

# Investor Relations Presentation

## Third Quarter 2015 (Published Nov 9, 2015)



# Safe Harbor Statement

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The following information contains, or may be deemed to contain, “forward-looking statements” (as defined in the U.S. Private Securities Litigation Reform Act of 1995). The words “believe,” “expect,” “anticipate,” “intend,” “estimate” and other expressions that are predictions of or indicate future events and trends and that do not relate to historical matters identify forward-looking statements. You should not place undue reliance on these forward-looking statements. Although forward-looking statements reflect management’s good faith beliefs, reliance should not be placed on forward-looking statements because they involve known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements to differ materially from anticipated future results, performance or achievements expressed or implied by such forward-looking statements. Forward-looking statements speak only as of the date the statements are made. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, changed circumstances or otherwise. These forward-looking statements are subject to numerous risks and uncertainties, including, but not limited to: our participation in markets that are competitive; the highly cyclical industries in which certain of our end users operate; the failure of markets outside North America to increase adoption of fully-automatic transmissions; risks related to our substantial indebtedness; the concentration of our net sales in our top five customers and the loss of any one of these; future reductions or changes in government subsidies and other external factors impacting demand for hybrid vehicles; U.S. defense spending; general economic and industry conditions; the discovery of defects in our products, resulting in delays in new model launches, recall campaigns and/or increased warranty costs and reduction in future sales or damage to our brand and reputation; our ability to prepare for, respond to and successfully achieve our objectives relating to technological and market developments and changing customer needs; risks associated with our international operations; and labor strikes, work stoppages or similar labor disputes, which could significantly disrupt our operations or those of our principal customers.

Allison Transmission cannot assure you that the assumptions made in preparing any of the forward-looking statements will prove accurate or that any long-term financial goals will be realized. All forward-looking statements included in this presentation speak only as of the date made, and Allison Transmission undertakes no obligation to update or revise publicly any such forward-looking statements, whether as a result of new information, future events, or otherwise. In particular, Allison Transmission cautions you not to place undue weight on certain forward-looking statements pertaining to potential growth opportunities, long-term financial goals or the value we currently ascribe to certain tax attributes set forth herein. Actual results may vary significantly from these statements.

Allison Transmission’s business is subject to numerous risks and uncertainties, which may cause future results of operations to vary significantly from those presented herein. Important factors that could cause actual results to differ materially are discussed in Allison Transmission’s Annual Report on Form 10-K for the year ended December 31, 2014.

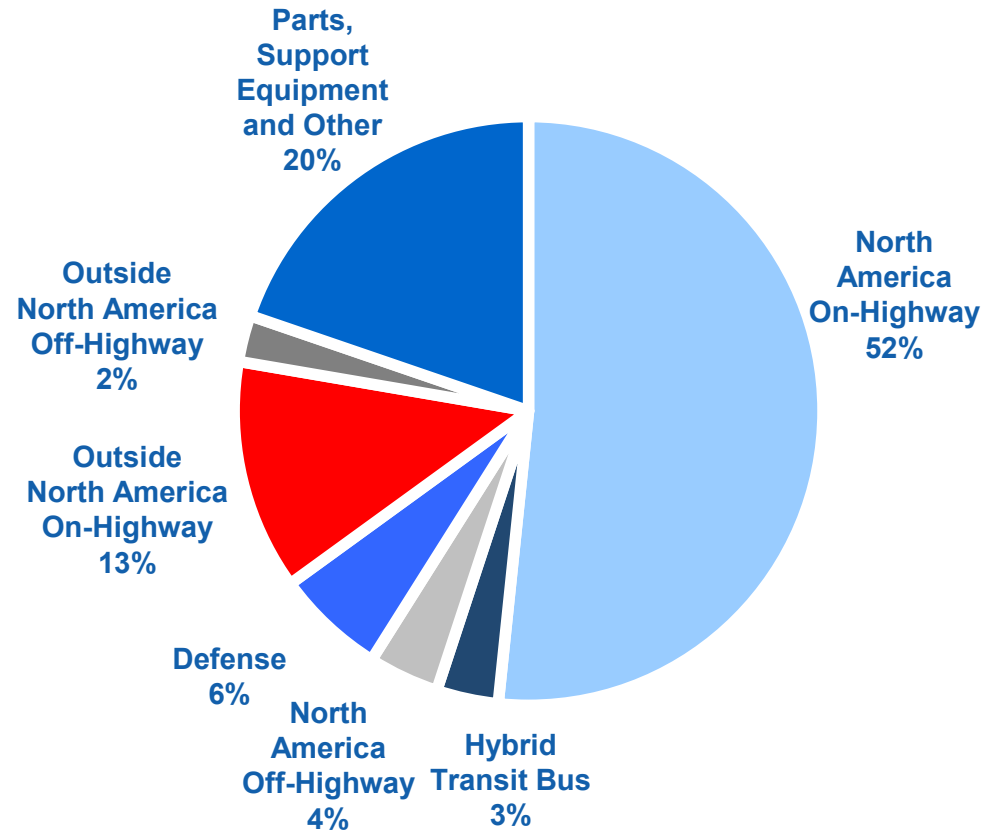
# Business Overview



# Allison Transmission at a Glance

- **World's largest manufacturer of fully-automatic transmissions for medium- and heavy-duty commercial vehicles**
  - 63% global market share of fully-automatic transmissions
  - Virtually no exposure to Class 8 line-haul tractors
- **Allison is the premier fully-automatic transmission brand**
  - Premium price component frequently specified by end users
  - Differentiated technology
- **Well positioned for revenue and earnings growth**
  - Further adoption outside North America
  - Expanding addressable market
  - Funded growth opportunities in asset light business model

LTM<sup>(1)</sup> Net Sales by End Market



LTM<sup>(1)</sup> Net Sales: \$2.1 billion

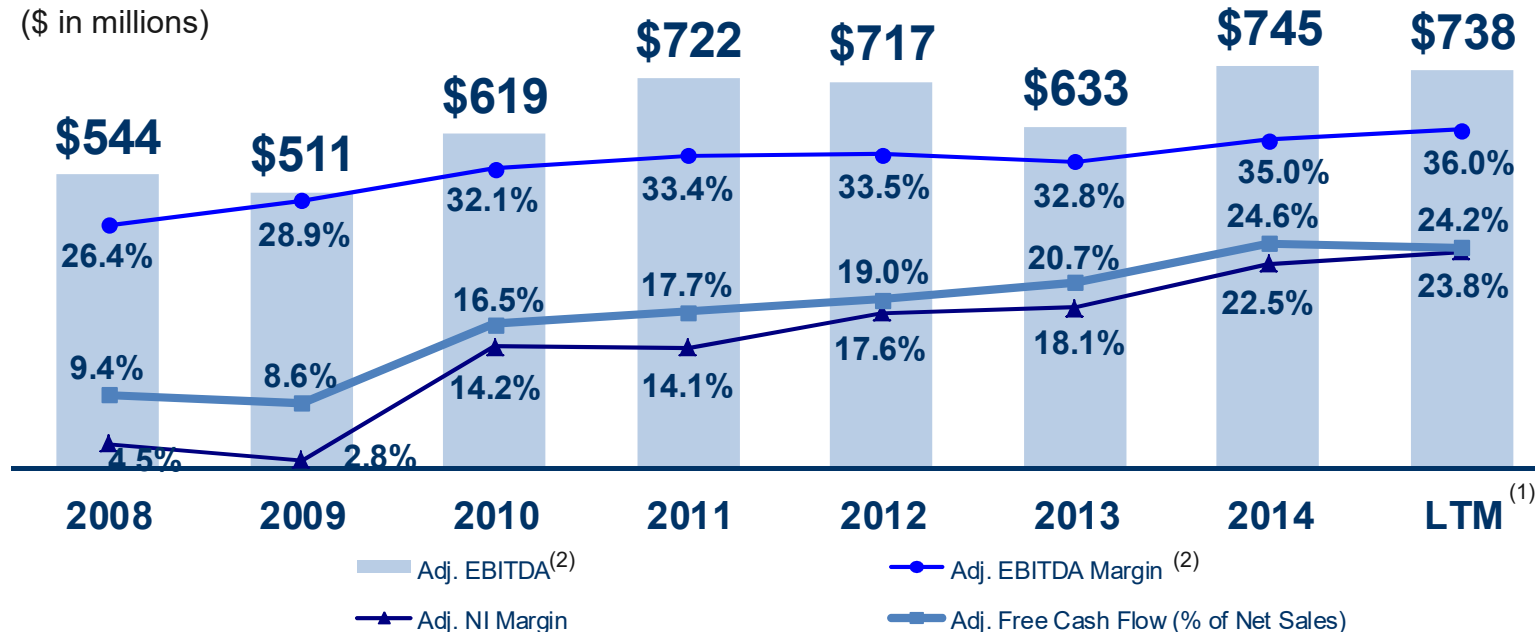
(1) LTM 9/30/15.



# Allison Key Financial Highlights

## Strong Financial Profile

(\$ in millions)



- Strong, sustainable operating margins
- Low capital expenditure requirements
- Minimal cash income taxes / valuable U.S. tax shield (\$0.7-\$0.8bn present value)
- Positioned for long-term cash earnings growth
- LTM Adjusted Free Cash Flow of \$2.84 per diluted share<sup>(3)</sup>

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) LTM 9/30/15.

(2) Adjusted EBITDA and Adjusted EBITDA Margin excluding technology-related license expenses: 2009 of \$10 million, 2010 of \$2 million, 2011 of \$10 million, 2012 of \$12 million, 2013 of \$6 million, 2014 of \$6 million and LTM 9/30/15 of \$3 million.

