

New Venture TRANSFER CASES

New Process became New Venture Gear in 1999

New Venture transfer case numbering system:

First number = number of speeds/gear ratios

Second number = Case strength, 2 is smallest and 7 is largest

Third = 4WD/AWD type: 1 = Part Time (PT); 2 = PT + Full Time (FT), manual shifts; 3 = PT, electric shifts; 4 = PT + FT, electric shifts; 5 = 2005 & up Jeep Grand Cherokee with Hemi; 6 = Active on demand system; 7 = Active on demand system with progressive apply; 9 = Viscous coupling.

Part-Time 2WD/4D Units

Unit ID	Gear ratio	Features	Applications
NV133	1:1	C.D. , Elec.	03-Up. Dodge Durango
NV136	1:1	C.D., Mech.	99-Up GM Astro Van
NV144	1:1	C.D., Elec.	04-Up. Dodge Durango
NV149	1:1	C.D.	02-Up GM Escalade
NV208	1:1, 2.61:1	C.D. , Mech.	81-86 GM Suburban, Pu. 80-86 Ford F series, Bronco 80-87 Dodge Pu. 80-83 Jeep Cherokee
NV219	1:1, 2.61:1	C.D., V.C.	Jeep
NV231	1:1, 2.72:1	C.D., Mech.	GM Pu, SUVs Jeep Wrangler, Liberty
NV233	1:1, 2.72:1	C.D., Elec.	GM S series, Sonoma Dodge Dakota, Durango
NV241	1:1, 2.72:1	C.D. , Mech.	99-Up GM T series
241OR	1:1, 4:1	C.D., RockTrac, Mech.	03-Up. Jeep Rubicon
NV243	1:1, 2.72:1	C.D., Mech.	99-Up GM Blazer, Tahoe, Pu., Suburban 02-03 Dodge Hemi Pu.
NV261	1:1, 2.72:1	C.D., Mech.	99-Up Pu and Suburban
NP263	1:1, 2.72:1	C.D. , Mech.	01-Up GM Pu.
NV271	1:1, 2.72:1	C.D., Elec. or Mech.	99-Up Ford Excursion, Pu., F250-- 55003-Up Dodge Pu.
NV273	1:1, 2.72:1	C.D., Elec. or Mech.	00-03 Ford Excursion, Pu. 03-Up Dodge Pu.

C.D.: Chain Drive, **G.D.:** Gear Drive, **Elec.:** Electric motor, **Mech.:** Manual shift lever, **Pu:** Pickup

Full-Time 4WD Units (Driver controls shifts)

Unit ID	Gear ratio	Features	Applications
NV124	1:1	G.D., Constant Mesh	BMW 3 series
NV125	1:1	C.D. , Constant Mesh	BMW X5
NV144	1:1	C.D., Elec.	04-Up. Dodge Durango
NV148	1:1	C.D. , Constant Mesh, V.C.	GM Escalade, Denali
NV225	1:1, 2.69:1	C.D., Torsen Center Differential	Land Rover Range Rover
NV242	1:1, 2.72:1	C.D., SelecTrac, Mech.	99-Up Jeep Grand Cherokee 2002 Jeep Liberty 99-Up GM Hummer H1
NV244	1:1, 2.72:1	C.D., Mech.	01-03 Dodge Durango, Dakota Pu.
NV249	1:1, 2.72:1	C.D., V.C.	99-up Jeep Cherokee, Grand Cherokee, Grand Wagoneer
NV263	1:1, 2.72:1	C.D., Elec.	99 GM Pu., Suburban

V.C.: Viscous Coupler, P.D.: Planetary Differential, F.: Front, R.: Rear

All-wheel drive, Active AWD, and Torque on demand Units (Electronic controlled shifts)

Unit ID	Gear ratio	Features	Applications
NV119	1:1	C.D., V.C.	Jeep
NV126	1:1	C.D. , Elec.	02-Up GM Envoy, Trailblazer
NV136	1:1	C.D. , Elec.	99-up GM Astrovan, Blazer, Denali, Safari
NV146	1:1	C.D. , Elec.	06-Up. Jeep Grand Cherokee
NV147	1:1	C.D., QuadraTrac I	99-Up Jeep Grand Cherokee
NV226	1:1, 2.69:1	C.D. , Elec.	02-Up GM Trailblazer, Envoy, Brvada
NV235	1:1, 2.69:1	C.D., Active Torque Biasing	04-Up Porsche Cayenne 04-05 VW Toureg
NV236	1:1, 2.72:1	C.D. , Elec.	99-up Astrovan, Blazer, Safari, S10
NV245	1:1, 2.72:1	C.D., Quadra-Drive II	05-Up Jeep Grand Cherokee
NV1240	1:1	C.D., QuadraTrac I	05-Up Jeep Grand Cherokee
NV246	1:1, 2.72:1	C.D.	99-up GM Pu., Suburban, Tahoe, Yukon, Blazer 99-00 Escalade
NV247	1:1, 2.72:1	QuadraTrac II	99-04 Jeep Grand Cherokee, Wrangler

Note: New Venture transfer cases are identified by tag attached to the case.