

DS4 2018/19

Discover

DS4

The First Fusion of Four Technologies



Remote Start



Security



Interface



Bluetooth®

VIPER

CLIFFORD

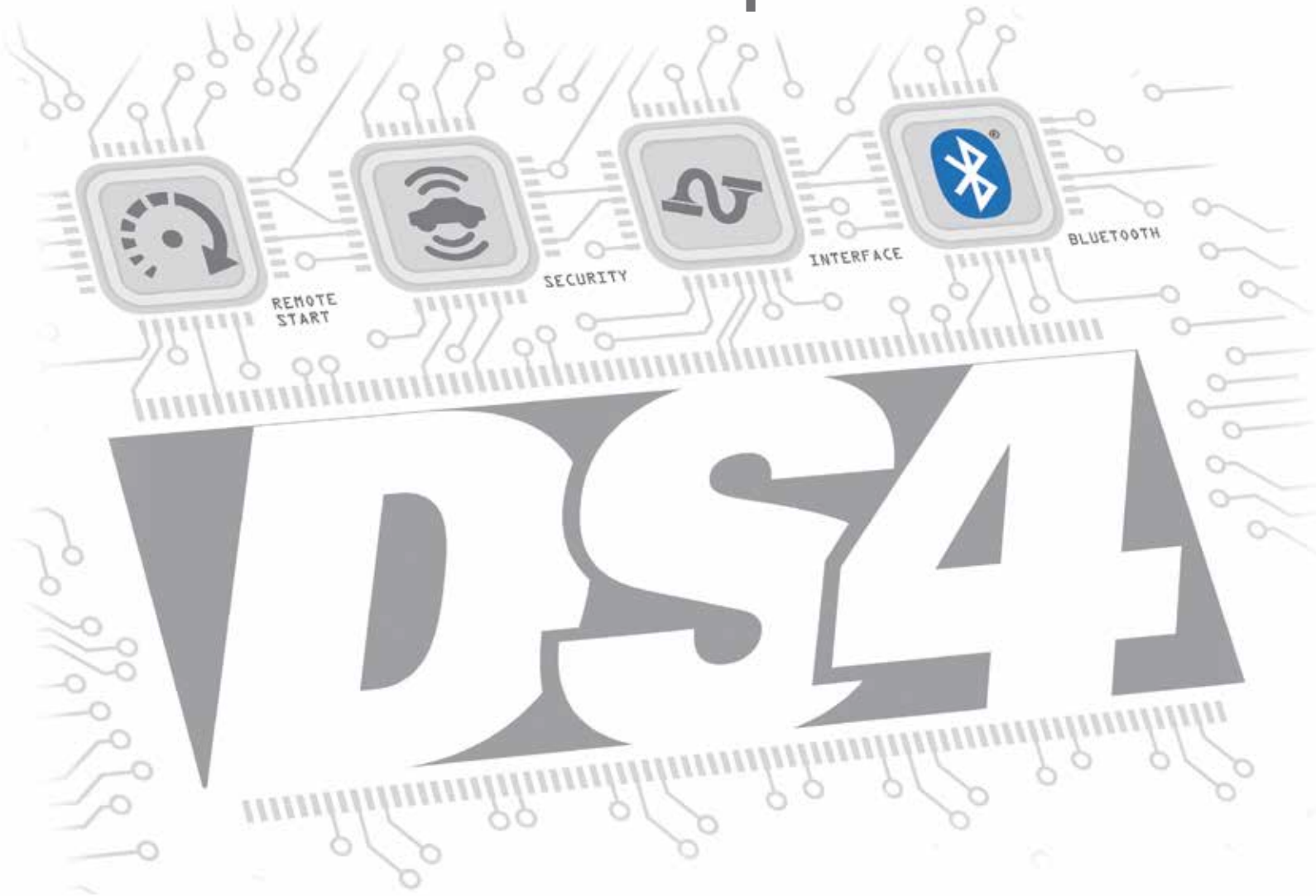
AstroStart

AUTOSTART

AUTOMATE

DIRECTED

The *New* Experience



DS4 is four key mobile technologies integrated into one single device connecting you to the future of digital remote start and security