(3) LTM 9/30/15 Adjusted Free Cash Flow per diluted share calculated based on diluted weighted average shares of common stock outstanding for the three months ended 9/30/15.

# Allison Is a Premier Industrial Asset

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**Global Market Leader**



**Premier Brand and End User Value Proposition**



**Technology Leadership - The Allison Advantage**



**Diverse End Markets with Long-Standing OEM Customer Relationships**



**Strong Cash Flow Generation with Well-Defined Capital Allocation Policy**



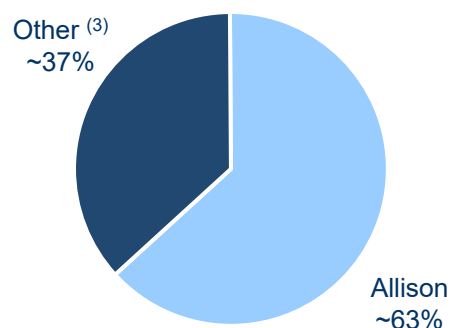
**Multiple Organic Growth Opportunities in Asset Light Business Model**



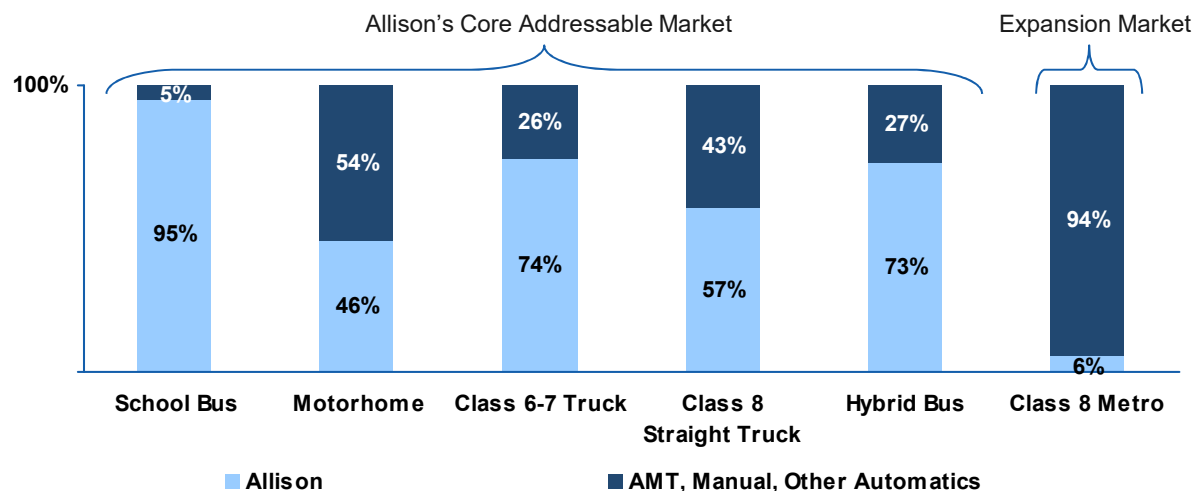
**Experienced Management Team**

# Global Market Leader

Global On-Highway Fully-Automatic Share<sup>(1)</sup>



North American Market Share<sup>(1)(2)</sup>



- The “de facto” standard in medium- and heavy-duty applications
  - Well established as standard in North America
- Increasing presence in emerging markets which today are predominantly manual
- Virtually no exposure to more cyclical Class 8 line-haul tractors

(1) 2014 Units. Source: Allison and ACT Research.

(2) 2014 Net Sales by Class: School Bus \$108M, Motorhome \$51M, Class 6-7 Truck \$307M, Class 8 Straight Truck \$399M and Hybrid Bus \$93M

(3) Majority of “Other” volume is in North American Class 4-5 truck and European bus.



# Allison Is a Recognized and Respected Brand

- **The Allison brand is associated with:**
  - High Quality
  - Reliability
  - Durability
  - Vocational Value and Expertise
  - Technological Leadership
  - Superior Customer Service
  - Attractive Total Lifecycle Value
- **100 year history of providing high-quality innovative products and demonstrated value to end users**



**FUELSense**

**UP TO 20%  
BETTER FUEL ECONOMY**

The Savings Are Automatic

Discover fuel economy you never thought possible. Introducing FuelSense® from Allison Transmission. Your fleet and drivers can get up to 20% better fuel economy. All with the ease and dependability you expect from an Allison fully automatic transmission.

Specify FuelSense. This package delivers.

Ask your truck dealer about FuelSense.  
[allisontransmission.com/fuelsense](http://allisontransmission.com/fuelsense)

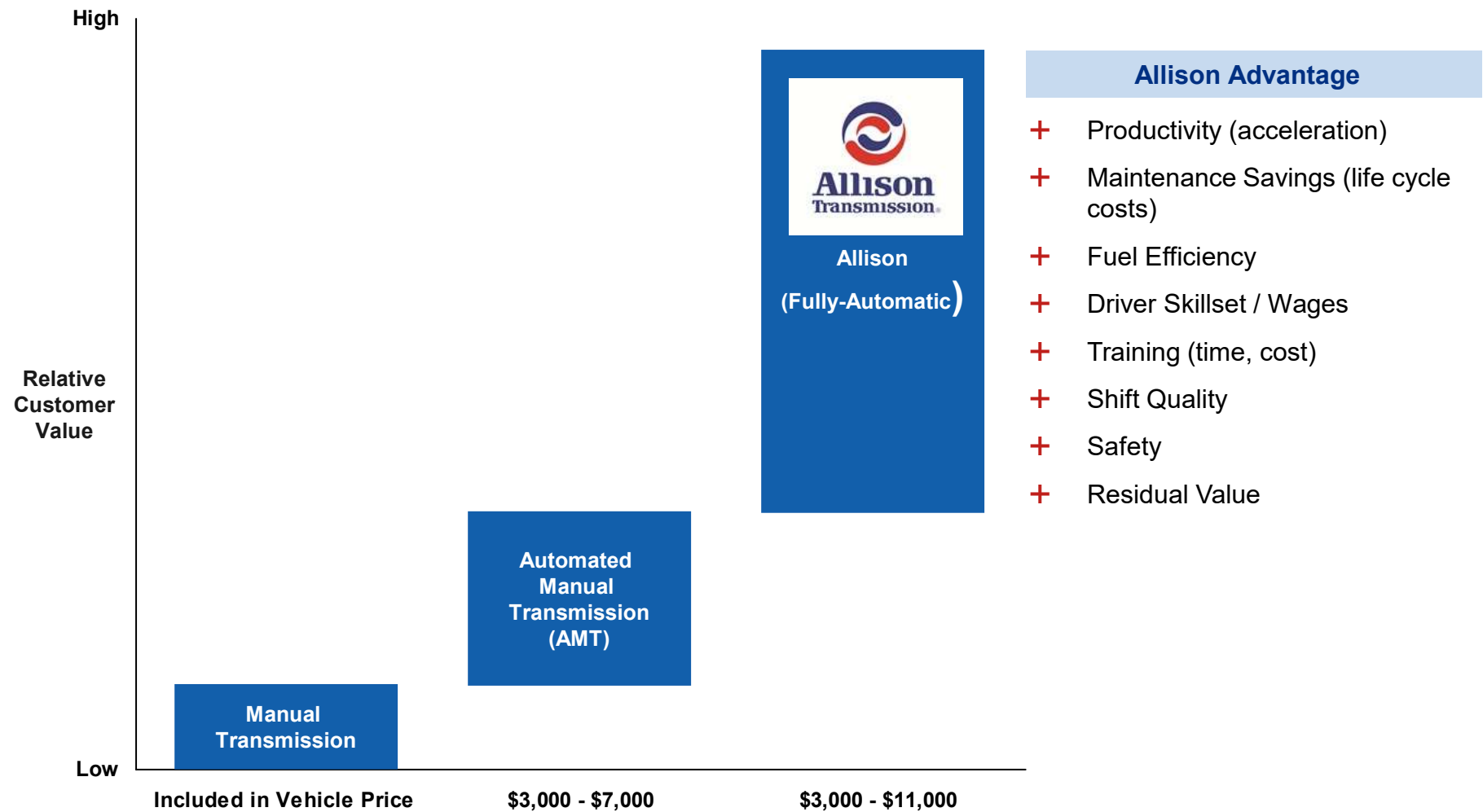
**Allison  
Transmission.**

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*End Users Frequently Request Allison Transmissions by Name and Pay a Premium for Them*



