



## DM Advantage On/Off Fan Drives

Sales/Spec Code: 12THJ

## DM Advantage Two-Speed Fan Drives

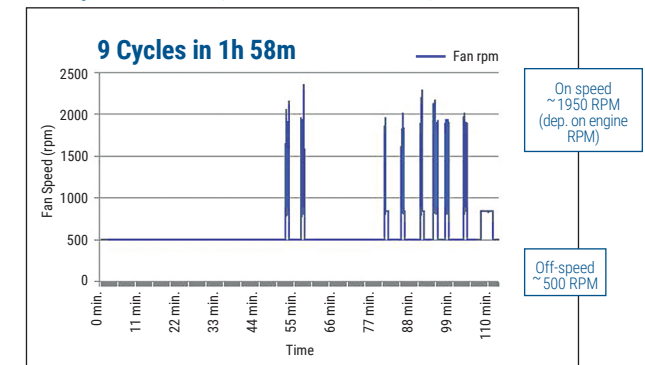
Sales/Spec Code: 12THT

## Two-Speed Benefits

- Alternates between eddy current and spring-actuated cooling
- Eddy current turns the fan at low speeds, reducing operating noise, increasing available horsepower for auxiliary systems, and minimizing radiator abrasion from dust and debris
- When additional cooling is needed, fan drive spring actuates, running the fan at full input speed
- Reduced fan cycling increases friction liner life and improves fuel economy
- Better engine temperature control for vehicles with little to no ram air
- Reduces fan cycling up to 85 percent
- Improves fuel economy
- Reduces noise

## Fan Speed Over Time with DM Advantage®

Two-Speed Fan Drive (August 18, 2009, New Jersey)



# DM Advantage®

## On/Off and Two-Speed Fan Drives

The advantage is yours with the best, proven solution for the highest-heat, under-hood conditions. DM Advantage Fan Drives keep engine coolant at optimum temperature, provide better engine performance, save fuel and reduce operating noise. Constructed using durable, advanced components, the DM Advantage is backed by Horton's superior warranty program.



## Premium Bearing Vs. Deep-Groove Hub Bearing

### DM Advantage Bearing

- A double-row contact bearing (1 needed)
- 14 rolling elements per row
- Highest load capacity
- High contact angle - withstands more thrust load
- Dual-lip Viton® seals
- Highly-resistant grease
- Size: 45 mm ID x 85 mm OD x 39 mm length



### Competitive Rear (Current Hub Bearing)

- Deep groove bearings
- 9 rolling elements per row
- Low load capacity
- Not preloaded
- Size: 45 mm ID x 85 mm OD x 19 mm length



