





-  AVM Hubs are World wide recognized for their top quality and dependability. Approved as Original Equipment (OEM) by vehicle manufacturers in Brazil and overseas. World leader in aftermarket equipment.
-  For every 4x4 vehicle, regardless of it's origin, AVM produces specific Free-Wheeling Hubs.

Description of AVM Free-Wheel Hub Types

AVM PREMIUM MANUAL - 400 Series



- Recognized unanimously as **The Tough Hub** by many thousand satisfied users worldwide.
- Ultra reinforced nodular iron body.
- Salt-spray tested epoxi enamel finish.
- Die cast aluminum cap. Corrosion resistant glossy finish.
- Internal components: CNC machined, heat treated.

AVM SUPER MANUAL - 500 Series



- Practical, lightweight, (Highly popular with the "Do-it-yourself" market).
- One-piece die cast aluminum body.
- Internal componets: Precision machined and heat treated.
- Main bearing in moli-graphite TECHNYL, fiber-glass reinforced.

AVM HIGH PERFORMANCE AUTOMATIC - 900 Series



- State-of-the-art comfort and reliability. Locks automatically as driver shifts into 4-wheel-drive, even with the vehicle moving (provided transfer case is synchronized).
- Remains solidly and permanently locked all the time while in 4x4, upgrade or coasting!
- As you shift back into 2-wheel-drive, hubs disengage automatically the first time you reverse the vehicle.
- Internal Components :Perfect Combination of Investment cast and steel parts.
- Our automatic hubs never disengage when the vehicle is reversing down a slope.

AVM VACUUM ACTUATED - 1000 Series



- Shifting into 4-wheel-drive releases vacuum, which locks hubs instantaneously. Can also be engaged with moving vehicle (with synchro transfer case)
- Full permanent engagement until vacuum feed is interrupted, as driver returns to 4x2.
- Sturdy construction, maintenance proof, with minimum moving parts.

SERVICE KITS



- AVM Free Wheel Hubs Service kits are available for all models. These are used for a perfect re-installation of AVM hubs after front end maintenance or repairs.

CONVERSION KITS



- Conversion kit 803K converts full time Ford and GM vehicles to part-time 4 wheel drive. Allows user to enjoy the advantages of a free-wheel 4x2.



FREE-WHEEL HUBS APPLICATION CHART

AGRALE

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Marruá AM 200	05-->	26	6	90,00	413	913	4413/4913

ARO

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Ischia	81-->	22	6	99,00	411	-	4411
M 240	78-->	10	10	95,00	415		4415

BEIJING

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Jeep	61-->	10	6	89,80	410	910	4410

CHEVROLET / GMC / GEO

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Chevy ¾ Ton.Pick Up (K-20)	60-76	19	6	95,25	417	-	4417

Blazer, Jimmy, Suburban	69-91	19	Internal Mount		418	918	4418/4918
½ Ton.Pick Up (K-10)	69-87						
Chevy GMC ¾ Ton.Pick Up	77-87						
Chevy 1 Ton. Dana 50&60	76-90	30	Internal Mount		439	-	4439
Chevy 1 Ton. Pick (K-30) V-Series Crew Cab							
Luv 4x4 Pick Up	-->80	24	6	76,00	422	-	4422
Luv 4x4 Pick Up	81--87	24	6	80,00	432	-	4432
Pick Up D20 4x4	All	30	6	87,30	468	-	4468
Geo Tracker, Tracker	89-->	26	6	90,00	538	938	4938
Luv 4X4 V6, Diesel	88-->	17	6	83,00	433	-	4433

CHRYSLER/DODGE

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Dodge Power WC50 & 60 ,WM 300 WC 56,57,59 & M 37B1	41-75	16	6	101,60	408	-	4408
½ Ton. Pick Up W100 & ¾ Ton. Pick Up W200	57-68	19	6	95,25	417	-	4417
½ Ton. Pick Up, Ramcharger	69-74	19	Internal Mount		418	918	4418/4918
1/2, 3/4 Ton. Pick Up, Ramcharger	80-93						
Cherokee (dana 44)	-->75						
Trailduster	81-84						
Plymouth Arrow Dodge D-50	-->81	28	6	90,00	428	-	4443
1 Ton.Pick Up, Dodge D-300, W 250 & W 350 3/4 Ton. P.Up.	-->78 90--93	30	Internal Mount		439	-	4439
Dodge D-50 4x4	82-90	28	6	88,00	443	943	4443/4943
W 300 Dodge 1Ton.	76-89	30	8	100,30	441	-	4441

DAIHATSU

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Rocky, Rugger(All)	78-->	26	5	90,00	403	-	4403
4x4 all	80-->	26	5	90,00	420	-	4403
Feroza, Four Track, Rocky	88-->	24	5	90,00	440	-	4403
F 73/78	All	26	6	90,00	466	-	4404