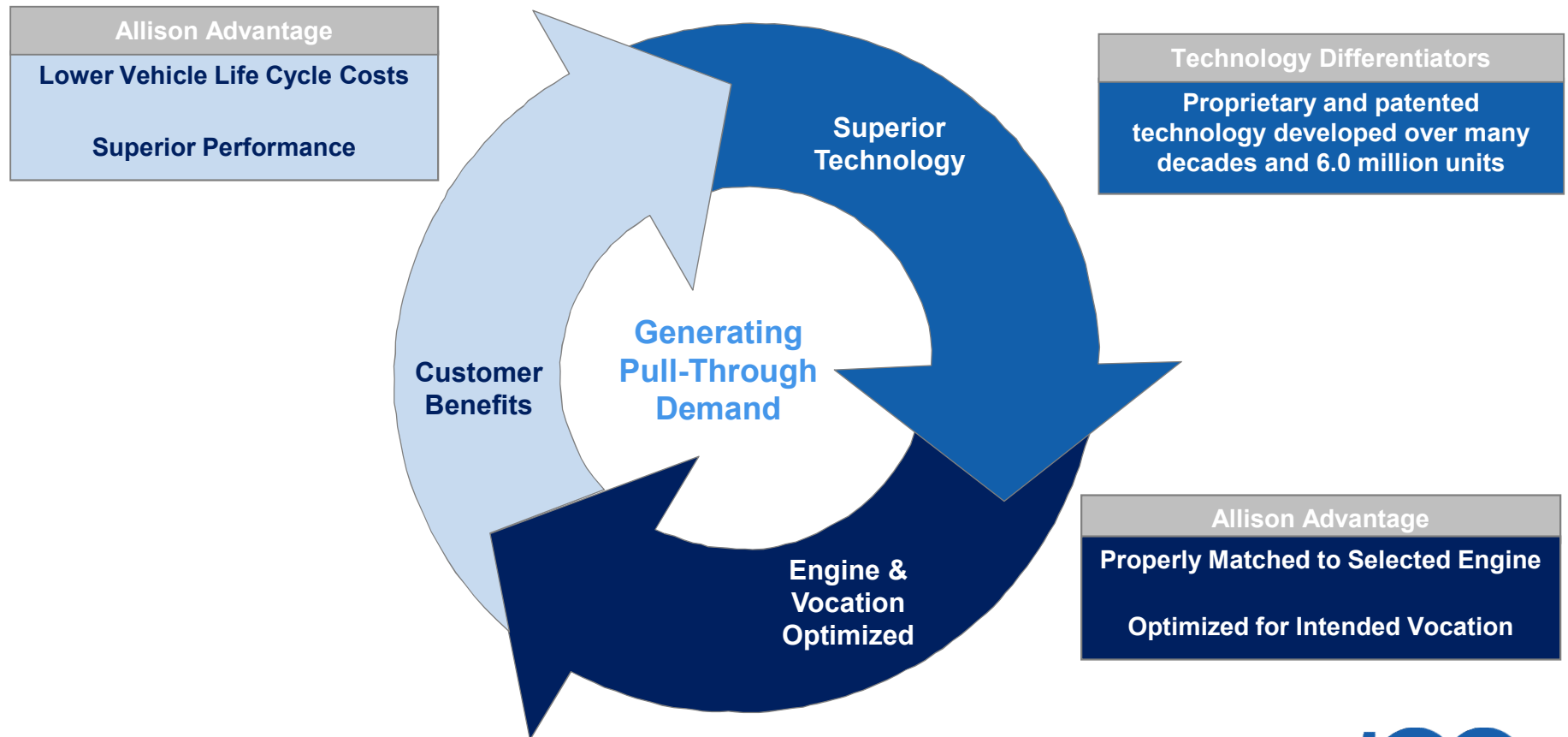
# End User Value Proposition



*End Users are Willing to Pay a Premium Price for Allison*

# Technology Leadership – The Allison Advantage

*Allison transmissions employ complex software algorithms that are individually tailored to maximize end user performance in thousands of vocational duty cycles*



# End Market & Vocation Overview

## Global On-Highway

### Sample Vocations

Distribution



### Select End Users



Emergency Vehicle



Motorhome



Rugged Duty



School Bus / Shuttle Bus



Transit Bus



## Global Off-Highway



### Select End Users



## Defense



### Select End Users



## North America Hybrid Transit Bus

Allison Hybrid



### Select End Users



## Parts, Support Equipment and Other



# OEMs Rely on Allison for Fully-Automatic Transmissions

North America	On-Highway	        
	Hybrid Transit Bus	     
	Off-Highway	    
Outside North America	On-Highway	              
	Off-Highway	       
Defense	Medium- and Heavy-Tactical	    

Over 45 Year Relationship with Many Industry-Leading OEMs



# Premier Industrial Asset Financial Profile

	2008	Today 2015 <sup>(1)</sup>	△	
Net Sales	\$2,061mm	\$2,052mm	(0.5%)	Significant improvement in Adjusted EBITDA, Adjusted EBITDA margin and Adjusted Net Income
Adj. EBITDA	\$544mm	\$738mm	+35.7%	
% Margin	26.4%	36.0%	+960bps	
Adj. Net Income	\$93mm	\$488mm	+426.1%	
Employees	3,300	2,700	(18.2%)	2009 Hourly buyout plan reduced headcount by ~25%, positioning the company to replace Tier I with Multi-Tier workers and realize operating leverage
UAW Contract	Part of GM	Allison Only		
UAW Wage Structure	Single-Tier	Multi-Tier		
Technology Focus	Enhance Existing Products	New, More Fuel Efficient Technologies		Investing in the development of next generation technologies

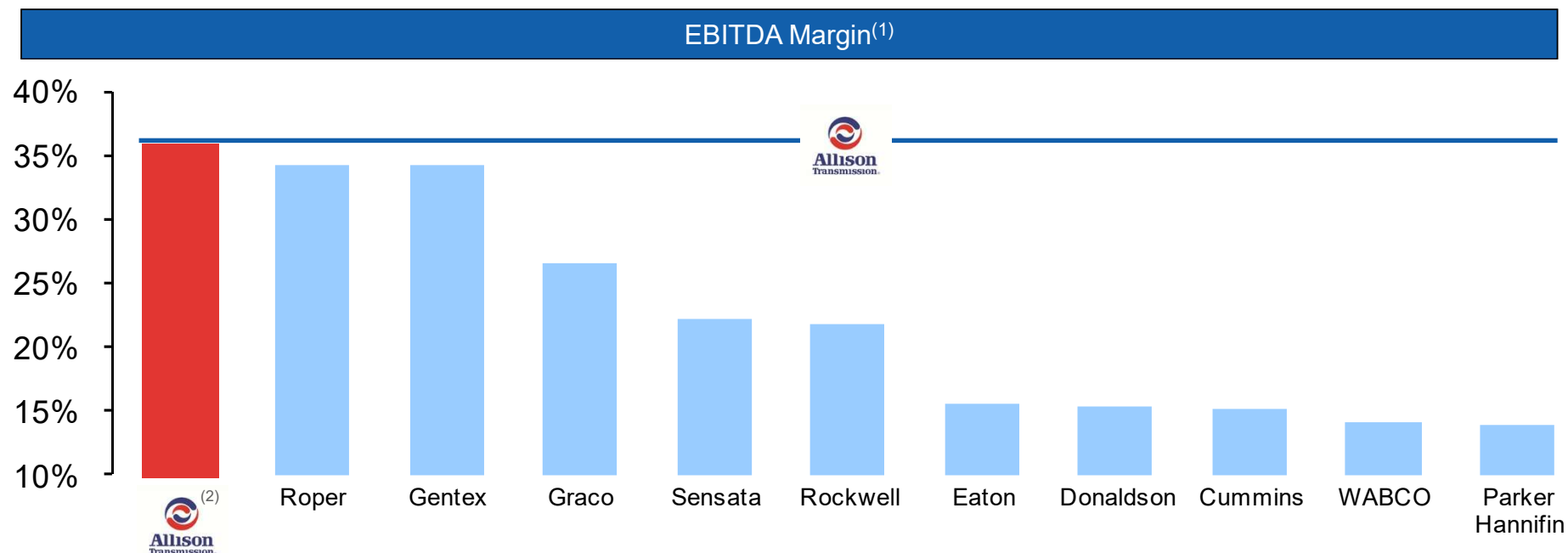
**Net Debt Reduction of More Than \$1.94<sup>(2)</sup> Billion Since Acquisition in August 2007**

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) LTM 9/30/15 Adjusted EBITDA and Adjusted EBITDA Margin excluding technology-related license expenses of \$3 million.

(2) Represents Net Debt reduction through 9/30/15.

# Premier Industrial Asset



(1) The LTM period and LTM EBITDA, which excludes non-recurring or one-time items as designated by each entity, are based on information available in the entity's most recent quarterly or annual report as of 11/02/2015. EBITDA included above may not be consistent with such entity's reported EBITDA or Adjusted EBITDA, if available.

(2) Represents Adjusted LTM EBITDA excluding technology-related license expenses.

See appendix for comments regarding the presentation of non-GAAP financial information.

# Multiple Organic Growth Opportunities

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**Benefit from Developed Markets Recovery**



**Increase Penetration of Fully Automatic Transmissions**



**Accelerate Adoption in Emerging Markets**



**Capitalize on Rising Demand for Energy and Commodities**



**Continue New Technology and Product Development**



**Increase Share in Underserved Markets**



# North America On-Highway Addressable Market

- Growth opportunity driven by continued cyclical recovery in core North American market (~52% of LTM<sup>(1)</sup> total sales)

