# **Investor Relations Presentation Fourth Quarter 2013 (Published Mar 13, 2014)**





### **Safe Harbor Statement**

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: risks related to our substantial indebtedness; 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; 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 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, 2013.



# **Business Overview**



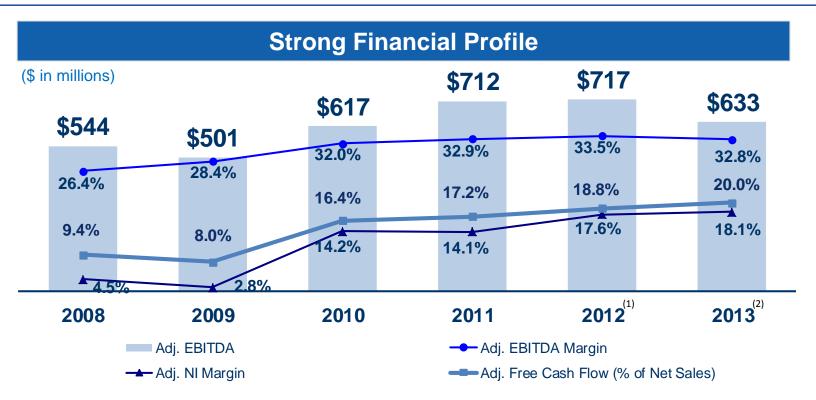


### **Allison Transmission at a Glance**

- World's largest manufacturer of fullyautomatic transmissions for medium- and heavy-duty commercial vehicles
  - 61% 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
  - Continued recovery in North America
  - Further adoption outside North America
  - Global off-highway growth opportunities
  - Expanding addressable market



# **Allison Key Financial Highlights**



- Strong operating margins with enhancement opportunities
- Low maintenance capital expenditure requirements
- Minimal cash income taxes / valuable U.S. tax shield (\$0.8-\$0.9bn present value)
- Positioned for long-term cash earnings growth

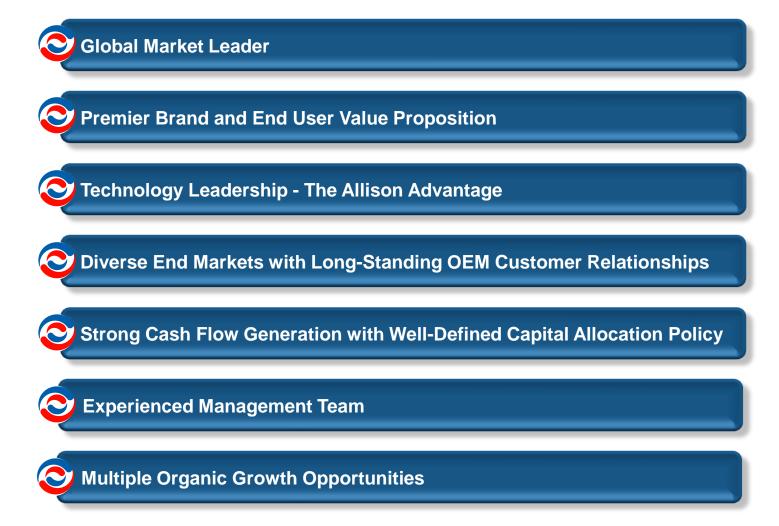
Note: See appendix for comments regarding the presentation of non-GAAP financial information.



<sup>(1) 2012</sup> Adjusted EBITDA and Adjusted EBITDA Margin excluding technology-related license expenses of \$12 million.