REMOTE START · SECURITY · INTERFACE · BLUETOOTH®

2

DS4 is available for these Directed brands:

VIPER **CLIFFORD** *AstroStart*
AUTOSTART **AUTOMATE**

www.directed.com

THE BENEFITS OF DS4

DS4 provides the simplest of solutions for the widest range of vehicles

Simple delivery of a complex system utilizing the latest technologies to simplify the installation process and provide extended functionality.

Seamless design that integrates with the vehicles existing systems to enable a connected car experience like no other.

Smart ecosystem that does all the thinking for you. Auto-lookup of vehicle firmware, simplified installation docs, and system configuration at your fingertips.

Solutions that fit any vehicle that comes your way. Feature rich vehicle firmware and OEM fit t-harnesses cut installation times by 75%*.

*Your actual installation times will vary.

The Benefits of **DS4** Digital Technology



Benefits for **Installers**

- Auto firmware lookup from the vehicle identification number
- Smart D2D 2.0 Bus Ports to connect peripherals
- Simplified documentation that provides just what's needed



Benefits for **Dealers**

- New and exciting features that will drive consumers into your store
- Configurable and expandable inventory reduces cost
- Faster installations mean more vehicles through the bay, which equals more profits



Benefits for **Consumers**

- Interface included — no additional purchase required
- Smartphone control via Bluetooth Smart® technology
- Optional shock and tilt sensors and siren provide ultimate protection for the vehicle

INCLUDED WITH **DS4!**



3X Lock Start!

For customers that prefer to keep their original factory remote, Directed **DS4** Systems provide seamless integration with the OEM remote right out of the box!

This **3X Lock Start** compatibility, enables remote start by pressing the factory remote transmitter's lock button three times to remote start the vehicle.

Smartphone Control!

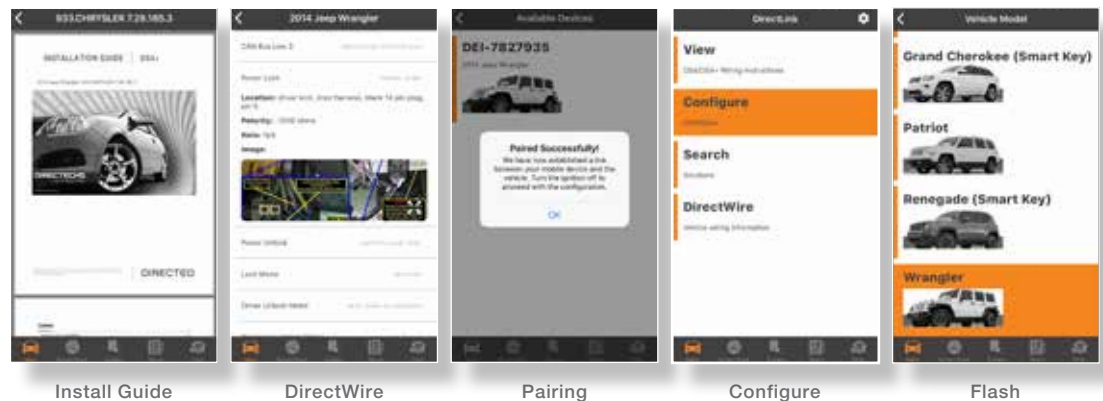
For a more convenient and interactive connection to the vehicle, Directed **DS4** Systems provide smartphone control via Bluetooth Smart® technology and the Directed SmartStart mobile app.

The Directed SmartStart Mobile App is available from:



The **DS4** Evolution

Simplifying Programming Through Connectivity



 **Bluetooth™** 

The **DS4** Infrastructure

Universal. Intuitive. Wireless. Complete.

