrupted equatorial circumferential rib
549	....Straight sides	587	....Zigzag type
550	.....Notchless	588	....Fully transected by sipe
551	...Uninterrupted equatorial circumferential rib	589	....Laterally opposed notches
552	....Zigzag type	590	....Straight sides
553	....Fully transected by sipe	591	.....Notchless
554	....Laterally opposed notches	592	...Lateral groove
555	....Straight sides	593	...Combined lateral and diagonal grooves
556	.....Notchless	594	....Combined lateral, diagonal, and circumferential grooves
557	...Lateral groove	595	.....Straight sides
558	....Combined lateral and diagonal grooves	596	.....With interrupted equatorial circumferential groove
559	.....Combined lateral, diagonal, and circumferential grooves	597	.....Straight sides
560	.....With interrupted equatorial circumferential groove	598	...Combined lateral and circumferential grooves
561	.....Straight sides	599	...Diagonal groove
562	....Combined lateral and circumferential grooves	600	...Combined diagonal and circumferential grooves
563	...Diagonal groove	601	.....Straight sides
564	....Combined diagonal and circumferential grooves	602	.....With interrupted equatorial circumferential groove
565	.....Straight sides	603	.....Straight sides

604	..Element or attachment	169	...Vehicle-attached front or rear type
605	..Sidewall or shoulder		
606	..Valve or valve stem	170	....Combined with grille
607	...Dust cover or cap	171	....Grille or radiator guard
608	..Anti-skid device	172	....Element or attachment
400	<b>PARTS, ACCESSORIES AND ATTACHMENTS FOR VEHICLES NOT ELSEWHERE SPECIFIED</b>	173	..Hood for motor vehicle
		174	..Control element
401	..Cover, canopy, or top (21)	175	..Steering wheel
402	..Cycle type	176	...Circular
403	..Collapsible fabric, tent, or size-adjustable type (22)	177	...Element or attachment
404	..With window, door, or hatch	178	..Handlebar
405	...Passenger-type door	179	..Brake or gear shift lever or unit
406	..Rack, carrier, or load barrier (23)	180	..Brake element
407	..Cycle type (24)	181	..Deflector or fender
408	...Mounted to other vehicle	182	..Windshield
409	...Fully enclosed	183	..Window or curtain
410	...Molded shell type	184	..Mudguard
411	...Beverage container holder or cage (25)	185	...Splash shield or flap
412	..Roof or trunk mount type (26)	186	...Cycle type
413	...Fully enclosed	187	..Rear view mirror (35)
414	..Side rail or barrier type (27)	188	..Combined with disparate article
414.1	..Cargo or flatbed type (28)	189	..Circular head
415	..Console, compartment, or interior accessory mount (29)	190	..Exterior or interior trim (36)
416	..Attachable to seat (30)	191	..Visor or attachment therefor (37)
417	..Attachable to visor	192	..Instrument panel or element thereof
418	..Overhead type (e.g., ceiling mounted, etc.)	193	..License plate holder, frame, or support
419	..With provision for beverage container	194	..Tail pipe extension or muffler
420	...Hook or bracket mount	195	..Vehicle interior or interior panel
421	..Armrest type (31)	196	..Exterior panel or door
422	..Pocket type	197	..Radiator cap, gas cap and/or hood ornament
423	..Enclosed storage	198	...With temperature or water indicator
424	...Combined with visible storage (e.g., tray, open bin, etc.)	199	...Simulative
425	..Tray or open bin	200	....Humanoid
426	..Compartment divider	201	...Opposed radial arms
426.1	..Desk type (32)	202	..Tire cover or support
159	..Chassis element (33)	203	..Mat, step, or step plate (38)
160	..Axle element	204	..Wheel or wheel cover (includes hub or rim)
161	..Bearing or fifth wheel	205	..Wire-type spoke
162	..Draw element, e.g., trailer hitch	206	..With air diverter, e.g., vane or scoop, etc.
163	..Radiator, grille, or bumper (34)	207	..Hub
164	..Combined with hood or fender	208	..Rim
165	..Vertically elongated axis	209	..Aperture or simulated aperture (39)
166	...Radiator or casing therefor		
167	..Bumper or guard	210	...Characterized by circular motif
168	...Boat fender		