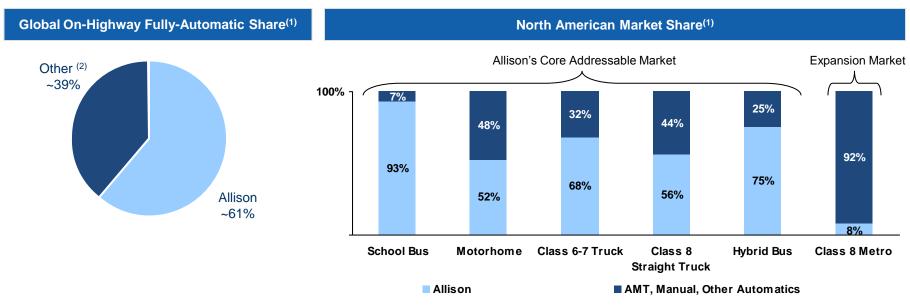
<sup>2) 2013</sup> Adjusted EBITDA and Adjusted EBITDA Margin excluding technology-related license expenses of \$6 million.

### Allison Is a Premier Industrial Asset





### **Global Market Leader**

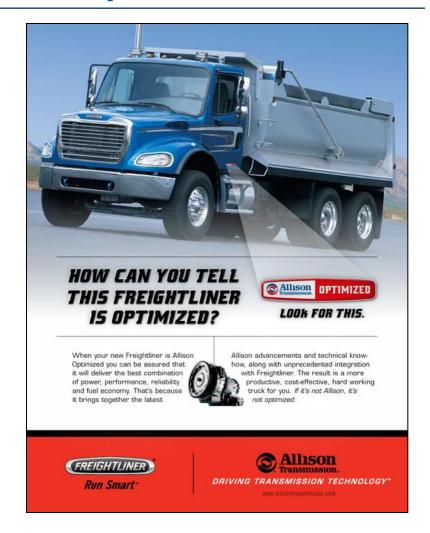


- The "de facto" standard in medium- and heavy-duty applications
  - -Well established as standard in North America
- Increasing presence in emerging markets which today are predominantly manual
- Virtually no exposure to more cyclical Class 8 line-haul tractors
  - (1) 2013 Units. Source: Allison and ACT Research.
  - (2) Majority of "Other" volume is in North American Class 4-5 truck and European bus.



### Allison Is a Recognized and Respected Brand

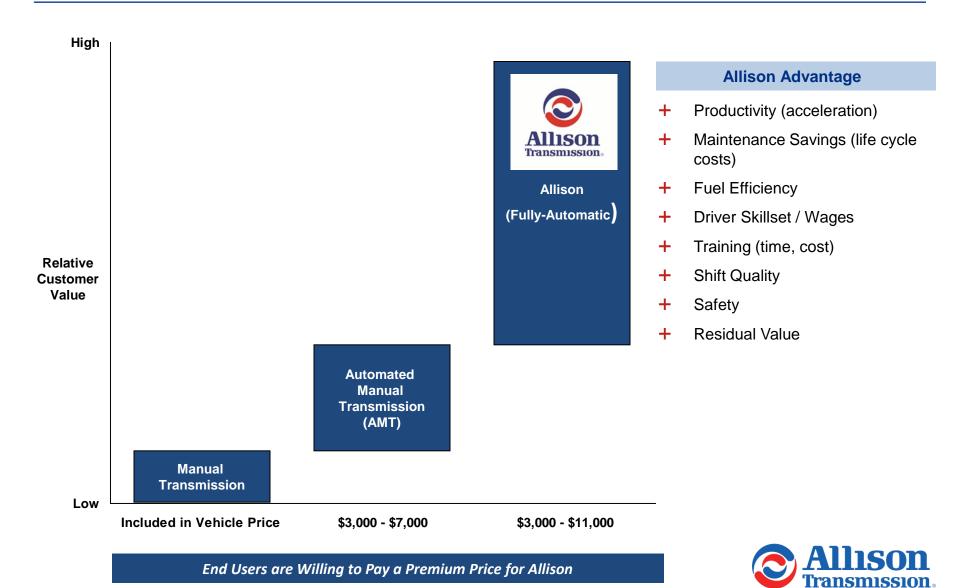
- The Allison brand is associated with:
  - High Quality
  - Reliability
  - Durability
  - Vocational Value and Expertise
  - Technological Leadership
  - Superior Customer Service
  - Attractive Total Lifecycle Value
- 95+ year history of providing highquality innovative products and demonstrated value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