DirectLink

Direct proprietary wireless connection between the DS4 modules and wireless devices via integrated Bluetooth® technology.

Directechs User Interface

The All-New Directechs.com is the go-to resource for everything **DS4**.

Embedded Software

All the software is already built in to **DS4**, including Remote Start, Security, 3X Lock Start, Bluetooth®, and more.

Firmware

Solutions for more than 90% of the vehicles on the road today.

T-Harnesses

Widest array of vehicle-specific T-harness solutions to speed up and simplify Installations.

Dynamic Documents

Installation documents that are generated specifically for the make, model, and year vehicle you're working on. Just the information you need!

Directed SmartStart

Easy upgrade to Directed SmartStart for the ultimate in vehicle remote start, control, and GPS features.



Directed has redefined the industry with the new **DS4** Remote Start systems that can be configured as remote start or remote start with security.

The new **DS4** systems have all new universal D2D 2.0 peripheral connections on one side of the module and all vehicle connections on the opposite side, resulting in an easier and cleaner installation.

The **DS4+** system also features 5 high-current relays to support remote start functions on all vehicles.

Bluetooth® enables direct wireless connectivity, reducing errors and installation time, and provides near-range smartphone control for consumers.



Inside **DS4+**

The Digital Future Begins Right Here.

Universal D2D 2.0 Ports to Connect All Peripherals

High-Current Remote Start Relays On-Board (*DS4+ Only*)



Low Energy Consumption Bluetooth®

Embedded Interface Supporting More Than 12,000 Vehicles

A Wide Array of T-Harness Solutions

Inside the **DS4**

Half the size but just as powerful!

Universal D2D 2.0 Ports to Connect All Peripherals



Low Energy Consumption Bluetooth®

Embedded Interface Supporting More Than 7,000 Vehicles

Shown above:
The Directed **DS4** and **DS4+**
Digital Remote Start System

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Discover **DS4** Online

The Number One Resource for **DS4** Digital Technology



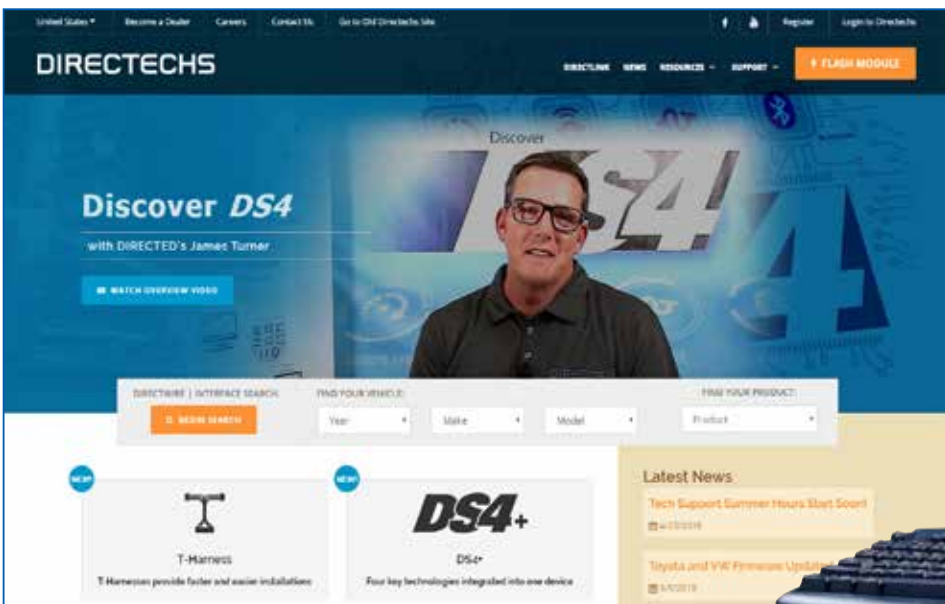
Discover the All New **DS4** digital technology online through our video tutorials and interactive training at:

Directed.com/DS4



The All-New Directechs.com

Redesigned from the Ground Up With Improved Performance, Speed, and Complete Support for DS4!