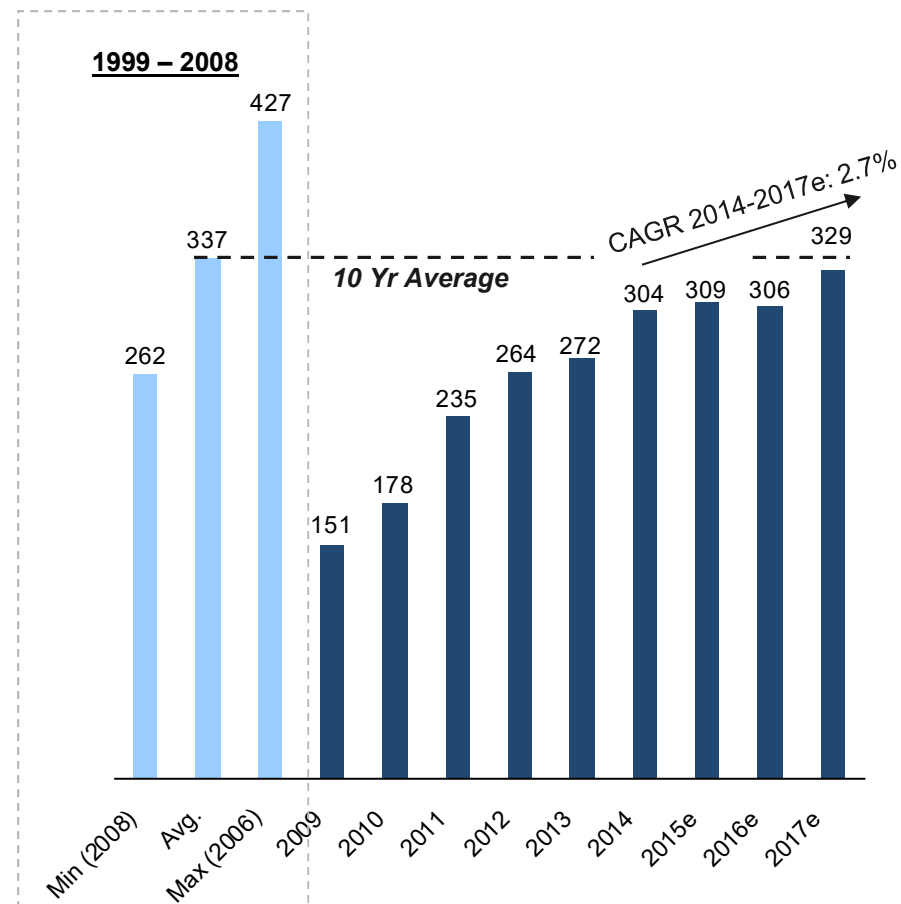
- Production has rebounded from cyclical lows with further growth fueled by pick-up in economic activity

- Housing recovery and increased construction activity drives greater demand for medium and heavy duty trucks
- Lack of EPA emission changes reduces cyclicality

- Allison's growth is also supported by

- Pent up demand from deferred purchases
- Continued demand for fuel efficient vehicles

North America Production in Allison's Core Addressable Market (units in 000s)<sup>(2)</sup>



(1) LTM 9/30/15.

(2) Source: ACT Research, October 2015. Includes: Class 4 thru 8 less Class 8 Tractor & Class 8 Straight with Sleeper. 2015e: Total 562,196 less Class 8 Tractor of 251,873 less Class 8 Straight with Sleeper of 1,652.

# Increased Penetration of Fully – Automatic Transmissions

- **Ongoing need for productivity improvements**
  - Better acceleration and trip times allow increased miles and revenue
  - Improved fuel efficiency as a function of work performed
  - More vehicle uptime
- **Focus on reducing life-cycle costs**
  - Lower maintenance expense
  - Improved fuel efficiency
  - Increased vehicle residual value
- **Micro / demographic trends**
  - Easier to operate; increases pool of qualified drivers
  - Less driver training and turnover
  - Safety factors

Source: Allison.

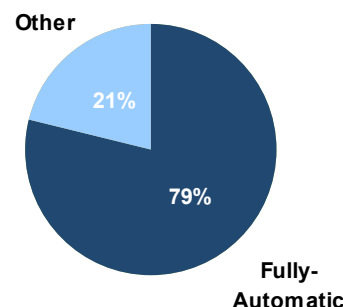
(1) Includes Class 4-7 trucks, Class 8 straight trucks, buses (school, conventional transit, shuttle and coach) and motorhomes.

(2) Includes medium- and heavy-duty commercial vehicles.

(3) 2014 Outside-North America On-Highway Transmission Net Sales by Region: EMEA \$125M, Asia Pacific-China \$76M, Asia Pacific-Japan \$38M, South America \$23M, and India \$2M

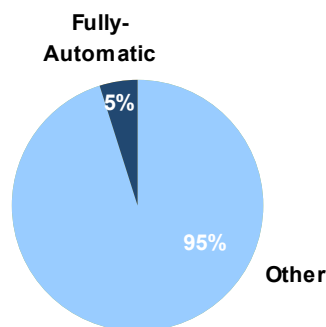
## Global Penetration of Fully-Automatic Transmissions

### North America On-Highway<sup>(1)</sup>



- Since our first transmission over 60yrs ago, we have driven the trend towards increasing automaticity by targeting a diverse range of commercial vehicle vocations

### Outside-North America On-Highway<sup>(2)(3)</sup>



- Low penetration in markets outside North America presents a significant growth opportunity

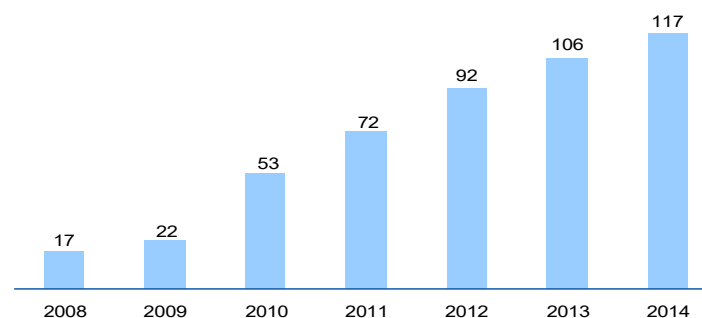
# Increasing Adoption in Emerging Markets – China Case Study

- **Allison is the #1 supplier of fully-automatic transmissions in China as a result of targeting specific vocations**
  - Substantial installed base of over 60,000 transmissions in China
  - Secular growth due to low penetration
- **Allison's existing bus presence serves as entry point for incremental penetration**
- **Significant growth opportunities by targeting a wide range of vocational applications**
  - Government emphasis on equipment modernization for mining, rescue operations, school buses and other applications
  - Construction and oil field sector

## Allison's China Truck Vocational Focus



## Allison's Cumulative China Truck OEM Releases<sup>(1)</sup>



(1) Source: Allison.

# Global Off-Highway Growth Opportunities

## • Energy Sectors

- Considerable end market cyclical, currently at trough levels
- Multiple opportunities in exploration, fracturing and oil and gas support
  - Introduction of new high horsepower hydraulic fracturing transmissions
- 5% of LTM total sales<sup>(1)(2)</sup>



## • Mining and Construction

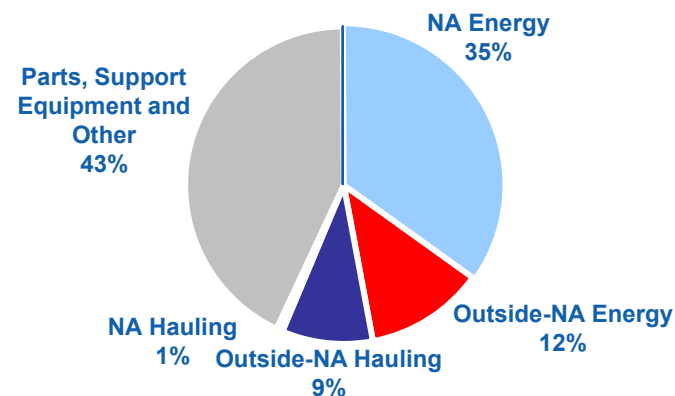
- NA, Europe, Middle East, Africa and China
- Increasing global demand for commodities
- Increasing urbanization in emerging markets
- 1% of LTM total sales<sup>(1)(2)</sup>



(1) LTM 9/30/15.

(2) Excluding replacement parts and support equipment.

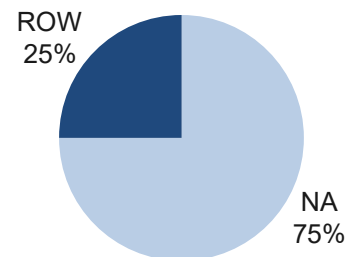
## LTM<sup>(1)</sup> Allison Global Off-Highway Sales



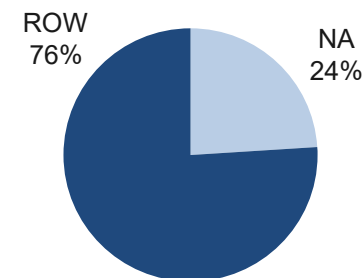
LTM<sup>(1)</sup> Global Off-Highway Sales: \$222 million (11% of total sales)

## Hydraulic Fracturing Activity

### Current Activity<sup>(3)</sup>



### Total Recoverable Shale Gas<sup>(4)</sup>



(3) Source: PacWest Consulting Partners Pumping IQ, November 2014.

(4) Source: U.S. Energy Information Administration, June 2013.



# New Product and Technology Development

## Fuel Economy – FuelSense®

- New on-highway product features that automatically adapt shift schedules and torque, maximizing transmission efficiency based on load, grade and duty cycle, without sacrificing Allison advantages – superior performance and Continuous Power Technology™
  - Enabled by 5th Generation Electronic Controls: improve fuel economy in any application, acceleration management, precision inclinometer, advanced diagnostic and prognostic displays
- FuelSense is available in three unique packages: FuelSense, FuelSense Plus™ and FuelSense Max™
  - All major North American and European truck OEMs offering Allison having released FuelSense

## Fuel Economy – xFE Models

- xFE models are new transmissions with the same space claim and ratings as current models, but incorporate optimized gear ratios coupled with FuelSense Max™ packages
- Represent the latest innovative, fuel saving ideas designed to deliver significantly more torque converter lock-up operation and spend more time in higher ranges at lower engine speeds, producing fuel savings of up to 7% over comparatively equipped models with FuelSense features

FuelSense is a registered trademark of Allison Transmission Inc.