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

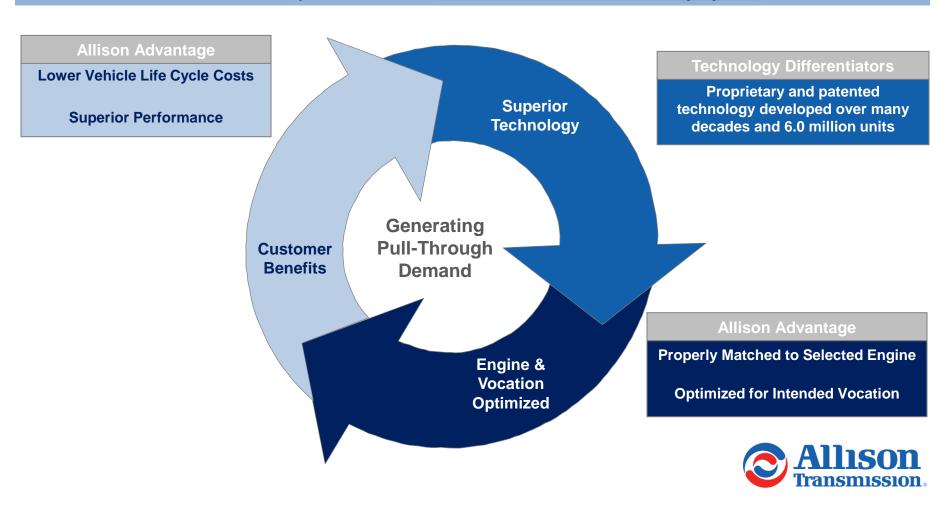


### **End User Value Proposition**



# **Technology Leadership – The Allison Advantage**

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



### **End Market & Vocation Overview**

#### **Global On-Highway**

#### **Global Off-Highway**

**North America Hybrid Transit Bus** 



**Select End Users** 



Distribution





FedEx.













**Emergency** Vehicle







i jeken









Motorhome









Rugged Duty







**Defense** 

Parts, Support Equipment and Other

**Select End Users** 

School Bus / Shuttle Bus

**Transit Bus** 























### **OEMs Rely on Allison for Fully-Automatic Transmissions**

**PACCAR On-Highway** FREIGHTLINE BLUE BIRD North America NOVABUS Hybrid GILLIG MOTOR COACH ElDorado **Transit Bus** National HITACHI PACCAR Schlumberger **Off-Highway** HALLIBURTON **Optare** KING LONG DAIMLER SCANIA **Outside North America** HINO ( SOLARIS **On-Highway** VANHOOL 映泛重卡 Atlas Copco **Off-Highway** MJEREH TEREX 🐸 Defense Medium- and OSHKOSH **BAE SYSTEMS** Heavy-**Tactical** U.S. Government

Over 45 Year Relationship with Many Industry-Leading OEMs



### Premier Industrial Asset Financial Profile Resulting from Experienced Management and Execution

	2008	<b>2013</b> <sup>(1)</sup>	Δ	
Net Sales Adj. EBITDA % Margin Adj. Net Income	\$2,061mm \$544mm 26.4% \$93mm	\$1,927mm \$633mm 32.8% \$348mm	(6.5%) +16.4% +640bps +274.2%	Despite 2009 cyclical low industry volumes, significant improvements in EBITDA margin and Adjusted Net Income
Employees UAW Contract UAW Wage Structure	3,300 Part of GM Single-Tier	2,700 Allison Only Multi-Tier	(18.2%)	2009 Hourly buyout plan reduced headcount by ~25%, positioning the company to replace Single-Tier with Multi-Tier workers and realize operating leverage
Technology Focus	Enhance Existing Products	New, More Fuel Efficient Technologies		Investing in the development of next generation technologies

