

# THE FORD 6R140 TRANSMISSION

## MODERN TECHNOLOGY - ROBUST PERFORMANCE



### FORD® MAKES IT SMARTER

The Ford® 6R140 Transmission is a reliable, modern transmission that is *operating in thousands of commercial-duty vehicles on the road today*. This transmission powers our Type C Vision Propane and Gasoline buses— creating the Ford® powertrain solution that has proven, time and time again, to deliver results you can count on.

### REAL-WORLD APPLICATION FOR STUDENT TRANSPORTATION



#### ***Accelerate to on-highway speeds seamlessly***

The 15 second 0-60 acceleration time allows for ease of entry onto the highway when transporting the high school football team to their big game!



#### ***The power to get you there***

The one-way clutch is designed to handle enormous low-end torque and a high GVW load. This comes in handy when you have an 82-passenger bus loaded with the high school band and all their music equipment!

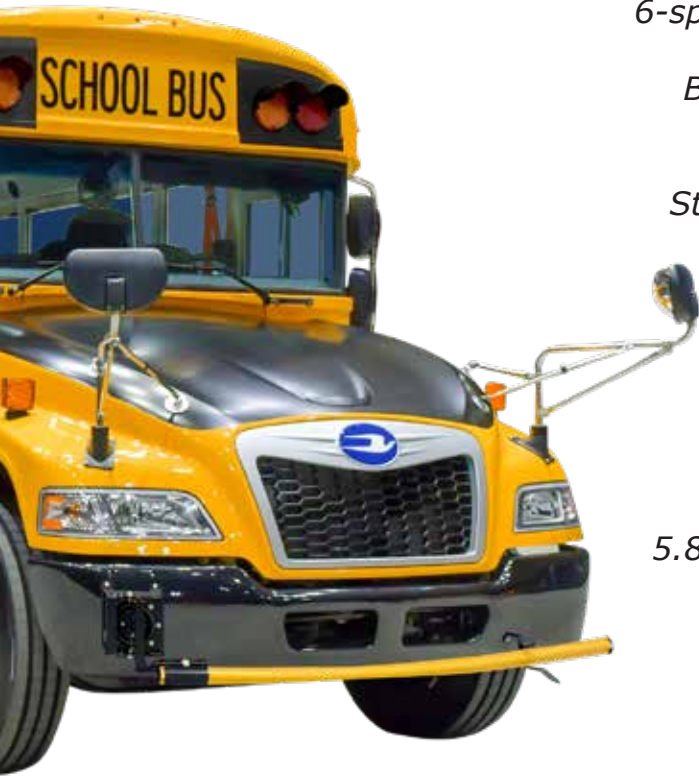


### POWERTRAIN MATCHING MATTERS

The performance of the engine relies on the transmission it works with. This is why Blue Bird has chosen to pair the Ford 7.3L engine with the proven 6R140 Ford transmission - Combining the lighter, more compact engine size with a sleek design, offering you the best of both worlds: improved fuel economy, and performance.



# THE FORD 6R140 TRANSMISSION SPECIFICATIONS



## Highlights:

*6-speed rear wheel drive with fixed flange output shaft*

*Builds on proven architecture used on other Ford 6-speed Rear wheel drive applications*

*Structure capable of up to 1200 ft-lb of input shaft torque*

*Input RPM Max/Min: 6500/525 (gas)*

*Minimum T/C lock-up speed: 650 RPM*

*Live Drive PTO Capability*

*5.899 ratio span allows for launch capability and fuel efficiency*

*1 simple planetary and 1 Ravigneaux gear set*

*5 clutch packs (3 rotating, 2 brake clutches)*

<b>Transmission</b> Ford 6R140 6-Speed Automatic	<b>Gear</b>	<b>Ratio</b>	<b>Step</b>
	1	3.974	-
	2	2.318	1.714
	3	1.516	1.529
	4	1.149	1.319
	5	0.858	1.339
	6	0.674	1.273
	R	-3.128	-

Specifications, features, illustrations and equipment shown in this brochure are based upon the latest available information at the time of printing. Although descriptions are believed to be correct, accuracy cannot be guaranteed. Blue Bird Body Company reserves the right to make changes at any time without notice. Some features mentioned herein are not available in all models. Please see your Blue Bird Dealer for details. Blue Bird Body Company does not represent or warrant that its products are fit for a particular purpose. Purchaser must independently determine the suitability of the Blue Bird products for their particular application. All images contained herein are either owned by Blue Bird Body Company or used under a valid license. All trademarks used herein are registered trademarks of Blue Bird Body Company. It is a violation of federal law to reproduce these images without express written permission from Blue Bird Body Company. SB-F6R140-0221 © 2021 Blue Bird Corporation



**Hoover**  
Truck & Bus Centers



**Robert H. Hoover & Sons, Inc.**

Toms River, NJ  
1784 Route 9  
Toms River, NJ 08755  
732-341-2128  
F732-341-8854

Stanhope, NJ  
101 Stanhope -Sparta Rd  
Stanhope, NJ 07874  
973-527-7302  
F973-527-7306

Mailing  
PO Box 719  
Flanders, NJ 07836

Edgewater Park, NJ  
4313 Route 130 S Unit B10  
Edgewater Park, NJ 08010  
856-773-4600  
F856-7734610

Flanders, NJ  
149 Gold Mine Road  
Flanders, NJ 07836  
973-347-4210  
F973-347-0170

[www.hoovertruckandbuscenters.com](http://www.hoovertruckandbuscenters.com)