**Average Annual Spend over \$110 Million in Product-Related Research and Development Since Acquisition in August 2007**

## High Horsepower Hydraulic Fracturing Transmissions

- New 9826 and 9832 Oil Field Series (OFS) models based on six decades of industry expertise
- Addresses global market demand for higher horsepower, extended duty cycles, lower days-to-depth, higher recovery factors
- Also announced enhancements to existing 9800 OFS models









## Class 8 Metro

- Ten-speed fully-automatic transmission targeted at Class 8 tractors primarily serving urban markets
  - Addressable market size of ~60k units
  - Historically a “manual” market underserved by Allison’s fully-automatic product portfolio
- Available at Navistar; initial deliveries second quarter 2014

**TC10**



# Allison Transmission at a Glance

North America								
	Class 1-3	Underserved Class 4-5	Core Addressable Market				Underserved Class 8 Metro	Class 8 Tractor
Vehicles								
Weight (000s of lbs)	< 14 lbs	14 – 19 lbs	16 – 33 lbs	16 – 33 lbs	19 – 33 lbs	33 lbs+	33 lbs+	33 lbs+
2014 Industry Units Produced	6,629,258	76,430	16,960	33,013	97,421	75,422	70,037	150,661
2014 Allison Share	0%	5%	46%	95%	74%	57%	6%	0%

- Historically, this market had been dominated by Ford and GM who offered their own light-duty/uprated automotive transmissions
- GM exited Medium-Duty truck market in 2009

- “Metro” is a term for tractors that are used primarily in urban environments, which represent ~30% of the Class 8 tractor market between 1998 and 2014; target market for the TC10 transmission

Note: Analysis excludes Allison's Transit/Coach Bus and Hybrid Transit Bus end markets.

Source: Class1-3 from Wards 2014 Factory Sales North America; Core Addressable Market and Class 8 Tractor from Allison and ACT Research.



# Financial Overview





# Allison Financial Highlights

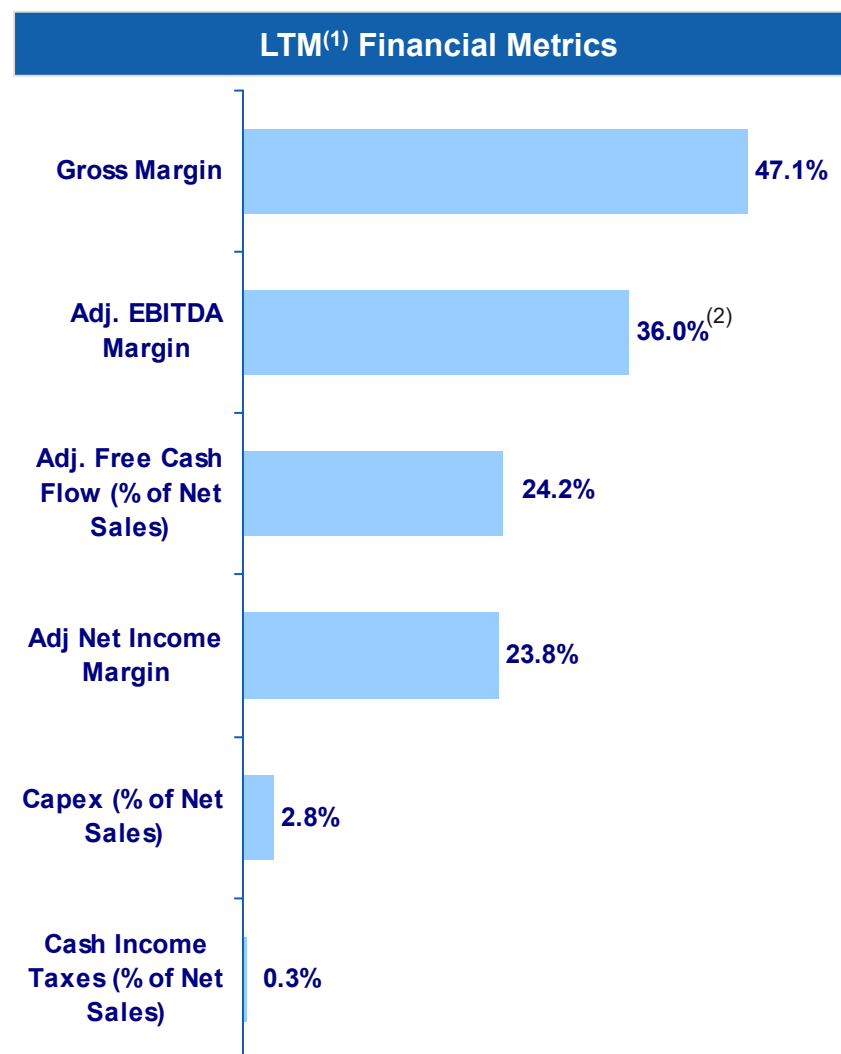
- **Sustainable operating margins with further enhancement opportunities**
  - End markets diversity
  - Premium vocational pricing model
  - Cost controls and productivity improvements
  - Multi-Tier UAW wage and benefits structure
- **Low capital expenditure requirements**
- **Minimal cash income taxes / valuable U.S. tax shield (\$0.7-\$0.8bn present value)**
- **Positioned for long-term cash earnings growth**
  - Multiple growth opportunities in asset light business model
  - De-leveraging
- **Strong free cash flow (LTM Adjusted Free Cash Flow of \$2.84 per diluted share<sup>(3)</sup>) supports \$0.15 per share quarterly dividend, up from \$0.06 per share at time of March 2012 IPO**

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) LTM 9/30/15.

(2) Excluding technology-related license expenses of \$3 million.

(3) LTM 9/30/15 Adjusted Free Cash Flow per diluted share calculated based on diluted weighted average shares of common stock outstanding for the three months ended 9/30/15.



# Allison Quarterly Sales Summary

Quarterly Net Sales by End Market (\$ millions)															
<u>Net Sales</u>	2012				2013				2014				2015		
	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>
NA On-Highway	\$219	\$217	\$189	\$188	\$188	\$216	\$212	\$210	\$233	\$243	\$256	\$256	\$268	\$277	\$262
NA Hybrid Transit Bus	35	18	30	32	31	27	15	32	24	28	23	17	18	20	12
NA Off-Highway	74	44	22	17	8	8	9	14	12	23	30	36	22	10	12
Defense	77	80	74	74	57	58	52	35	34	49	35	38	25	29	34
ONA On-Highway	66	78	73	73	62	75	70	86	64	62	73	65	57	73	67
ONA Off-Highway	32	30	22	30	21	36	16	14	21	24	18	19	16	8	4
Parts, Support Equipment & Other	99	92	84	73	90	92	92	100	106	107	118	113	98	94	102
<b>Total Net Sales</b>	<b>\$602</b>	<b>\$559</b>	<b>\$494</b>	<b>\$487</b>	<b>\$457</b>	<b>\$512</b>	<b>\$466</b>	<b>\$491</b>	<b>\$494</b>	<b>\$536</b>	<b>\$553</b>	<b>\$544</b>	<b>\$504</b>	<b>\$511</b>	<b>\$493</b>
<u>Variance - Year over Year</u>	2012				2013				2014				2015		
	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>
NA On-Highway	\$55	\$28	(\$10)	\$13	(\$31)	(\$1)	\$23	\$22	\$45	\$27	\$44	\$46	\$35	\$34	\$6
NA Hybrid Transit Bus	(4)	(22)	2	5	(4)	9	(15)	0	(7)	1	8	(15)	(6)	(8)	(11)
NA Off-Highway	10	(26)	(54)	(53)	(66)	(36)	(13)	(3)	4	15	21	22	10	(13)	(18)
Defense	(7)	11	(7)	4	(20)	(22)	(22)	(39)	(23)	(9)	(17)	3	(9)	(20)	(1)
ONA On-Highway	9	1	0	3	(4)	(3)	(3)	13	2	(13)	3	(21)	(7)	11	(6)
ONA Off-Highway	9	9	(2)	11	(11)	6	(6)	(16)	0	(12)	2	5	(5)	(16)	(14)
Parts, Support Equipment & Other	13	2	(9)	(12)	(9)	0	8	27	16	15	26	13	(8)	(13)	(16)
<b>Total Net Sales</b>	<b>\$85</b>	<b>\$3</b>	<b>(\$80)</b>	<b>(\$29)</b>	<b>(\$145)</b>	<b>(\$47)</b>	<b>(\$28)</b>	<b>\$4</b>	<b>\$37</b>	<b>\$24</b>	<b>\$87</b>	<b>\$53</b>	<b>\$10</b>	<b>(\$25)</b>	<b>(\$60)</b>
<u>Variance - Sequential</u>	2012				2013				2014				2015		
	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>
NA On-Highway	\$44	(\$2)	(\$28)	(\$1)	\$0	\$28	(\$4)	(\$2)	\$23	\$10	\$13	\$0	\$12	\$9	(\$15)
NA Hybrid Transit Bus	8	(17)	12	2	(1)	(4)	(12)	17	(8)	4	(5)	(6)	1	2	(8)
NA Off-Highway	4	(30)	(22)	(5)	(9)	0	1	5	(2)	11	7	6	(14)	(12)	2
Defense	7	3	(6)	0	(17)	1	(6)	(17)	(1)	15	(14)	3	(13)	4	5
ONA On-Highway	(4)	12	(5)	0	(11)	13	(5)	16	(22)	(2)	11	(8)	(8)	16	(6)
ONA Off-Highway	13	(2)	(8)	8	(9)	15	(20)	(2)	7	3	(6)	1	(3)	(8)	(4)
Parts, Support Equipment & Other	14	(7)	(8)	(11)	17	2	0	8	6	1	11	(5)	(15)	(4)	8
<b>Total Net Sales</b>	<b>\$86</b>	<b>(\$43)</b>	<b>(\$65)</b>	<b>(\$7)</b>	<b>(\$30)</b>	<b>\$55</b>	<b>(\$46)</b>	<b>\$25</b>	<b>\$3</b>	<b>\$42</b>	<b>\$17</b>	<b>(\$9)</b>	<b>(\$40)</b>	<b>\$7</b>	<b>(\$18)</b>