ENGESA TRUCKS

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
ENGESA EE15,EE25	All	20	8	130,7	412	-	4412

ENGESA / ENVEMO

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Camper Envemo	All	27	6	87,30	402	-	4401
Jeep Engesa	85-94						

FORD

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
¾ Ton.W, 3. 500 Lb . Axle	63-77	19	6	95,25	417	-	4417
Explorer (TTB Suspensions)	90--94	27	5	114,30	465	-	4465

Explorer (IFS Suspensions)	95-->			114,30			
Ranger	90--97			Flange Mount			
Ranger	98--00	27	Internal Mount		470	-	-
Bronco (all)	66-96	19	Internal Mount		418	918	4418 /4918
½ Ton. Pick Up F 100	59-86						
½ Ton. Pick Up F 150	76-90						
¾ Ton. F 250, 3000 Lb . Axle	59-75						
¾ Ton. F 250, 3500 Lb . Axle	63-86						
¾ Ton. F 250, 3800 Lb . Axle	78-90						
Crew Cab, 3800 Lb . Axle	78-90						
1 Ton. F 350, 3500 Lb . Axle	76-90						
F-1000 Pick Up 4x4	91-->						
1 Ton. F350, 450 Dana 50&60	76-99	30	Internal Mount		439	-	4439
Super Duty	99-04						
1 Ton. Pick Up Dana 50&60	90-98						
F250 , F4000 4X4, F350 (DANA 60)	04-->	30	Internal Mount		439N	-	4439N
Maverick	90-->	31	6	90,00	445	-	4410
Ranger INT'L ONLY	99-01	26	6	76,00	453	-	4453
Courier	-->90						
Pampa 4X4, Belina 4X4,Maverick	-->97	27	6	84,00	436	-	4436
Ranger, Bronco II	83-86	23	5	Flange Mount	467	-	4467

GAZ

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
U A Z	61-->	10	6	89,80	410	910	4410/4910

HYUNDAI / ASIA MOTOR

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Galloper - all	91-->	28	6	88,00	443	943	4443/4943
Asia Rocsta R1	91-->	10	6	87,30	448	-	4401

ISUZU

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
KB 40/1800 4x4, 4x4 Pick Up	-->85	24	6	76,00	422	-	4422
Jackaroo, Trooper I and II	83-86	24	6	80,00	432	-	4432
Jackaroo, Trooper II,KB 2500	87-93	17	6	83,00	433	-	4433
Rodeo, Holden Rodeo	91-->						
Pick-Up D-Max 2005	05-->						

JEEP / INTERNATIONAL HARVESTER

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
J 4800 pick up,Camper SPL	69-74	10	6	87,30	401	901	4401/4901
CJ Universal, M38A1, Willys	42-71						
Jeep Station Pick Up	-->65						
Jeepster C101 Commando	66-71						

Gladiator, Wagoneer, Pick Up, Cherokee	-->73						
Scout	61-70						
CJ Universal	72-80	27	6	87,30	402	-	4401
JeepSter C104	72-73						
Scout II, Terra, Traveller	71-80						
Harvester ½, ¾ Ton. Pick Up	56-75	19	6	95,25	417	-	4417
J20 Pick Up (HEAVY AXLE)	72-76						
Commander, J10 Pick Up	74-91	19	Internal Mount		418	918	4418/4918
J20 Pick Up	77-87						
Harvester ½Ton., Pick Up, Traveller	68-75						
CJ Universal,Scrambler	81-86	27	5	87,30	426	-	4426
1 Ton. H.D.200 W/FA-20 AXLE	All	30	8	100,30	441	-	4441

KIA

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Sportage	94-97	26	6	76,00	460K	-	4460
Sportage, Grand Sportage, Retona, Frontier,Besta 4X4	97-->	26	6	76,00	460	960	4460/4960
Bongo	04-->						
Ceres 4X4	91-->	10	6	87,30	448	-	4401

LAND ROVER

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Serles I, II & IIA, III88" W.B.	48-80	10	6	95,25	405	-	4405
Serles III, 88"/ 109"W.B.	73-85	24	6	95,25	406	-	4406
Defender (all), Discovery 1 (All)	94-->	24	5	93,45	751**	-	-
Defender (all),Discovery 1 (All) Except With Factory Aluminium Alloy Wheels					451**	-	4451
Defender 90*					84-85	24	5
Defender LR 110*	-->08/86						
Defender 110 & 130*	86-93						

*Only with Transfer Case LT230 & LT230T.

