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**Document ID:** IK0800351

**Availability:** ISIS, Bus ISIS, FleetISIS, Body Builder, IsSIR **Revision:** 13

**Major System:** ELECTRICAL SYSTEM **Created:** 3/6/2012

**Current Language:** English **Last Modified:** 6/26/2019

**Other Languages:** NONE **Author:** Charles Schroeder

**Viewed:** 11225

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Coding Information

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**Title: J1939 Data Link Source Address Information**

**Applies To: All Vehicles**

## Change Log

Dealers: Please refer to the change log text box below for recent changes to this article:

06/26/2019 - Added SA 160

04/02/2018 - Added SA 76

06/28/2017 - Added Feature 0508096 for Non Multiplexed vehicles.

04/20/2017 - Added SA 41 and SA 17.

01/09/2017 - Added additional source addresses for 500k Phase 2 vehicles.

## Electrical Architecture Feature Codes

The feature code can be found in Vehicle Information - Components tab. [Click Here](#) to enter a chassis number.

Electrical Architecture	Feature Code - Description	Chassis Type
500k Phase 2	0508097 - ELEC SYS MUX COMMON ARCHITECTURE for Electrical Common Architecture System	Example: LT, RH, HV, MV (All Have Green Diagnostic Connector)
500k Non Multiplex	0508096 - ELECTRICAL SYSTEM VCM FUNCTIONS NON-MUX for Vehicle Control Module Functions, for Non-Multiplexed Vehicles	Example: HX, PayStar, 9900 (With Green Diagnostic Connector)
500k Phase 1	0508095 - ELECTRICAL SYSTEM ENHANCED VCM FUNCTIONS for VCM Enhanced Functions	Example: ProStar, WorkStar, DuraStar, CE Bus (With Green Diagnostic Connector)
250k	0508051 - ELECTRICAL SYSTEM MUX FOR BC PROG ONLY for Body Controller (BC PROG) only	Example: ProStar, WorkStar, DuraStar, CE Bus (With Black Diagnostic Connector)

## J1939 Source Address Information

Source Address (SA)	Module Name	Notes	Related iKNOW
00	Engine ECM		
03	TCM		
05	Transmission Shift Selector		
11	ABS ECU		
15	Retarder	ECM Generated. There is no physical module present, the ECM is broadcasting this source address	

17	Cruise Control	PCC - Predictive Cruise Control	
23	Electronic Gauge Cluster (EGC)		
25	Front HVAC Control Head		
28	Compass	This module will intermittently display on a data link sniffer. The source address number flashing off and on is normal.	
33	Body Controller / ESC	MSM on PayStar and RE/FE Bus	
40	VID - DID	Vehicle Information Display / Driver Information Display	<a href="#">IK0800208</a>
41	Retarder, Exhaust, Engine #1	ECM Generated	
42	Headway Controller	Collision Mitigation System (Bendix Wingman / Wabco OnGuard) Forward Facing Radar	<a href="#">IK0400080</a> - Bendix <a href="#">IK1300094</a> - Wabco
51	Tire Pressure Monitor System (TPMS)	SmarTire	<a href="#">IK0400080</a>
55	Lighting Control Module (LCM)	Used on 500k Phase 2 only	
58	Rear HVAC	Standard or No-Idle System. This module is on the Private BodyBuilder data link. However, you may see fault codes from this source address in the Body Controller This module moved to the 250k Public data link on 500k Phase 2 vehicles	
61	Exhaust Emissions Controller	DCU - Doser Control Unit	
74	Telematics		
76	Radio		<a href="#">IK0800475</a>
85			

	Aftertreatment Control Module (ACM)		
132	Auxillary Gauge Switch Pack (AGSP3)	Mounted at top right of center panel. Most switches in the center panel will use J1708 data link. However the AGSP uses J1939	
139	Iteris		<a href="#">IK0400080</a>
142	Qualcomm / People Net Translator Box		<a href="#">IK0800310</a>
150	Stand Alone Real Time Clock (SART)		<a href="#">IK0800364</a>
151	Center Panel MUX Switch Pack #1	Used on 500k Phase 2 only (Private J1939 125k Baud)	
152	Center Panel MUX Switch Pack #2	Used on 500k Phase 2 only (Private J1939 125k Baud)	
153	Center Panel MUX Switch Pack #3	Used on 500k Phase 2 only (Private J1939 125k Baud)	
154	Center Panel MUX Switch Pack #4	Used on 500k Phase 2 only (Private J1939 125k Baud)	
155	Center Panel MUX Switch Pack #5	Used on 500k Phase 2 only (Private J1939 125k Baud)	
160	Wabco OnGuard Radar	Collison Mitigation System	
167	Secondary Instrument Cluster (SIC)	Mounted above center panel	
172	Offboard Diagnostics	EzTech Laptop	
209	Safety Direct Processor (SDP) Module	Part of Bendix Fusion System. Located in headliner above the windshield camera	
232	PAM Module or Lane Departure Warning (LDW) Module		
232			

	Lane Departure Warning (LDW) Camera *With Fusion		
233	Left Rear Door Pod	Used on 500k Phase 2 only (Private J1939 125k Baud)	
234	Right Rear Door Pod	Used on 500k Phase 2 only (Private J1939 125k Baud)	
236	Driver Front Door Pod	Used on 500k Phase 2 only (Private J1939 125k Baud)	
237	Passenger Front Door Pod	Used on 500k Phase 2 only (Private J1939 125k Baud)	
239	Hybrid System		
249	Service Tool	EzTech Laptop	
254 / 255	Source Address Request		

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**Feedback Information**

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