# Strong Financial Profile

Financial Summary										
In \$ millions	Annual							Quarterly		LTM <sup>(1)</sup>
	2008	2009	2010	2011	2012	2013	2014	3Q 2014	3Q 2015	
Net Sales	\$2,061	\$1,767	\$1,926	\$2,163	\$2,142	\$1,927	\$2,127	\$553	\$493	\$2,052
% Growth	(5.2%)	(14.3%)	9.0%	12.3%	(1.0%)	(10.0%)	10.4%	18.7%	(10.9%)	(1.1%)
Adjusted EBITDA <sup>(2)</sup>	544	511	619	722	717	633	745	202	174	738
% Margin	26.4%	28.9%	32.1%	33.4%	33.5%	32.8%	35.0%	36.5%	35.4%	36.0%
Effective Cash Tax Rate <sup>(3)</sup>	NM	NM	2.7%	3.9%	4.9%	1.4%	1.4%	0.3%	1.5%	1.9%
Adjusted Net Income	93	50	274	305	376	348	479	138	123	488
% of Net Sales	4.5%	2.8%	14.2%	14.1%	17.6%	18.1%	22.5%	24.9%	24.9%	23.8%
Total CapEx	75	88	74	97	124	74	64	15	15	57
% of Net Sales <sup>(4)</sup>	3.7%	5.0%	3.8%	4.5%	5.8%	3.9%	3.0%	2.7%	3.1%	2.8%
Adj. Free Cash Flow	193	151	317	383	407	399	524	164	142	497
% of Net Sales	9.4%	8.6%	16.5%	17.7%	19.0%	20.7%	24.6%	29.7%	28.7%	24.2%
Adj. FCF per diluted share <sup>(5)</sup>	\$ 1.06	\$ 0.83	\$ 1.75	\$ 2.11	\$ 2.18	\$ 2.12	\$ 2.87	\$ 0.91	\$ 0.81	\$ 2.84

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) LTM 9/30/15.

(2) Excluding technology-related license expenses: 2009 of \$10 million, 2010 of \$2 million, 2011 of \$10 million, 2012 of \$12 million, 2013 of \$6 million, 2014 of \$6 million and LTM 9/30/15 of \$3 million.

(3) Effective cash tax rate defined as cash income taxes divided by income (loss) before taxes.

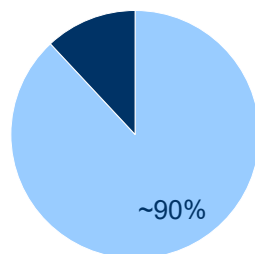
(4) 2011 is 2.7%, 2012 is 2.8%, 2013 is 3.2%, 2014 is 2.9% and LTM 9/30/15 is 2.7% excluding Outside-North America manufacturing expansion and new products related.

(5) LTM 9/30/15 Adjusted Free Cash Flow per diluted share calculated based on diluted weighted average shares of common stock outstanding for the three months ended 9/30/15.

- Resiliency through the 2009 downturn, evidenced by increasing EBITDA margins and strong free cash flow generation
- Completed investments in global commercial capabilities, new product development and low-cost country manufacturing
- Strong free cash flow driven by high margins, asset light business model, and de minimis cash income taxes

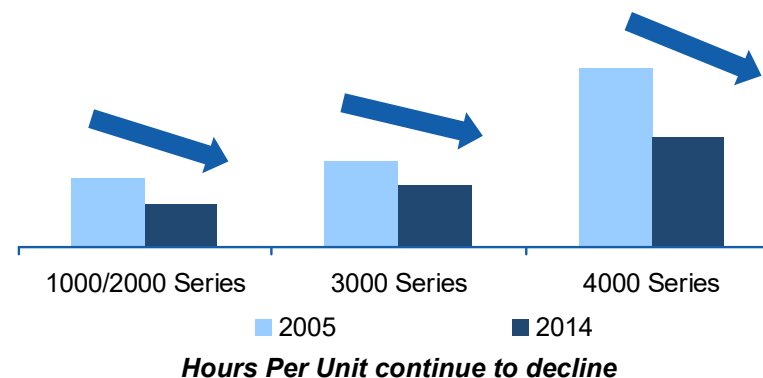
# Sustainable Margins with Further Enhancement Opportunities

## Long-Term Customer Supply Agreements

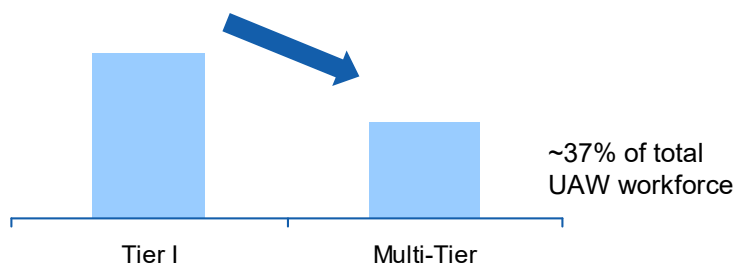


*~90% of 2014 N.A. On-Highway Unit Volume was covered by long-term customer supply agreements*

## Manufacturing Efficiencies (hours/unit)



## Workforce Optimization (cost/employee) <sup>(1)</sup>



*Significant savings driven by retirement of Tier I workers; 700 hourly employees are retirement eligible (~50% of workforce)*

Source: Allison.

(1) As of 12/31/14.

## International Manufacturing <sup>(1)</sup>

### India (~\$103mm total investment)

- New facility constructed to better serve Asia-Pacific
- Phase I: In-sourced component manufacturing (Q3 2010)
- Phase II: Assembly of 1000/2000 Series (Q3 2012)

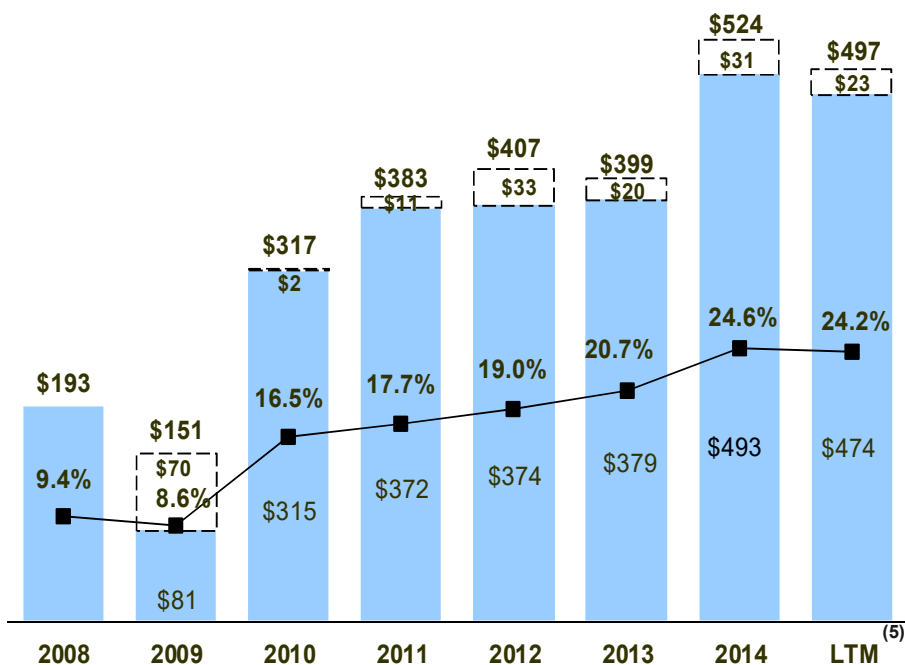
### Hungary (~\$17mm total investment)

- Relocated assembly of 3000/4000 Series (Q2 2011)

# Significant Cash Flow Generation

## Adj. Free Cash Flow Generation<sup>(1)</sup>

(\$ in millions)



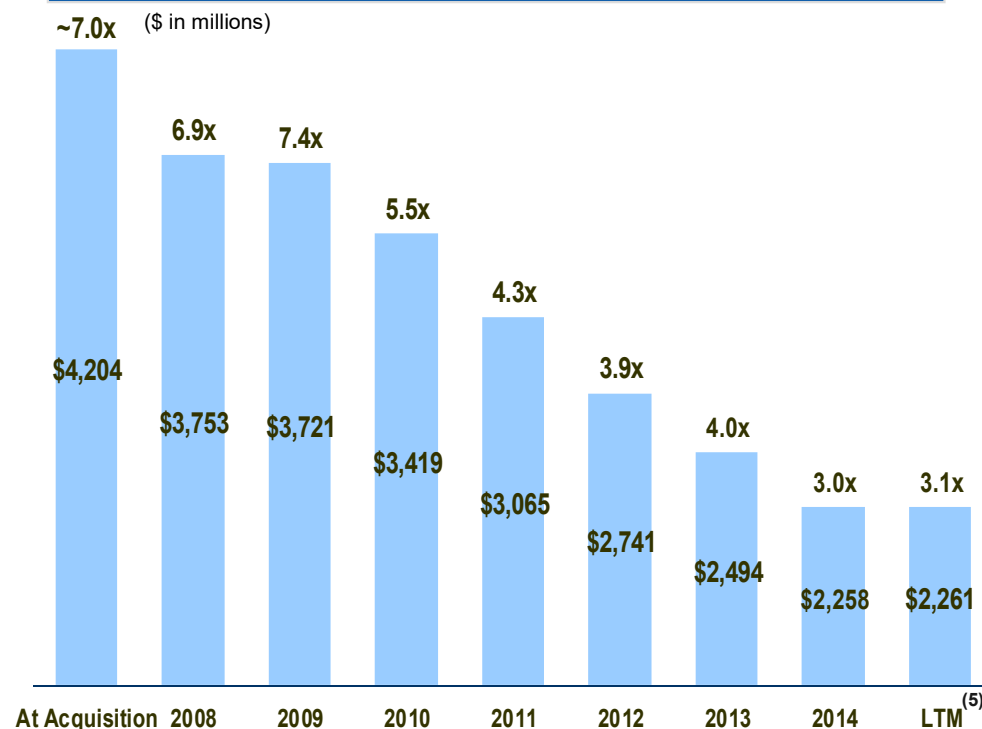
□ Certain Non-Recurring Activity

Total

■ % of Sales

## Net Debt<sup>(2)</sup>

(\$ in millions)