REMOTE START · SECURITY · INTERFACE · BLUETOOTH®

A True Connected-Car Experience with **DS4**

The First Ever Integrated Wireless Programming Tool



DIRECTECHS MOBILE APP with DIRECTLINK

Bluetooth® connectivity creates a powerful and direct link between you and thousands of vehicles. Through DIRECTLINK, our proprietary wireless connection, the Directtechs Mobile App finds your vehicle and automatically searches for the system firmware needed, based on reading the vehicle's VIN.

Applicable Smartphones:



Introducing

DIRECTLINK

the proprietary wireless connection between you and the vehicle, via integrated Bluetooth® technology

FEATURES:

- Direct Connection Between Wireless Device and Module
- Auto Firmware Look-Up Based on Reading the Vehicles VIN
- Dynamic Documents provide Vehicle-Specific Installation Guides
- New Simplified and Intuitive Programming via DIRECTLINK

The Directtechs Mobile App with DIRECTLINK Replaces all your old programming technology!



iPhone is a trademark of Apple Inc. "Made for iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone may affect wireless performance. Android is a trademark of Google Inc. Use of this trademark is subject to Google Permissions. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Directed is under license.

BUILD YOUR SYSTEM

The **DS4** Systems

The Simple Solution.

Directed has redefined the industry with the new **DS4** Remote Start systems that can be configured as remote start or remote start with security.

The new **DS4** systems have all new universal D2D 2.0 peripheral connections on one side of the module and all vehicle connections on the opposite side, resulting in an easier and cleaner installation.

The **DS4+** system also features 5 high-current relays to support remote start functions on all vehicles.

Bluetooth® enables direct wireless connectivity, reducing errors and installation time, and provides FREE near-range smartphone control for consumers.



VIPER DS4V

VIPER DS4 REMOTE START SYSTEM

Includes:

- **DS4V** System Module
- Temperature Sensor
- Universal Wiring Harnesses



DS4VP

VIPER DS4 REMOTE START SYSTEM with HCR

Includes:

- **DS4V+** System Module with High-Current Relays
- Temperature Sensor
- High-Current Remote Start Relay Wiring Harness
- Universal Wiring Harnesses



CLIFFORD DS4X

CLIFFORD DS4 REMOTE START SYSTEM



DS4XP

CLIFFORD DS4+ REMOTE START SYSTEM with HCR

Customize Your System

The **DS4** Systems



**AUTOSTART
DS4AF**

AUTOSTART DS4 REMOTE START SYSTEM



DS4AFP

AUTOSTART DS4+ REMOTE START SYSTEM with HCR



**AstroStart
DS4AS**

ASTROSTART DS4 REMOTE START SYSTEM



DS4ASP

ASTROSTART DS4+ REMOTE START SYSTEM with HCR



**AUTOMATE
DS4A**

AUTOMATE DS4 REMOTE START SYSTEM



DS4AP

AUTOMATE DS4+ REMOTE START SYSTEM with HCR

Add Security to **DS4!**

DS4SU

DIRECTED DS4 SECURITY UPGRADE KIT

Create a complete and fully-featured **DS4** Remote Start and Security System for full vehicle security and convenience.

Includes: 6-Tone Mini Siren · Shock/Tilt Sensor



The **DS4** À-la-Carte Experience

Build Systems With Only What You Need.

At the center of custom configured **DS4V** Digital Remote Start Systems are the **DS4** System Module, which includes wiring harness and temp sensor, and the **DS4V+** System Module that also includes high-current relays.

Pair the system module with the appropriate **T-Harness** and, with the included **3X Lock Start** compatibility and **Smartphone Control**, a basic **DS4** remote start system can be installed.

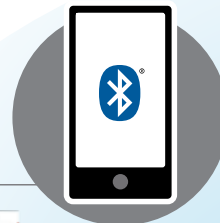
Choose an **RF Kit** to upgrade the system with a wide range of industry-leading remote transmitters.

