# Vehicle variants

Vehicle variants can be anything from different adverts to additional parts of the model.

## **Adding Variants**

Vehicle Vehicle

Adding variants requires modifying your DFF by adding a part of the model you wish to be a variant and naming it **extra1**, **extra2**, **extra3**, **extra4** or **extra5** then setting it's parent to the **chassis\_dummy**; this tells GTA it has variant information.

## **Spawning Custom Variants**

To spawn custom variants is to implicitly specify which variants you want in createVehicle, or change the variant of an already existing vehicle using setVehicleVariant. Also, any invalid variant will show up as the default model with no variation.

### **GTA: San Andreas Vehicle Variants List**

Vehicle Name	Vehicle ID	Variants
Ambulance	416	Numbers: $0 = 37$ , $1 = 71$
BF Injection	424	Body: 0 = Side Panels
BF-400	581	Exhausts: $0 = \text{Single Type1}$ , $1 = \text{Single Type2}$ , $2 = \text{Dual Type3}$ - Fairings (with Windshields): $3 = \text{Half-size}$ , $4 = \text{Full-size}$
Bagboxb	607	Contents: 0,1,2 = Various distributions of loose baggage
Baggage	485	Rear Cargo Items: 0 = Earmuffs, 1 = Small Case, 2 = Large Case
Barracks	433	Bed Covering: 0 = Opaque Fabric, 1 = Camo Netting
Benson	499	Side Ads: 0 = Shady Industries, 1 = LSD, 2 = The Uphill Gardener, 3 = Discount Furniture
Berkley's RC Van	459	0 = Boxes of Toys in Back
Bloodring Banger	504	Numbers/Roof Color: $0=328$ /White, $1=464$ /Check, $2=172$ /Check, $3=100$ /White, $4=284$ /White, $5=505$ /Check
Bobcat	422	Bed Items: 0 = Spare Tire, 1 = Sprunk Cans
Burrito	482	Roof Items: 0 = Roof Lights + Spoiler
Caddy	457	Rear Cargo (Driver Side): $0 = Golfbag1$ , $1 = Satchel1$ , $2 = Golfbag2$ , Rear Cargo (Pass Side): $3 = Satchel2$ , $4 = Golfbag3$ , $5 = Golfbag4$
Camper	483	0 = Open Curtains & Second Bench Seat, $1 = $ Open Roof Vent, Closed Curtains, Bed in Back, Peace Sign
Cheetah	415	Side Mirrors: 0 = Single, Placed High, 1 = Dual, Placed Normally
Coach	437	Name on Side: 0 = Big O Tours, 1 = Bikini Line
Coastguard	472	Various Items $0 = \text{Items all Over}$ , $1 = \text{Items Grouped in Back}$ , $2 = \text{Items all Over} + 2 \text{ Oars in Front}$
Damaged Sadler	605	Items in Bed: $0 = \text{Two Propane Tanks & Crate}$ , $1 = \text{Two Barrels}$ , $2 = \text{Sprunk Cans}$ , $3 = \text{Open Crates}$ , $4 + = \text{Empty bed}$
FCR-900	521	Exhausts: 0 = Single Type1, 1 = Dual Type1, 2 = Dual Type2, Fairings (with Windshields): 3 = Half-size, 4 = Full-size
Fire Truck	407	Numbers: $0 = 64$ , $1 = 16$ , $2 = 47$
Flatbed	455	Numbers: $0 = 64$ , $1 = 16$ , $2 = 47$
Hotknife	434	0 = Partial Engine Cover
Hotring Racer 2	502	Numbers: $0 = 82$ , $1 = 26$ , $2 = 65$ , $3 = 07$ , $4 = 36$ , $5 = 60$
Hotring Racer 3	503	Numbers: $0 = 96$ , $1 = 67$ , $2 = 73$ , $3 = 52$ , $4 = 45$ , $5 = 14$
Kart	571	Body Panels: 0 = Both Sides, 1 = Steering Column
Launch	595	Roofs: $0 = Over passenger section$ , $1 = Over driver section$
Marquis	484	0 = Windshield over Cabin Entrance
Mesa	500	0 = Roof Over Back, 1 = Roll Bar in Back
Monster 2	556	0 = Roof Spoiler, 1 = Roof Lights, 2 = Roll Bar with Lights
Monster 3	557	0 = Couldn't Determine 1 = Roof Lights
Mr. Whoopee	423	Rear Sign: 0 = Cherry Popping Good, 1 = Slow Children Ahead
Mule	414	Side Ads: 0 = Toy Corner, 1 = Binco, 2 = Semi, 3 = Shafted Appliances
NRG-500	522	Exhausts: $0 = \text{Single Pair}1$ , $1 = \text{Single Pair}2$ , $2 = \text{Dual Pair}2$ - Fairings (with Windshields): $3 = \text{Smooth}$ , $4 = \text{With Side Cutouts}$