**Net debt reduction of over \$1.94 bn since acquisition<sup>(3)</sup>**  
**LTM Adjusted Free Cash Flow of \$2.84 per diluted share<sup>(4)</sup>**

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) See appendix for a reconciliation of Adjusted Free Cash Flow

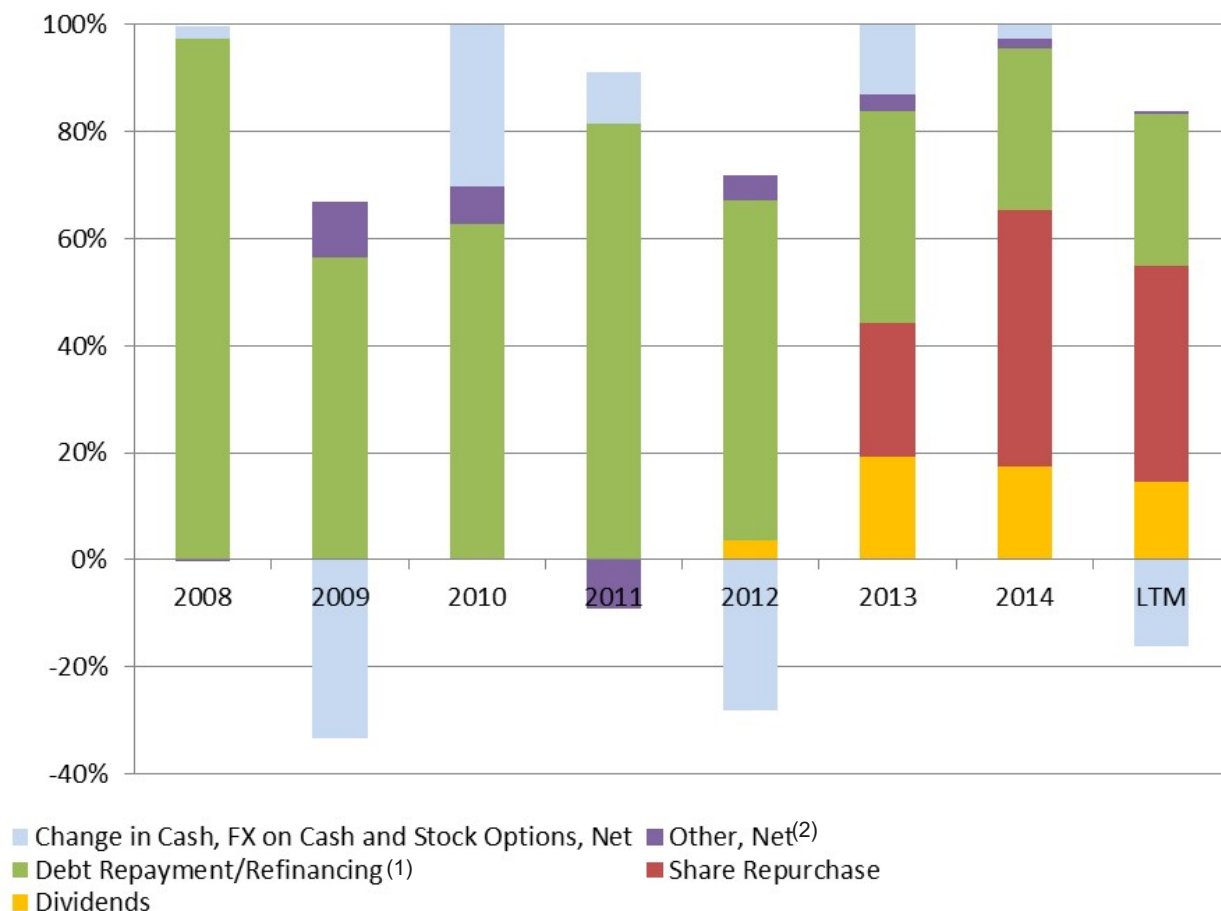
(2) Net debt defined as total debt minus cash and cash equivalents.

(3) Represents net debt reduction through 9/30/2015 since acquisition in August 2007.

(4) LTM 9/30/15 Adjusted Free Cash Flow per diluted share calculated based on diluted weighted average shares of common stock outstanding for the three months ended 9/30/15.

(5) LTM 9/30/2015

# Free Cash Flow Utilization



## Well-Defined Capital Allocation Policy

- Return capital to shareholders
  - Quarterly dividend of \$0.15 per share
  - \$500 million share repurchase authorization; \$204M remaining through December 2016<sup>(3)</sup>
- Low-cost, flexible and pre-payable debt structure with longer-dated maturities
- Prudent balance sheet management; medium term net leverage target of 3.0-3.5x
- Realize returns from completed investments in global commercial capabilities, and new product and technology development

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) Net of change in Cash & Cash Equivalents

(2) 2009 adjusted for certain non-recurring activity: (a) capitalized accrued interest on Senior Toggle Notes (\$29) million, (b) cash restructuring charge \$51 million, (c) accounts payable early payments \$3 million, (d) delayed accounts receivable receipts \$19 million and (e) Lehman LIBOR swap settlement \$17 million. All periods adjusted for collateral for interest rate derivatives, purchase of available-for-sale securities, proceeds from disposal of assets, investments in technology-related initiatives and license expenses, and fee to terminate services agreement with Sponsors.

(3) As of 9/30/15.

# Income Tax Attributes

## Income Tax Attributes Overview

- Allison acquired from General Motors in August 2007
  - Asset deal structure
  - Step-up in basis for U.S. federal income tax purposes

Cash Income Taxes Paid 2008-2014 (\$ millions)						
<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
\$4	\$6	\$2	\$6	\$11	\$4	\$5

- As of 12/31/2014 Allison had \$2.4bn of unamortized intangible assets
  - Expect annual U.S. federal income tax deductions of \$315mm through 2021 and \$183mm in 2022
- Net operating loss carry forward of \$253mm as of 12/31/2014

(\$ millions)	Total	2015	2016	2017	2018	2019	2020	2021	2022
Annual tax amortization	\$2,388	\$315	\$315	\$315	\$315	\$315	\$315	\$315	\$183
<b>Cash tax savings<sup>(1)</sup></b>	<b>887</b>	117	117	117	117	117	117	117	68
<b>Cash tax savings of NOLs<sup>(2)</sup></b>	<b>89</b>								
<b>Grand total</b>	<b>( \$976 )</b>								

***Results in present value tax savings of \$690-\$812mm<sup>(3)</sup>***

(1) Assuming continued profitability and no limitations at an assumed 37.13% federal and state tax rate.

(2) Calculated at a 35.0% federal tax rate on the \$253mm of federal NOL carry forward balance as of 12/31/2014.

(3) Based on annual discount rate of 5-10%; includes both amortization of intangibles and federal NOL's (contingent on timing of taxable income).



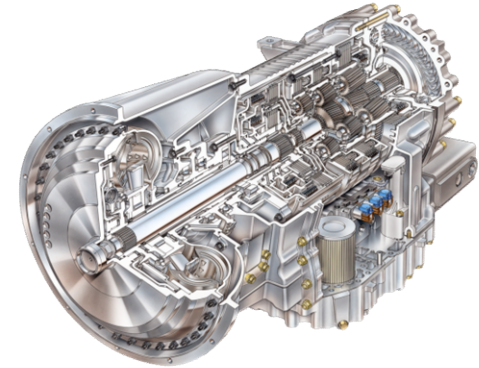
# Summary / Guidance



# Strategic Priorities

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- **Expand global market leadership**
  - Capitalize on continued market recovery
  - New vocational offerings
- **Emerging markets penetration**
  - Vocational ladder strategy
  - Increase number of vehicle releases
- **Continued focus on new technologies and product development**
  - Address markets adjacent to core
  - Advanced fuel efficient technologies
- **Deliver strong financial results**
  - Earnings growth and cash flow generation
  - Focus on margin enhancement
  - Exploit asset light business model
  - Well-defined capital allocation policy



# 2015 Full Year Guidance (Published October 26, 2015)

	Guidance	Commentary
Net Sales Change from 2014	(6) to (8) percent	Guidance reflects the elevated level of uncertainty and a dearth of near-term visibility in the global Off-Highway and Service Parts, Support Equipment & Other end markets
Adjusted EBITDA Margin	34.75 to 35.75 percent	Principally driven by Net Sales and the execution of several initiatives to align costs and programs across our business with challenging end markets demand conditions
Adjusted Free Cash Flow (\$ in millions)	\$470 to \$500	\$2.65 to \$2.85 per diluted share
CapEx (\$ in millions) Maintenance New Product Programs	\$60 to \$65 \$0 to \$5	Subject to timely completion of development and sourcing milestones
Cash Income Taxes (\$ in millions)	\$10 to \$15	U.S. income tax shield and net operating loss utilization

Note: See appendix for comments regarding the presentation of non-GAAP financial information.

