



TechMate Tools & Equipment Alignment and Wheel Balancing Equipment Requirements

Reference: NSIB/20-004

Date: February 12th, 2020

This bulletin supersedes NPSB/18-374 as well as revisions "a" and "b" of that bulletin

Nissan established minimum requirements for dealership alignment and wheel balancing equipment with NPSB/18-374 in October of 2018. Per the original bulletin, Nissan dealers would have two years to complete upgrades to their current equipment and/or purchase equipment that meets the minimum requirements, with full compliance by October of 2020.

After further study of current equipment within the Nissan dealership network, and review with the Nissan Aftersales Dealer Advisory Board, Nissan has decided it would be in the best interest of our dealers to extend the compliance date for meeting the minimum alignment and wheel balancing equipment requirements to **October of 2025**.

This additional 5 years will allow Nissan dealers who had recently acquired equipment that does not meet the minimum requirements a full 7 year lifecycle of their current equipment, before upgrading to equipment that meets the established minimum requirements.

Nissan dealers who are replacing or upgrading their current alignment and/or wheel balancing equipment, and all new Nissan dealers, must acquire alignment and wheel balancing equipment which meets the Nissan minimum requirements as detailed in the following pages of this bulletin.





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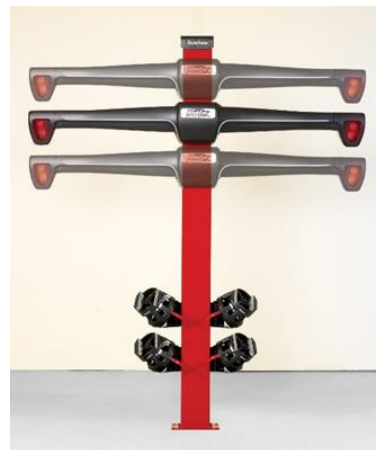
Product technology is ever changing and Nissan vehicles are no exception. Similarly, automotive service equipment technology is also rapidly evolving to keep pace with the vehicle service industry. After investigating other OEM's requirements, repair quality data, industry-wide equipment accuracy, and reviewing with the Nissan Dealer Advisory Board, Nissan has established minimum requirements for alignment and wheel balancing equipment, effective October 1, 2018.

By standardizing the equipment requirement, Hunter Engineering has agreed to provide custom software to Nissan dealers which will feature specific procedures approved by Nissan. The hardware will be connected to Wi-Fi (or Ethernet) and user data will be collected by Nissan engineering to help us improve service quality, and customer satisfaction.

Nissan has selected the HawkEye Elite aligner and Road Force Elite wheel balancer as required equipment. Unique Nissan part numbers will be assigned to equipment that meets the minimum requirements, and will only be available through the Nissan TechMate Tools and Equipment program.

Minimum Alignment Equipment Requirement

- WA600 Console
- Hawkeye Elite Sensors
- Compatible alignment rack for the above alignment system





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The following alignment system part numbers have been approved by Nissan North America:

WinAlign WA600 Consoles		HawkEye Elite Sensors	
WA623NIS	Wall-Mount Console, 24" LCD Screen (HawkEye Elite Sensors must be added)	HE421FMNIS	Fixed Dual Column Floor Mount
WA624NIS	Wall-Mount Console, 27" LCD Screen (HawkEye Elite Sensors must be added)	HE421WMNIS	Wall Mount
WA673NIS	Compact Console, 24" LCD Screen (HawkEye Elite Sensors must be added)		
WA674NIS	Compact Console, 27" LCD Screen (HawkEye Elite Sensors must be added)		
WA683NIS	Large Console, 24" LCD Screen (HawkEye Elite Sensors must be added)		
WA684NIS	Large Console, 27" LCD Screen (HawkEye Elite Sensors must be added)		
WA685NIS	Large Console, 32" LCD Screen (HawkEye Elite Sensors must be added)		
WA673-CMNIS	Compact Console, 24" LCD Screen (HawkEye Elite Sensors included, Cabinet Mount)		
WA674-CMNIS	Compact Console, 27" LCD Screen (HawkEye Elite Sensors included, Cabinet Mount)		
WA683-CMNIS	Large Console, 24" LCD Screen (HawkEye Elite Sensors included, Cabinet Mount)		
WA684-CMNIS	Large Console, 27" LCD Screen (HawkEye Elite Sensors included, Cabinet Mount)		
WA685-CMNIS	Large Console, 32" LCD Screen (HawkEye Elite Sensors included, Cabinet Mount)		



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Some dealers may only be required to upgrade existing equipment to meet the minimum requirements. The following matrix provides information on what equipment can be upgraded rather than replaced.

Aligner Upgrade Matrix:



Manufacturing range	2011-present	2007-11	2003-07	Varies	--
Age	Up to 7 years old	Up to 11 years old	Up to 15 years old	Varies	--
Upgrade Estimate	\$0-3000	\$20k-\$30k	\$20k-\$30k	-\$-\$50k	\$26k-\$50k
Comments	Upgrade price varies with age and condition	Upgrade price varies with age and condition	Upgrade price varies with age and condition	New WA600 required and may need rack	New WA600 required and may need rack



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Minimum Wheel Balance Equipment Requirement

The following wheel balancer part numbers have been approved by Nissan North America:



Road Force Elite Balancers	
RFE00NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets)
RFE01NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets and Color Printer)
RFE02NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets and TDC Laser System)
RFE03NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, TDC Laser System, and Color Printer)
RFE10NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets and Wheel Lift)
RFE11NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift, and Color Printer)
RFE12NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift, and TDC Laser System)
RFE13NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift, TDC Laser System, and Color Printer)



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Road Force Elite Balancers	
RFE20NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets and Speed Clamp System)
RFE21NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Speed Clamp System, and Color Printer)
RFE22NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Speed Clamp System, and TDC Laser System)
RFE23NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Speed Clamp System, TDC Laser System, and Color Printer)
RFE30NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift System, and Speed Clamp System)
RFE31NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift System, Speed Clamp System, and Color Printer)
RFE32NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift System, Speed Clamp System, and TDC Laser System)
RFE33NIS	Road Force Elite Balancer (Gen. 5) (Includes 10 Bullseye Collets, Wheel Lift System, Speed Clamp System, TDC Laser System, and Color Printer)