You can even add **Viper SmartStart**, for the ultimate in vehicle remote start, control, and GPS features.

Or create a feature-rich Remote Start and Security system by adding the **Security Upgrade Kit** for full vehicle protection.

INCLUDED FREE!

3X Lock Start seamlessly integrates with the factory OEM remote



INCLUDES!

Smartphone Control via integrated Bluetooth®



T-HARNESS

Vehicle-specific solutions simplify and speed up installations

DS4V/DS4VP

Digital Remote Start Systems



UPGRADE

RF Kits offer a wide choice of control options



UPGRADE

Viper SmartStart provides ultimate control and GPS features with unlimited range.



UPGRADE

Directed DS4 Security Upgrade Kit



SECTION 2

BSA
CHOOSE YOUR CONTROL

DIRECTED.

Adding a Directed SmartStart module to any **DS4** System lets you start, control, and even locate your vehicle from virtually anywhere in the world with your smartphone or smart watch.



Directed SmartStart Service Plans cost as little as a premium cup of coffee! Visit www.mysmartstart.com for complete details.

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The **DS4** and Directed SmartStart Connection

The Ultimate in Vehicle Control.



VIPER SMARTSTART VSM450 GPS

VIPER SMARTSTART GPS

Features:

- Keyless Entry
- Control your car from virtually anywhere
- Free roadside assistance
- Engine runtime confirmation
- Runtime counter
- True 2-way confirmation
- Instant response to commands within Bluetooth® range

Location Services:



Safety Monitoring:



Applicable Smartphones:



VIPER SMARTSTART VSM350 GPS

VIPER SMARTSTART GPS

Features:

- Keyless Entry
- Control your car from virtually anywhere
- Free roadside assistance
- Engine runtime confirmation
- Runtime counter
- True 2-way confirmation
- Instant response to commands within Bluetooth® range

Location Services:



Safety Monitoring:



Applicable Smartphones:



Choose Your Control



DIRECTED. SMARTSTART DSM450 GPS

DIRECTED SMARTSTART GPS

Features:

- Keyless Entry
- Control your car from virtually anywhere
- Free roadside assistance
- Engine runtime confirmation
- Runtime counter
- True 2-way confirmation
- Instant response to commands within Bluetooth® range

Location Services:



Safety Monitoring:



Applicable Smartphones:



DIRECTED. SMARTSTART DSM350 GPS

DIRECTED SMARTSTART GPS

Features:

- Keyless Entry
- Control your car from virtually anywhere
- Free roadside assistance
- Engine runtime confirmation
- Runtime counter
- True 2-way confirmation
- Instant response to commands within Bluetooth® range

Location Services:



Safety Monitoring:



Applicable Smartphones:



**DIRECTED
SMARTSTART
IS ALSO
AVAILABLE
IN CANADA:**

DSMC450

DIRECTED SMARTSTART GPS

VIPER®

DS4-Compatible RF Kits

Includes:

1-Way Companion Remote

D2D Control Center



D9116V

VIPER RF KIT

1-button 1-way



D9146V

VIPER RF KIT

4-button 1-way



D9816V

VIPER RF KIT

1-button 2-way



D9656V

VIPER RF KIT

5-button 1-way



D9857V

VIPER RF KIT

5-button 2-way LED Rechargeable



D9756V

VIPER RF KIT

5-button 2-way LCD Rechargeable



NEW!