### Net Debt Reduction of More Than \$1.71 (2) Billion Since Acquisition in August 2007

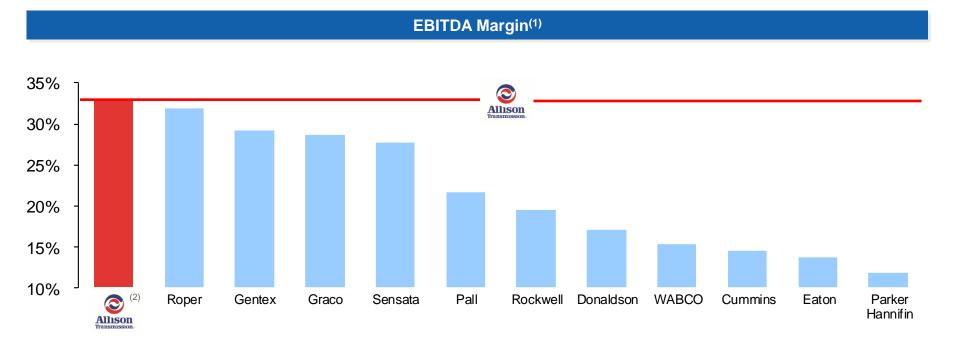
Note: See appendix for comments regarding the presentation of non-GAAP financial information.

(1) 2013 Adjusted EBITDA and Adjusted EBITDA Margin excluding technology-related license expenses of \$6 million.

Represents Net Debt reduction through 12/31/2013.



### **Premier Industrial Asset**



<sup>(1)</sup> 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 12/31/2013. EBITDA included above may not be consistent with such entity's reported EBITDA or Adjusted EBITDA, if available.



<sup>(2)</sup> 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**

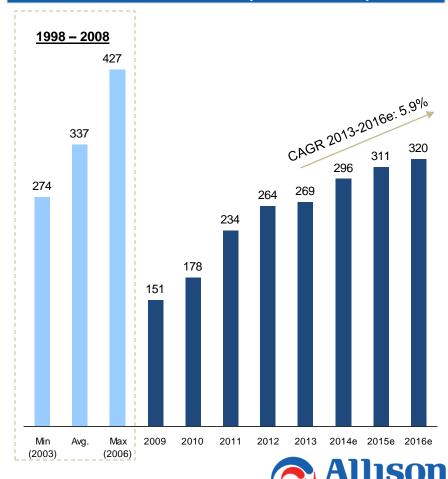
- Benefit from Developed Markets Recovery
- Increase Penetration of Fully Automatic Transmissions
- Accelerate Adoption in Emerging Markets
- Capitalize on Rising Demand for Energy and Commodities
- Continue New Technology and Product Development
- Increase Share in Underserved Markets



### **Allison Transmission at a Glance**

- Growth opportunity driven by continued cyclical recovery in core North American market (~43% of 2013 total sales)
- Production has rebounded from cyclical lows with further growth fueled by pickup in economic activity
  - Housing recovery and increased construction activity drives greater demand for medium and heavy duty trucks
- 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>(1)</sup>



Source: ACT Research, January 2014. Includes: Class 4 thru 8 less Class 8 Line Haul & Class 8 Straight with Sleeper. 2013: Total 454,417 less Class 8 Line Haul of 183,126 less Class 8 Straight with Sleeper of 1,910.

### **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

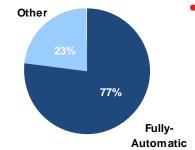
- Lower maintenance expense
- Improved fuel efficiency
- Increased vehicle residual value

### Micro / demographic trends

- Easier to operate; increases pool of qualified drivers
- Less driver training and turnover
- Safety factors

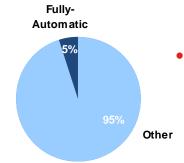
#### **Global Penetration of Fully-Automatic Transmissions**

#### North America<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(2)



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

Source: Allison.



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

<sup>(2)</sup> Includes medium- and heavy-duty commercial vehicles.

### **Increased Penetration of Fully-Automatic Transmissions**

- Allison is the #1 supplier of fullyautomatic transmissions in China as a result of targeting specific vocations
  - Substantial installed base of over 54,000 transmissions in China
  - Secular growth due to low penetration
  - Large Allison addressable market
- 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 Cumulative China Truck OEM Releases(1)



(1) Source: Allison.

