

| | | | |
|------|--|-----|--|
| 1 | SPECIAL PURPOSE VEHICLE | 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 | AIRCRAFT, SPACECRAFT, OR FUSELAGE |
| 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 | VEHICLE DRAWN BY ANIMAL | 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 | RAIL VEHICLE | 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 | TELPHER CARRIER OR CHAIR LIFT | | |
| 300 | WATERCRAFT OR HULL | | |
| 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 | MOTORCAR, BUS OR TRUCK | 124 | ...Derailleur or gear unit (20) |
| 83 | .Simulative | 125 | ...Pedal or toe clip |
| 84 | .Bus | 126 | ..Enclosure or guard |
| 85 | .Three-wheeled | 127 | ...For chain, sprocket or derailleur, etc. |
| 86 | .Motorcar or body | 128 | PERAMBULATOR, INVALID CHAIR, OR STRETCHER |
| 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 | TIRE |
| 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 | TRAILER OR TRAILER BODY | 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 | CYCLE OR MOTORCYCLE | 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 | PARTS, ACCESSORIES AND ATTACHMENTS FOR VEHICLES NOT ELSEWHERE SPECIFIED | 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 | (11) For camping trailer per se, see subclasses 103+. For pickup truck-mounted camper, see subclass 413. |
| 212 | ..Concentric circles | |
| 213 | ..Element or attachment | (12) For truck-mounted camper, search subclass 413. For motor home, see subclass 100. |
| 214 | .Propeller | |
| 215 | .Oar, paddle or anchor (40) | (13) For trailer hitch, see subclass 162. |
| 216 | .Grille or radiator cover | (14) Includes trim. Excluded are wheels, tires and combinations thereof; see, respectively, subclasses 204+, 500+, and 501. For cycle mounted carrier (e.g., basket, saddle bag, etc.) see subclasses 407+. |
| 217 | .Wheel chock or stop | (15) For cycle-mounted stand, see subclass 120. |
| 218 | .Fuel tank or fluid reservoir | (16) Includes element. For handlebar, see subclass 178. |
| 219 | .Wiper | (17) For saddle type seat, see Class D6-354. |
| 220 | ..Element or attachment | |
| 221 | .Liner for interior surface (e.g., trunk, ceiling, truck load bed, etc.) | (18) Includes cycle-mounted kickstand. |
| 222 | .Rollover protection unit or overhead light support bar | (19) Includes training or auxiliary wheel. |
| 223 | .Bracket or support (41) | (20) For control lever, see subclass 179. For fender, see subclass 186. |

CROSS-REFERENCE ART COLLECTIONS**900 TIRE TREAD INCLUDING FEATURE WITHIN GROOVE****901 TIRE TREAD INCLUDING TIE BAR**

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 413.

(12) For truck-mounted camper, search subclass 413. For motor home, see subclass 100.

(13) For trailer hitch, see subclass 162.

(14) Includes trim. Excluded are wheels, tires and combinations thereof; see, respectively, subclasses 204+, 500+, and 501. For cycle mounted carrier (e.g., basket, saddle bag, etc.) see subclasses 407+.

(15) For cycle-mounted stand, see subclass 120.

(16) Includes element. For handlebar, see subclass 178.

(17) For saddle type seat, see Class D6-354.

(18) Includes cycle-mounted kickstand.

(19) Includes training or auxiliary wheel.

(20) For control lever, see subclass 179. For fender, see subclass 186.

(21) Includes vehicle attached shelter. For top fitting such as bow, stay, bracket, etc., see subclass 223. For window awining, see subclass 190.

(22) Includes simulation of folding convertible top.

(23) For interior type, see subclasses 415+.

(24) Includes basket.

(25) Includes combination with water bottle; for water per se, see D7-510.

(26) For side rail or stanchion, see subclass 414.

(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.