Introducing The First **Rechargeable 2-Way Long-Range LED Remote!**

- Never buy another battery again
- Fully charged in about an hour
- Charge lasts up to 6 months



Standard Micro-USB Charging Port

Choose Your Control

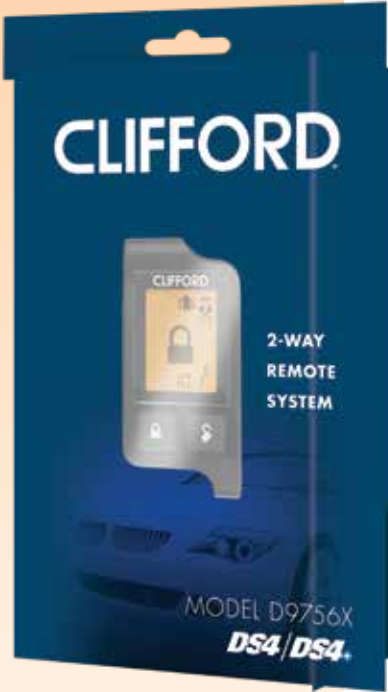
CLIFFORD

DS4-Compatible RF Kits

Includes:

1-Way Companion Remote

D2D Control Center



D9116X

CLIFFORD RF KIT

1-button 1-way



D9146X

CLIFFORD RF KIT

4-button 1-way



D9816X

CLIFFORD RF KIT

1-button 2-way



D9656X

CLIFFORD RF KIT

5-button 1-way



D9857X

CLIFFORD RF KIT

5-button 2-way LED
Rechargeable



Standard
Micro-USB
Charging Port

D9756X

CLIFFORD RF KIT

5-button 2-way LCD
Rechargeable



AstroStart

DS4-Compatible RF Kits

Includes:

1-Way Companion Remote

D2D Control Center



AF-RFD2611

ASTROSTART RF KIT

1-button 1-way



AF-RFD2621

ASTROSTART RF KIT

1-button 2-way



AF-RFD2615

ASTROSTART RF KIT

5-button 1-way



AF-RFD2625

ASTROSTART RF KIT

5-button LED 2-way



AF-RFD5325

ASTROSTART RF KIT

5-button 2-way LCD
Rechargeable



Choose Your Control

AUTOSTART

DS4-Compatible RF Kits

Includes:

1-Way Companion Remote

D2D Control Center



AS-RFD1110

AUTOSTART RF KIT

1-button 1-way



AS-RFD2110

AUTOSTART RF KIT

1-button 2-way



AS-RFD1554

AUTOSTART RF KIT

5-button 1-way



AS-RFD3520

AUTOSTART RF KIT

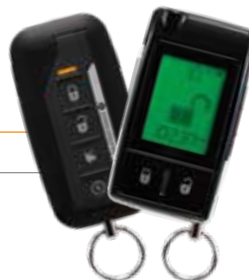
5-button 2-way LED



AS-RFD7506

AUTOSTART RF KIT

5-button 2-way LCD
Rechargeable



AUTOMATE

DS4-Compatible RF Kits

Includes:

1-Way Companion Remote

D2D Control Center



D9115A

AUTOMATE RF KIT

1-button 1-way



D9145A

AUTOMATE RF KIT

4-button 1-way



D9816A

AUTOMATE RF KIT

1-button 2-way



D9656A

AUTOMATE RF KIT

5-button 1-way



D9857A

AUTOMATE RF KIT

5-button 2-way LED Rechargeable

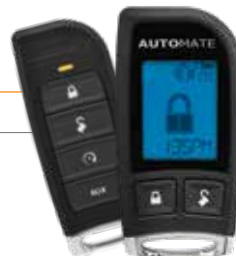


Standard Micro-USB Charging Port


D9756A

AUTOMATE RF KIT






5-button 2-way LCD Rechargeable







T-HARNESS SOLUTIONS

INTEGRATION HARNESS	VEHICLES SUPPORTED			PART NUMBER
Integration Harness for select Chrysler/Dodge/Ram/Jeep Tip Start Style vehicles from 2004+	Chrysler: 300/300C Town & Country	Dodge/Ram: 1500 2500 3500 C/V Caravan Challenger Challenger (Smart Key) Charger Durango Grand Caravan Journey Magnum RAM	Jeep: Commander Grand Cherokee Grand Cherokee (Smart Key) VW: Routan	THCHN1 
Integration Harness for select Chrysler/Dodge/Ram/Jeep MUX Key Style vehicles from 2006+	Chrysler: 200 Aspen Sebring Sebring Convertible Sebring Sedan	Dodge/Ram: Avenger Caliber Dakota Durango Nitro RAM	Jeep: Compass Liberty Patriot Wrangler Mitsubishi: Raider	THCHN2 
Integration Harness for select Chrysler/Dodge/Ram/Jeep Smart Key and Key Type vehicles from 2011+	Chrysler: 300/300C (Smart Key)	Dodge/Ram: 1500 2500 3500 1500 (Smart Key) 2500 (Smart Key) 3500 (Smart Key) Challenger (Smart Key) Charger (Smart Key) Dart Dart (Smart Key) Durango (Smart Key) Journey (Smart Key)	Jeep: Cherokee Cherokee (Smart Key) Grand Cherokee (Smart Key)	THCHN3 
Integration Harness for select Ford Key Type vehicles from 2009+	Ford: C-MAX Edge Edge (SA Key) Escape Escape Hybrid E-Series (SA) Explorer (SA) F150 (SA) F250 F250 (SA)	Ford Continued: F350 F350 (SA) F450 (SA) Flex Flex (SA) Focus Fusion (SA) Mustang (SA) Taurus (SA) Transit Connect		THFON1 
Integration Harness for select Ford/Lincoln (Smart Key) and Key Type Gateway vehicles from 2013+	Ford: Edge (Smart Key) Explorer (Smart Key) F150 F150 (Smart Key) F250 F250 (Smart Key) F350 F350 (Smart Key)	Ford Continued: Fusion Fusion (Smart Key) Fusion Hybrid Fusion Hybrid (Smart Key) Mustang (Smart Key)	Lincoln: M KC (Smart Key) MKX (Smart Key) MKZ (Smart Key) MKZ Hybrid (Smart Key)	THFON2 

T-Harness Solutions

INTEGRATION HARNESS	VEHICLES SUPPORTED			PART NUMBER
<p>Integration Harness for select General Motors Key Type vehicles from 2010+</p>	<p>Buick: Encore LaCrosse Regal Verano</p> <p>Chevrolet: Camaro Colorado Cruze Cruze Limited Equinox Impala</p>	<p>Chevrolet Continued: Malibu Malibu Limited Monte Carlo Orlando Silverado 1500 Silverado 2500/3500 Sonic Spark Suburban Tahoe Trax</p>	<p>GMC: Canyon Sierra 1500 Sierra 2500/3500 Terrian Yukon</p>	<p>THGMN1</p> 
<p>Integration Harness for select General Motors Key Type vehicles from 2006+</p>	<p>Buick: Enclave Lucerne</p> <p>Cadillac: CTS CTS Coupe CTS Wagon DTS Escalade SRX</p>	<p>Chevrolet: Avalanche Caprice Express Van Impala Impala Limited Monte Carlo Silverado 1500 Silverado 2500/3500 Suburban Tahoe Traverse</p>	<p>GMC: Arcadia Savana Sierra 1500 Sierra 2500/3500 Yukon</p> <p>Hummer: H2</p> <p>Pontiac: G8</p> <p>Saturn: Outlook VUE</p>	<p>THGMN2</p> 
<p>Integration Harness for select Acura/Honda Smart Key vehicles from 2014+</p>	<p>Acura: ILX (Smart Key) MDX (Smart Key) RDX (Smart Key) TLX (Smart Key)</p>	<p>Honda: Fit (Smart Key) HR-V (Smart Key) Odyssey (Smart Key)</p>		<p>THHON1</p> 
<p>Integration Harness for select Acura/Honda Smart Key vehicles from 2013+</p>	<p>Acura: RLX (Smart Key)</p>	<p>Honda: Accord (Smart Key) Accord Crosstour (Smart Key) Accord Hybrid (Smart Key) Civic (Smart Key) Civic Hybrid (Smart Key) CR-V (Smart Key)</p>		<p>THHON2</p> 
<p>Integration Harness for select Honda Key Type vehicles from 2012+</p>	<p>Honda: Accord Accord Crosstour Civic CR-V Fit HR-V</p>			<p>THHON3</p> 