# **Global Off-Highway Growth Opportunities**

#### Energy Sectors

- Considerable end market cyclicality
- Multiple opportunities in exploration, fracturing and oil and gas support
  - Currently at trough levels
- 5% of 2013 total sales<sup>(1)</sup>



#### Mining and Construction Sectors

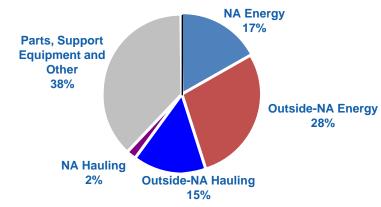
- NA, Europe, Middle East, Africa and China
- Increasing global demand for commodities
- Increasing urbanization in emerging markets
- 2% of 2013 total sales<sup>(1)</sup>





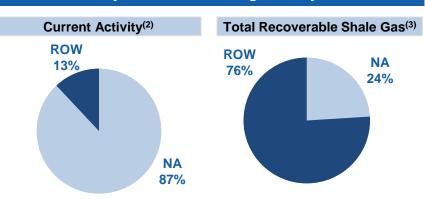


#### 2013 Allison Global Off-Highway Sales



2013 Global Off-Highway Sales: \$205 million (11% of total sales)

#### **Hydraulic Fracturing Activity**



- (2) Source: Spears & Associates, June 2012.
- (3) Source: U.S. Energy Information Administration, June 2013.



<sup>(1)</sup> Excluding replacement parts and support equipment.

### **New Product Development**

#### **Class 8 Metro**

- Launching a ten-speed fully-automatic transmission targeted at Class 8 tractors serving urban markets
  - Addressable market size of ~60k units
  - Historically a "manual" market under addressed by Allison's fully-automatic product portfolio
- Available for order at Navistar with initial deliveries expected to occur in the first quarter of 2014

# TRACTOR SERIES TC10





#### **Hybrid Commercial Vehicle**

- Leading development of first fully-automatic hybrid truck transmission for the Class 6-7 market
- Awarded \$63 million U.S. Department of Energy cost-share grant for hybrid development
  - Fuel economy improvements of ~25%-35%
  - Target Vocations: Refuse, Pick-Up & Delivery/Distribution, Utility and Shuttle Bus



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



### **Allison Transmission at a Glance**

	North America							
		Underserved		Core Address	sable Market		Underserved	
	Class 1-3	Class 4-5	Motor Home	School Bus	Class 6-7	Class 8 Straight	Class 8 Metro	Class 8 Linehaul
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+
2013 Industry Units Produced	5,996,941	72,760	15,038	28,063	83,999	65,091	56,644	126,482
2013 Allison Share	0%	6%	52%	93%	68%	56%	8%	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 2013; target market for the TC10 transmission

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



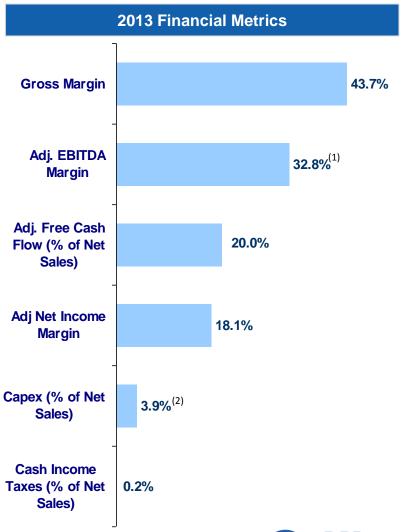
# **Financial Overview**





# **Allison Financial Highlights**

- Strong 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 maintenance capital expenditure requirements
- Minimal cash income taxes / valuable U.S. tax shield (\$0.8-\$0.9bn present value)
- Positioned for long-term cash earnings growth
  - Multiple growth opportunities
  - De-leveraging
- Strong free cash flow supports \$0.12 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.



<sup>(1)</sup> Excluding technology-related license expenses of \$6 million.