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Patriot
             470
                      Cargo Area 0 = Low Cover, 1 = Roof/High Cover, 2 = Roll Bar
                      Cargo Area 0 = Low Cover, 1 = Roof/High Cover, 2 = Roll Bar
Perennial
             404
                      Items in Bed: 0 = Planks, 1 = Sprunk Cans
Picador
             600
Pony
             413
                      0 = Sound System in Back
Reefer
             453
                      Items in Back: 0 = Boxes of Fish, 1 = Bench
Romero
                      Coffins: 0 = Brown Style1, 1 = Black Style2, 2 = Brown Style3
             442
                      Side Ads: 0 = Cok-o-Pops, 1 = Harry Plums, 2 = Dick Goblin's, 3 = Final Build, 4 = Transfender,
Rumpo
             440
                      5 = Wheel Arch Angels
S.W.A.T.
             601
                      Number: 0 = 1, 1 = 9, 2 = 6, 3 = 7
                      Items in Bed: 0 = Two Propane Tanks & Crate, 1 = Two Barrels, 2 = Sprunk Cans, 3 = Open
Sadler
             543
                      Crates, 4+ = Empty bed
Securicar
             428
                      Side Logo: 0 = Chuff, 1 = Lock\&Load
Slamvan
                      Steering Wheel: 0 = Normal, 1 = Chain (Default has none!)
             535
Stallion
                      Roof: 0 = \text{Hardtop}, 1 = \text{Softtop (up)}, 2 = \text{Softtop (folded)}
             439
Super GT
             506
                      0 = Full Roof
Trailer 1
             435
                      Side Ads: 0 = Cok-o-Pops, 1 = Munky Juice, 2 = Hinterland, 3 = Zip, 4 = RS Haul, 5 = Ranch
Trailer 2
             450
                      Contents: 0 = Filled with gravel/coal/stone
Tram
             449
                      0,1,2,3 = (4 \text{ defined extras, but I don't know what they are})
Trashmaster 408
                      0 = Some bits of trash sticking out of the back
Tug
             583
                      Case in Back: 0 = \text{Red Case}, 1 = \text{Green Case}
                      0 = \text{Cones}, Barrel in back + Cone lying on passenger side rail, 1 = \text{Cones}, Barrel in back + Cone
Utility Van
             552
                      lying on driver side rail
Walton
             478
                      Items in Bed: 0 = Two Propane Tanks, 1 = Open Crates, 2 = Propane Tank and Barrel
Windsor
                      0 = \text{Roof}, 1 = \text{No Roof}
             555
Yankee
             456
                      Side Ads: 0 = Big Gas, 1 = RS Haul, 2 = Star Balls, 3 = Flower Power
ZR-350
             477
                      0 = Rear Spoiler
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#### Above table serialized in Lua:

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local vehicleModelVariants = {
  [404] = \{0, 1, 2\},\
  [407] = \{0, 1, 2\},
  [408] = \{0\},
  [413] = \{0\},
  [414] = \{0, 1, 2, 3\},\
  [415] = \{0, 1\},
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  [424] = \{0\},
  [428] = \{0, 1\},
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  [435] = \{0, 1, 2, 3, 4, 5\},\
  [437] = \{0, 1\},
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  [440] = \{0, 1, 2, 3, 4, 5\},\
  [442] = \{0, 1, 2\},\
  [449] = \{0, 1, 2, 3, 4\},
  [450] = \{0\},
  [453] = \{0, 1\},
  [455] = \{0, 1, 2\},\
  [456] = \{0, 1, 2, 3\},\
  [457] = \{0, 1, 2, 3, 4, 5\},\
  [459] = \{0\},
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  [472] = \{0, 1, 2\},\
  [477] = \{0\},
  [478] = \{0, 1, 2\},\
  [482] = \{0\},
  [483] = \{0, 1\},
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  [485] = \{0, 1, 2\},
  [499] = \{0, 1, 2, 3\},\
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  [503] = \{0, 1, 2, 3, 4, 5\},\
  [504] = \{0, 1, 2, 3, 4, 5\},\
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  [522] = \{0, 1, 2, 3, 4\},\
  [535] = \{0, 1\},\
  [543] = \{0, 1, 2, 3, 4\},\
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[552] = {0, 1},

[555] = {0, 1},

[556] = {0, 1, 2},

[557] = {0, 1},

[571] = {0, 1},

[581] = {0, 1, 2, 3, 4},

[583] = {0, 1},

[595] = {0, 1},

[600] = {0, 1},

[601] = {0, 1, 2, 3},

[605] = {0, 1, 2, 3, 4},

[607] = {0, 1, 2},
```