# Legacy Navistar EPA 2010 | Horton Application Guide and Cross-Reference



Engine	Truck Models	Specific Model (if applicable)	Cab Height / Engine Rating (if applicable)	Product Type	Navistar Part Number	Horton Part Numbers		Fan		Navistar Spec Code	
						Production #	Aftermarket #	Production #	Aftermarket #		
MF 11/13	Prostar			Stratis®	3893209C91	9806017	9906017	986813GC2-001	996813GC2-001	12THX	
	Paystar			Stratis	3893209C91	9806017	9906017	986813GC2-001	996813GC2-001	12THX	
	Transtar			Stratis	3893209C91	9806017	9906017	986813GC2-001	996813GC2-001	12THX	
	Workstar	7600 / 7700			Two-Speed 5 in. Pilot	3834443C92	98A9757	99A9757	BorgWarner® 32" XD11	BorgWarner 32" XD11	12THT
					Two-Speed 2.56 in. Pilot		98A9562-2	99A9562-2	BorgWarner 32" XD11	BorgWarner 32" XD11	12THT
					Two-Speed with Lockup	3959486C91	98A8146	99A8146	BorgWarner 32" XD11	BorgWarner 32" XD11	12THT
					Journal Bracket	3879325C3	98A4193	99A4624			
	Cat CT660				Pulley	3879328C1	98A4194	99A4623	BorgWarner 32" XD11	BorgWarner 32" XD11	12THT
					Two-Speed Clutch Pack	3879329C2	98A221	99A4636			
					Journal Bracket	3879325C3	98A4193	99A4624			
					Pulley	3879328C1	98A4194	99A4623	BorgWarner 32" XD11	BorgWarner 32" XD11	12THT
	Lonestar				Two-Speed Clutch Pack	3881234C1	98A4228	99A4641			
ISX 15	Prostar			Two-Speed	6101420C91	98A9750	99A9750	3809753C2	BorgWarner 32" XD11	12THT	
	Paystar	5900 SBA		Two-Speed	4020256C91	98A9635	99A9635	3820083C1	BorgWarner 32" XD11	12THT	
	9900			Two-Speed	4020257C91	98A9634	99A9634	3820083C1	BorgWarner 32" XD11	12THT	
ISL-G	Transtar			Two-Speed	3984260C93	98A8145	99A8145	3714726C1	BorgWarner 32" XD11	12THT	
	LoadStar			Two-Speed	3982067C91	98A8156	99A8156	BorgWarner 29" 11 blade	BorgWarner 29" 11 blade	12THT	
MF DT / 466ST	Workstar	7300 / 7400 / 7500	Mid / 245-260 HP or High / 270-300 HP - 2 ACC Belts	Two-Speed	3848975C91	98A9742	99A9742	3681266C1		12THT	
				Journal Bracket	3611889C93	984164	994976				
				Pulley	3611892C94	98a4167	99A4619	3609121C1	993762501	12THT	
		7300	Mid / 215-230 HP	Two-Speed Clutch Pack	3611885C93	984160	994972				
				Journal Bracket	3611889C93	984164	994976				
				Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT	
	7400 / 7500	Mid / 245-260 HP	Two-Speed Clutch Pack	3611885C93	984160	994972					
			Journal Bracket	3611889C93	984164	994976					
			Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT		
	DuraStar	4300 / 4400	Mid / 270-300 HP	Journal Bracket	3611889C93	984164	994976				
				Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT	
				Two-Speed Clutch Pack	3611885C93	984160	994972				
		4300	Low / 215-230 HP	VS217	3872294C92	452100120101	99452100120101			12TTG	
				Journal Bracket	3611886C93	984161	994973				
				Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT	
			Low / 245-260 HP	Two-Speed Clutch Pack	3611885C93	984160	994972				
				Journal Bracket	3705250C91	98a4182	99A4615				
				Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT	
			Mid / 215-230 HP	Two-Speed Clutch Pack	3611885C93	984160	994972				
				Journal Bracket	3687054C91	98a4192	99A4621				
				Pulley	3611892C94	98a4167	99A4619	3609121C1	993762501	12THT	
		Mid / 245-260 HP	Two-Speed Clutch Pack	3611885C93	984160	994972					
			Journal Bracket	3687054C91	98a4192	99A4621					
			Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT		
4400		Mid / 270-300 HP	Two-Speed Clutch Pack	3611885C93	984160	994972					
			Journal Bracket	3687054C91	98a4192	99A4621					
			Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT		
	Low / 215-230 HP	Two-Speed Clutch Pack	3611885C93	984160	994972						
		Journal Bracket	3611886C93	984161	994973						
		Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT			
Integrated conv bus / PT	CE300	Low / 245-260 HP	Two-Speed Clutch Pack	3611885C93	984160	994972					
			Journal Bracket	3705250C91	98a4182	99A4615					
			Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT		
	Low / 215-230 HP	Two-Speed Clutch Pack	3611885C93	984160	994972						
		Journal Bracket	3611886C93	984161	994973						
		Pulley	3611891C94	98a4166	99A4618	3609121C1	993762501	12THT			
MF9 / 570ST	Workstar	7400 / 7500	High / 300-330 HP - 2 ACC Belts	Two-Speed	3848973C91	98A9743	99A9743	3681266C1		12THT	
	Durastar	4400	Mid / 300-330 HP	Journal Bracket	3687054C91	98a4192	99A4621				
				Pulley	3611890C94	98a4165	99A4617	3609121C1	983762501	12THT	
				Two-Speed Clutch Pack	3611885C93	984160	994972				
MF10 / 570 HT	Workstar	7400 / 7500	High / 310-350 HP - 2 ACC Belts	Two-Speed	3848973C91	98A9743	99A9743	3681266C1		12THT	
All Modulares				Main Nut	3587141C91	984153	994931			12THT	