211	...Aperture has two straight sides	(14) Includes trim. Excluded are wheels, tires and combinations thereof; see, respectively, subclasses 204+, 134+, and 135. For cycle mounted carrier (e.g., basket, saddle bag, etc.) see subclasses 407+.
212	..Concentric circles	(15) For cycle-mounted stand, see subclass 120.
213	..Element or attachment	(16) Includes element. For handlebar, see subclass 178.
214	.Propeller	(17) For saddle type seat, see Class D6-354.
215	.Oar, paddle or anchor (40)	(18) Includes cycle-mounted kickstand.
216	.Grille or radiator cover	(19) Includes training or auxiliary wheel.
217	.Wheel chock or stop	(20) For control lever, see subclass 179. For fender, see subclass 186.
218	.Fuel tank or fluid reservoir	(21) Includes vehicle attached shelter. For top fitting such as bow, stay, bracket, etc., see subclass 223. For window awining, see subclass 190.
219	.Wiper	(22) Includes simulation of folding convertible top.
220	..Element or attachment	(23) For interior type, see subclasses 415+.
221	.Liner for interior surface (e.g., trunk, ceiling, truck load bed, etc.)	(24) Includes basket.
222	.Rollover protection unit or overhead light support bar	(25) Includes combination with water bottle; for water per se, see D7-510.
223	.Bracket or support (41)	(26) For side rail or stanchion, see subclass 414.

## SEARCH NOTES FOR CLASS D12

- (1) Includes aircraft maintenance vehicle, tow truck, mobile service station, etc.
- (2) For golf bag cart, see D34-15. For powered passenger carrying golf car, see subclass 16. For tilting carts, see subclass 32+.
- (3) Includes ice boat type.
- (4) For cabin per se, see subclass 318.
- (5) For component which is of a type and configuration suitable to other vehicles in this class (e.g., console, steering wheel, folding roof, fuel tank, etc.) see subclasses 400+.
- (6) For folding top, see subclass 403.
- (7) Includes craft intended exclusively for use in space.
- (8) Includes V-Tail type.
- (9) For propeller, see subclass 214. For component which is of a type and configuration suitable to other vehicles in this class (e.g., console, steering wheel, folding roof, fuel tank, etc.) see subclasses 400+. For interior storage compartment, see subclasses 415+.
- (10) Elements included with indented subclasses 94-100 below.
- (11) For camping trailer per se, see subclasses 103+. For pickup truck-mounted camper, see subclass 156.
- (12) For truck-mounted camper, search subclass 156. For motor home, see subclass 100.
- (13) For trailer hitch, see subclass 162.

- (27) Includes stanchion.
- (28) Includes carrier or accessory type compartment mountable in a truck cargo area or flatbed trailer. For console or compartment designed for vehicle interior, see subclass 415+.
- (29) Includes, in this and in indented subclasses, vehicle-attached desk. For holder for audio tapes, discs, etc., per se, see D6-407+.
- (30) For armrest, see subclass 421.
- (31) Includes armrest, per se.
- (32) Includes steering wheel type desk or table.
- (33) Includes shock absorber or spring.
- (34) Includes radiator casings and assembly combinations.
- (35) Includes mirror head or support bracket per se.
- (36) For armrest, see subclass 421.
- (37) For visor-attached holder, see subclass 417.

- (38) Includes running board.
- (39) Excluding bolt, valve, or hub per se.
- (40) For boat hardware, see D8-356 and 382.
- (41) Includes vehicle-attached flag mount.

**CROSS-REFERENCE ART COLLECTIONS**

- 900      **TIRE TREAD INCLUDING FEATURE  
          WITHIN GROOVE**
- 901      **TIRE TREAD INCLUDING TIE BAR**