# Appendix: Non-GAAP Financial Information



# Non-GAAP Financial Information

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We use Adjusted net income, Adjusted EBITDA, Adjusted EBITDA excluding technology-related license expenses, Adjusted EBITDA margin, Adjusted EBITDA margin excluding technology-related license expenses, adjusted free cash flow and free cash flow to evaluate our performance relative to that of our peers. In addition, the Senior Secured Credit Facility has certain covenants that incorporate Adjusted EBITDA. However, Adjusted net income, Adjusted EBITDA, Adjusted EBITDA excluding technology-related license expenses, Adjusted EBITDA margin, Adjusted EBITDA margin excluding technology-related license expenses, adjusted free cash flow and free cash flow are not measurements of financial performance under GAAP, and these metrics may not be comparable to similarly titled measures of other companies. Adjusted net income is calculated as the sum of net income, interest expense, net, income tax expense (benefit), trade name impairment and amortization of intangible assets, less cash interest, net and cash income taxes, and adjusted for certain non-recurring items. Adjusted EBITDA is calculated as the sum of Adjusted net income, cash interest, net, cash income taxes, depreciation of property, plant and equipment and other adjustments as defined by the Senior Secured Credit Facility and as further described below. Adjusted EBITDA excluding technology-related license expenses is calculated as Adjusted EBITDA less technology-related license expenses. Adjusted EBITDA margin is calculated as Adjusted EBITDA divided by net sales. Adjusted EBITDA margin excluding technology-related license expenses is calculated as Adjusted EBITDA excluding technology-related license expenses divided by net sales. Free cash flow is calculated as net cash provided by operating activities less capital expenditures. Adjusted free cash flow is free cash flow adjusted for non-recurring items.

We use Adjusted net income to measure our overall profitability because it better reflects our cash flow generation by capturing the actual cash interest paid and cash taxes paid rather than our interest expense and tax expense as calculated under GAAP and excludes the impact of the non-cash annual amortization of certain intangible assets that were created at the time of the Acquisition Transaction. We use Adjusted EBITDA, Adjusted EBITDA excluding technology-related license expenses, Adjusted EBITDA margin and Adjusted EBITDA margin excluding technology-related license expenses to evaluate and control our cash operating costs and to measure our operating profitability. We use adjusted free cash flow and free cash flow to evaluate the amount of cash generated by the business that, after the capital investment needed to maintain and grow our business, can be used for strategic opportunities, including investing in our business and strengthening our balance sheet. We believe the presentation of Adjusted net income, Adjusted EBITDA, Adjusted EBITDA excluding technology-related license expenses, Adjusted EBITDA margin, Adjusted EBITDA margin excluding technology-related license expenses and adjusted free cash flow enhances our investors' overall understanding of the financial performance and cash flow of our business.

You should not consider Adjusted net income, Adjusted EBITDA, Adjusted EBITDA excluding technology-related license expenses, Adjusted EBITDA margin, Adjusted EBITDA margin excluding technology-related license expenses, adjusted free cash flow and free cash flow as an alternative to net income, determined in accordance with GAAP, as an indicator of operating performance, or as an alternative to net cash provided by operating activities, determined in accordance with GAAP, as an indicator of Allison's cash flow.

# Non-GAAP Reconciliations (1 of 2)

## Adjusted Net Income and Adjusted EBITDA reconciliation

\$ in millions, Unaudited	For the year ended December 31,					Three months ended September 30,		Last twelve months ended September 30,
	2010	2011	2012	2013	2014	2014	2015	2015
<b>Net income</b>	<b>\$29.6</b>	<b>\$103.0</b>	<b>\$514.2</b>	<b>\$165.4</b>	<b>\$228.6</b>	<b>\$68.8</b>	<b>\$46.5</b>	<b>\$219.8</b>
plus:								
Interest expense, net	277.5	217.3	151.2	132.9	138.4	29.3	33.7	131.1
Cash interest expense	(239.1)	(208.6)	(167.3)	(159.2)	(140.0)	(34.7)	(21.8)	(112.1)
Income tax expense (benefit)	53.7	47.6	(298.0)	100.7	139.5	47.5	27.3	127.1
Cash income taxes	(2.2)	(5.8)	(10.7)	(3.8)	(5.0)	(0.4)	(1.1)	(6.5)
Fee to terminate services agreement with Sponsors	—	—	16.0	—	—	—	—	—
Technology-related investment expenses	—	—	14.4	5.0	2.0	2.0	—	—
Public offering expenses	—	—	6.1	1.6	1.4	0.3	—	—
Impairments	—	—	—	—	15.4	—	—	16.7
Environmental Remediation	—	—	—	—	—	—	14.0	14.0
Amortization of intangible assets	154.2	151.9	150.0	105.3	98.8	24.7	24.3	97.6
<b>Adjusted net income</b>	<b>\$273.7</b>	<b>\$305.4</b>	<b>\$375.9</b>	<b>\$347.9</b>	<b>\$479.1</b>	<b>\$137.5</b>	<b>\$122.9</b>	<b>\$487.7</b>
Cash interest expense	239.1	208.6	167.3	159.2	140.0	34.7	21.8	112.1
Cash income taxes	2.2	5.8	10.7	3.8	5.0	0.4	1.1	6.5
Depreciation of property, plant and equipment	99.6	103.8	102.5	98.7	93.8	23.6	22.4	88.6
(Gain)/loss on redemptions and repayments of long-term debt	(3.3)	16.0	22.1	0.8	0.5	0.3	—	0.4
Dual power inverter module extended coverage	(1.9)	—	9.4	(2.4)	1.0	—	(0.3)	(1.1)
UAW Local 933 signing bonus	—	—	8.8	—	—	—	—	—
Benefit plan re-measurement	—	—	2.3	—	—	—	—	—
Unrealized loss (gain) on commodity hedge contracts	0.3	6.5	(1.0)	1.5	(1.0)	(0.6)	0.7	1.4
Unrealized (gain) loss on foreign exchange	(0.2)	0.3	0.1	2.3	5.2	2.0	2.8	3.4
Premiums and expenses on tender offer and redemption of long-term debt	—	56.9	—	—	—	—	0.2	25.3
Restructuring charges	—	—	—	1.0	0.7	—	—	—
Reduction of supply contract liability	(3.4)	—	—	—	—	—	—	—
Other, net <sup>(1)</sup>	10.9	8.6	7.0	13.8	14.7	3.9	2.5	10.7
<b>Adjusted EBITDA</b>	<b>\$617.0</b>	<b>\$711.9</b>	<b>\$705.1</b>	<b>\$626.6</b>	<b>\$739.0</b>	<b>\$201.8</b>	<b>\$174.1</b>	<b>\$735.0</b>
<b>Adjusted EBITDA excluding technology-related license expenses</b>	<b>\$619.0</b>	<b>\$722.4</b>	<b>\$717.1</b>	<b>\$632.6</b>	<b>\$745.1</b>	<b>\$201.8</b>	<b>\$174.3</b>	<b>\$738.0</b>
<b>Net Sales</b>	<b>\$1,926.3</b>	<b>\$2,162.8</b>	<b>\$2,141.8</b>	<b>\$1,926.8</b>	<b>\$2,127.4</b>	<b>\$553.3</b>	<b>\$493.0</b>	<b>\$2,052.0</b>
<b>Adjusted EBITDA margin</b>	<b>32.0%</b>	<b>32.9%</b>	<b>32.9%</b>	<b>32.5%</b>	<b>34.7%</b>	<b>36.5%</b>	<b>35.3%</b>	<b>35.8%</b>
<b>Adjusted EBITDA margin excl technology-related license expenses</b>	<b>32.1%</b>	<b>33.4%</b>	<b>33.5%</b>	<b>32.8%</b>	<b>35.0%</b>	<b>36.5%</b>	<b>35.4%</b>	<b>36.0%</b>

(1) Includes charges or income related to benefit plan adjustments, employee stock compensation expense, service fees paid to Allison's Sponsors and an adjustment for the settlement of litigation which originated with the Predecessor but was assumed by the Company as part of the Acquisition Transaction.

# Non-GAAP Reconciliations (2 of 2)

## Adjusted Free Cash Flow reconciliation

\$ in millions, Unaudited	For the year ended December 31,					Three months ended September 30,		Last twelve months ended September 30,
	2010	2011	2012	2013	2014	2014	2015	2015
<b>Net Cash Provided by Operating Activities</b>	<b>\$388.9</b>	<b>\$469.2</b>	<b>\$497.5</b>	<b>\$453.5</b>	<b>\$556.9</b>	<b>\$174.0</b>	<b>\$156.3</b>	<b>\$530.9</b>
(Deductions) or Additions:								
Long-lived assets	(73.8)	(96.9)	(123.9)	(74.4)	(64.1)	(14.9)	(15.2)	(56.6)
Fee to terminate services agreement with Sponsors	—	—	16.0	—	—	—	—	—
Technology-related license expenses	2.0	10.5	12.0	6.0	6.1	—	0.2	3.0
Excess tax benefit from stock-based compensation	—	—	5.3	13.7	24.6	5.0	0.2	20.0
<b>Adjusted Free Cash Flow</b>	<b>\$317.1</b>	<b>\$382.8</b>	<b>\$406.9</b>	<b>\$398.8</b>	<b>\$523.5</b>	<b>\$164.1</b>	<b>\$141.5</b>	<b>\$497.3</b>
<b>Net Sales</b>	<b>\$1,926.3</b>	<b>\$2,162.8</b>	<b>\$2,141.8</b>	<b>\$1,926.8</b>	<b>\$2,127.4</b>	<b>\$553.3</b>	<b>\$493.0</b>	<b>\$2,052.0</b>
<b>Adjusted Free Cash Flow (% to Net Sales)</b>	<b>16.5%</b>	<b>17.7%</b>	<b>19.0%</b>	<b>20.7%</b>	<b>24.6%</b>	<b>29.7%</b>	<b>28.7%</b>	<b>24.2%</b>



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