INTEGRATION HARNESS	VEHICLES SUPPORTED		PART NUMBER
Integration Harness for select Acura/Honda vehicles from 2008+	Acura: TL TSX ZDX	Honda: Accord Accord Crosstour Odyssey Pilot	THHON4 
Integration Harness for select Acura/Honda vehicles from 2001+	Acura: EL MDX RL RSX TL TSX	Honda: Accord Accord Hybrid Civic Civic Hybrid CR-V Element Fit Odyssey Pilot Ridgeline	THHON5 
Integration Harness for select Acura/Honda vehicles from 2006+	Acura: CSX MDX RDX	Honda: Civic Civic Hybrid CR-V CR-Z Fit Insight	THHON6 
Integration Harness for select Mazda vehicles from 2013+	Mazda: 3 (Smart Key) 6 (Smart Key) CX-3 (Smart Key) CX-5 (Smart Key)		THMAN1 
Integration Harness for select Hyundai/Kia vehicles from 2010+	Hyundai: Accent Elantra Elantra Coupe Santa Fe Santa Fe Sport Sonata Genesis Coupe Tucson	Kia: Optima Sorento	THHYN3 

T-Harness Solutions

INTEGRATION HARNESS	VEHICLES SUPPORTED		PART NUMBER
Integration Harness for select Infiniti/Nissan vehicles from 2014+	Infiniti: EX35 (Smart Key) EX37 (Smart Key) FX35 (Smart Key) FX50 (Smart Key) G25 (Smart Key) G35 (Smart Key) G37 (Smart Key) M37 (Smart Key) M56 (Smart Key) QX56 (Smart Key) Q60 (Smart Key) Q70 (Smart Key) QX50 (Smart Key) QX70 (Smart Key) QX80 (Smart Key)	Nissan: 370Z (Smart Key) Altima (Smart Key) Altima Coupe (Smart Key) Armada (Smart Key) GT-R (Smart Key) Maxima (Smart Key) Murano (Smart Key) Cube (Smart Key) JUKE (Smart Key) LEAF (Smart Key) Quest (Smart Key) Sentra (Smart Key) Versa (Smart Key) Versa note (Smart Key)	THNIN3 
Integration Harness for select Infiniti/Nissan vehicles from 2007+	Infiniti: FX35 FX45 G35 G35 Coupe QX56 Nissan: Altima Armada Cube Frontier Juke Maxima	Nissan Continued: Micra NV NV200 Pathfinder Quest Rogue Sentra Titan Versa Versa Note Xterra X-Trail	THNIN4 
Integration Harness for select Scion/Toyota (H) Key Type vehicles from 2011+	Scion: IM (H Key)	Toyota: Corolla (H Key) Highlander (H Key) Prius c (H Key) RAV4 (H Key) Tacoma (H Key) CH-R (H Key)	THTON3 
Integration Harness for select Scion/Toyota Key (G) Type vehicles from 2011+	Scion: xD	Toyota: Camry (H Key) Highlander (G Key) Highlander Hybrid (G Key) Prius c (G Key) Prius c (H Key) Sequoia (G Key) Sequoia (H Key) Yaris Hatchback (H Key) Yaris (G Key)	THTON4 
Integration Harness for select Scion/Toyota (G & H) Key Type vehicles from 2010+	Scion: iQ tC xB	Toyota: 4Runner (G Key) Corolla (G Key) Matrix(G Key) RAV4 (G Key) Sienna (G Key) Sienna (H Key) Venza (G Key)	THTON5 

VIPER

CLIFFORD

AstroStart

AUTOSTART

AUTOMATE

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Online Technical Support • **www.directechs.com**