<sup>(2) 3.2%</sup> excluding Outside-North America manufacturing expansion and new products related.

### **Strong Financial Profile**

Financial Summary								
In \$ millions			Quarterly					
-	2008	2009	2010	2011	2012	2013	4Q 2012	4Q 2013
Net Sales	\$2,061	\$1,767	\$1,926	\$2,163	\$2,142	\$1,927	\$487	\$491
% Growth	(5.2%)	(14.3%)	9.0%	12.3%	(1.0%)	(10.0%)	(5.6%)	0.8%
Adjusted EBITDA (1)	544	501	617	712	717	633	132	153
% Margin	26.4%	28.4%	32.0%	32.9%	33.5%	32.8%	27.1%	31.1%
Effective Cash Tax Rate (2)	NM	NM	2.7%	3.9%	4.9%	1.4%	8.1%	0.4%
Adjusted Net Income	93	50	274	305	376	348	46	78
% of Net Sales	4.5%	2.8%	14.2%	14.1%	17.6%	18.1%	9.4%	15.8%
Total CapEx	75	88	74	97	124	74	30	33
% of Net Sales (3)	3.7%	5.0%	3.8%	4.5%	5.8%	3.9%	6.2%	6.8%
Adj. Free Cash Flow	193	142	315	372	402	385	82	105
% of Net Sales	9.4%	8.0%	16.4%	17.2%	18.8%	20.0%	16.9%	21.4%

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

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



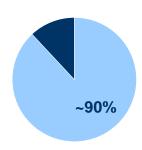
<sup>(1)</sup> Q3 2012 technology-related license expenses of \$12 million and Q1 2013 technology-related license expenses of \$6 million excluded.

<sup>(2)</sup> Effective cash tax rate defined as cash income taxes divided by income (loss) before taxes.

<sup>(3) 2011</sup> is 2.7%, 2012 is 2.8% and 2013 is 3.2% excluding Outside-North America manufacturing expansion and new products related.

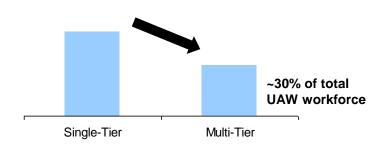
### Sustainable Margins with Further Enhancement Opportunities

#### **Long-Term Customer Supply Agreements**



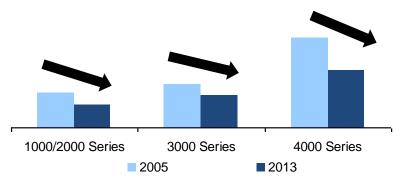
~90% of 2013 N.A. On-Highway Unit Volume was covered by longterm customer supply agreements

#### Workforce Optimization (cost/employee) (1)



Significant savings driven by retirement of Tier I workers; 750 hourly employees are retirement eligible (~50% of workforce)

#### **Manufacturing Efficiencies (hours/unit)**



Hours Per Unit Continue to Decline

#### International Manufacturing (1)

#### 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)

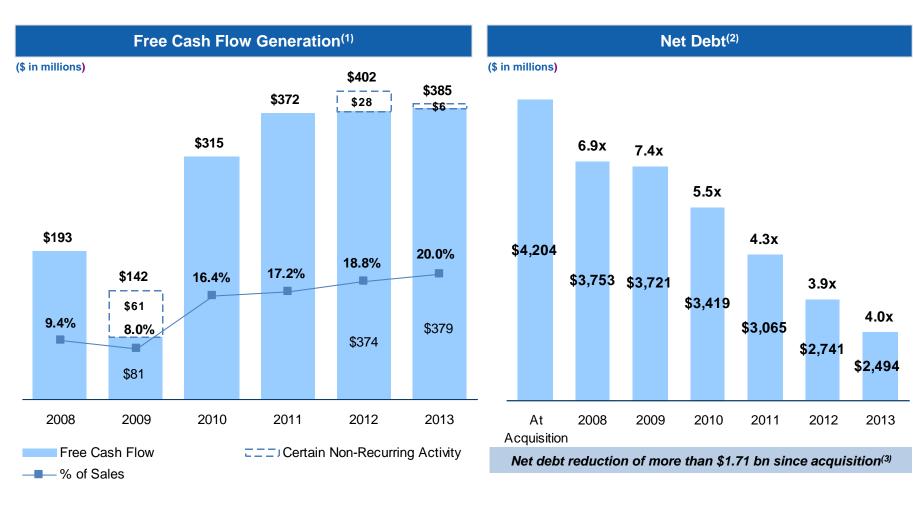
#### **Hungary (~\$17mm total investment)**