** Conv. 4X4 Fulltime to 4X4 Parttime with locking hub

MAHINDRA

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Old Models, Bolero	81-->	10	6	87,30	401	901	4401/4901
Scorpio, Sk Silver Mount	95-->	31	6	90,00	447		4447

MAZDA

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
B 3000&B4000 PICK UP	01-->	27	Internal Mount		470	-	-

Navajo	90-94	27	5	114,30	465	-	4465
PICK UP	94-97						
B series,Fighter	99-01	26	6	76,00	453	-	4453

MERCEDES BENZ TRUCK

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
LA 1113/1313/ 1214/1418-90	78-->	35	8	112,00	414	-	4414
1718,1720 A 4X4	99-->	38	8	156,00	458	-	4458

MITSUBISHI

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Triton, L200 4x4	-->91	28	6	90,00	428	-	4443
Triton, L200 4x4,Pajero,Montero	91-->	28	6	88,00	443	943	4443/4493
Delica,Shogun	88-->						

NISSAN

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Patrol G60	61-79	10	6	88,00	407	-	4401
Patrol MK/MQ	80-89	29	6	90,00	423	-	4410
Pick Up 720	72-82	24	6	76,00	424	-	4422
King Cab., Pathfinder H.B.	--> 94	27	6	83,00	429	-	4444
Terrano I, 4x4 Pick Up IFS	86-89						
Pick Up 720	83-86	26	6	83,00	444		4444
G Q, 4x4 Pick Up IFS, Patrol	90-->	31	6	90,00	445		4410
Mistral, D21, Terrano II	91-->	27	6	83,00	452		4444
Frontier/ Pathfinder V6	90-->	28	6	83,00	461	961	4461/4961
Pick-up 4cc							
Pick-up D21, Navara							
X-Terra, Pickup D22							

OKA & OKA TRUCK

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Pick-up 4x4 (Dana 70)	-->05	35	Internal Mount		439K	-	4439K
NT (Dana 70)	06-->	34	12	136	459	-	4459

OPEL / VAUXHALL

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Frontera	91-->	17	6	83,00	449	-	4449

REO TRUCK

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
M35	51-87	16	8	141,40	434	-	4434

SSANGYONG

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Korando I, Family	-->94	24	6	80,00	432	-	4432
Korando II, Musso SUV , Rexton/TD,Musso Pick Up	95-->	28	6	83,00	450	1050vacuum	4450

SUZUKI

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
SJ 410, SJ 413, Samurai, Sierra	78-01	26	6	90,00	438/538	-	4438
Vitara, Gran Vitara, Sidekik, Escudo, X-90	80-->	26	6	90,00	438/538	938	4438/4938
JIMNY	-->98						
JIMNY	99-->	26	6	90,00	457	-	4404

TATA

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Sumo	All	31	6	90,00	445	-	4410

TOYOTA

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Bandeirantes	-->82	6	6	90,00	404	-	4404
Land Cruiser	63-->75						
Hi Lux Sr5	All	26	6	90,00	413	913	4404/4913
Hi Lux , 4Runner (with Automatic Disconnect Diferencial), Pick Up 4X4 IFS (Idependet Front Suspension)	86-96						
LN/RN 105, 106, 107, 110, Van, Previa, T100, T100 (with Automatic Disconnect Diferencial)	86-96						
Hi Lux INT'L W/Torsion Bar Susp.	98-->						
Land Cruiser	76-77	30	6	90	419	-	4404
Blizzard	All	26	5	90,00	420		4403
Land Cruiser	76--87	30	6	90,00	421/521	921	4404/4921
Hi Lux (all exc ADD), Pick Up	76--85						
Bandeirantes	83-->01						
Land Cruiser HZJ80,FZJ 70/75	89--98						

4 Runner	-->06/85						
Land Cruiser HZJ75	-->08/99	30	6	90,00	454	-	4454
Land Cruiser FZJ 71/74/78/79, HZJ 71/78/79	08/99-->	30	6	92,00	455	-	4455
Land Cruiser FZJ/HZJ 105	01/98-->						
Land Cruiser FZJ/HZJ 100	01/98-->	30	6	92,00	462	-	4455
Hi Lux LN 167, RZN 169	08/97-->	26	6	90,00	456	-	4456
Hi Lux LN 172	11/97-->						
Land Cruiser II, Prado, KZJ 70,73,71W (Eletromagnetic) 10 BOLTS	91-->	30	6	90,00	463	-	4463
Tacoma 4X4	95-01	26	6	90,00	464	-	4464

TROLLER

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
T4	02-->	30	6	90	421CR	-	4404

U M M

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Alter I e II	78-->	27	6	87,30	402	-	4401

VOLVO

Application	Year	Splines	Bolts	P.C.D. (mm)	AVM Model		Service Kit
					Manual	Autom.	
Laplander	78-->	19	6	88,00	427	-	4401

Contact Information

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