Relocated assembly of 3000/4000 Series (Q2 2011)



Source: Allison. (1) As of 12/31/2013.

# **Significant Cash Flow Generation**



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

- (1) Free Cash Flow defined as net cash provided by operating activities less CapEx.
- (2) Net debt defined as total debt minus cash and cash equivalents.
- (3) Represents net debt reduction through 12/31/2013 since acquisition in August 2007.



### **Income Tax Attributes**

#### **Income Tax Attributes Overview**

- Carlyle and Onex acquired Allison from General Motors in August 2007
  - Asset deal structure
  - Step-up in basis for U.S. federal income tax purposes
- As of 12/31/2013 Allison had \$2.7bn 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 \$346mm as of 12/31/2013

(\$ millions)	Total	2014	2015	2016	2017	2018	2019	2020	2021	2022
Annual tax amortization	\$2,703	\$315	\$315	\$315	\$315	\$315	\$315	\$315	\$315	\$183
Cash tax savings <sup>(1)</sup>	1,020	119	119	119	119	119	119	119	119	68
Cash tax savings of NOLs(2)(3	) _ 121									
Grand total	(\$1,141)									

#### Results in present value tax savings of \$785-\$935mm<sup>(4)</sup>

- (1) Assuming continued profitability and no limitations at an assumed 37.7% federal and state tax rate.
- (2) Calculated at a 35.0% federal tax rate on the \$346mm of federal NOL carry forward balance as of 12/31/2013.
- (3) Recently two of the shareholders reduced their holdings resulting in an annual limitation on the utilization of the net operating losses. We do not believe this limitation will impede our ability to fully benefit from the net operating losses.
- (4) 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 / Q&A**





# **Strategic Priorities**

#### Expand global market leadership

- Capitalize on continued market recovery
- New vocational offerings

#### Emerging markets penetration

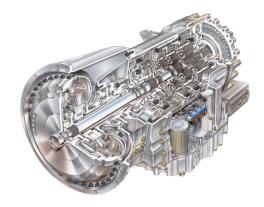
- Vocational ladder strategy
- Increase number of vehicle releases



- Address markets adjacent to core
- Advanced fuel efficient technologies

### Deliver strong financial results

- Earnings growth and cash flow generation
- Focus on margin enhancement
- Well-defined capital allocation policy





# 2014 Full Year Guidance (published February 13, 2014)

	Guidance	Commentary
Net Sales Growth from 2013	3 to 6 percent	We expect a continued recovery in the North America On-Highway end market, lower demand in the North America Hybrid-Propulsion Systems for Transit Bus end market due to engine emissions improvements and non-hybrid alternative technologies that generally require a fully-automatic transmission (e.g. xNG), a slowly emerging improvement in demand from the North America energy sector's hydraulic fracturing market, previously considered reductions in U.S. defense spending to longer term averages experienced during periods without active conflicts, growth in the Outside North America On-Highway end market, moderately improved second half demand conditions in the Outside North America Off-Highway end market and higher demand in the Service Parts, Support Equipment & Other end market.
Adjusted EBITDA Margin excluding technology-related license expenses	32 to 34 percent	Principally driven by sales mix and volume timing
Adjusted Free Cash Flow (\$ in millions)	\$375 to \$425	\$2.00 to \$2.25 per diluted share
CapEx (\$ in millions)  Maintenance  New Product Programs	\$55 to \$60 \$5 to \$10	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**

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 (loss), 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 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 (loss), 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 yea	r ended Decei	mber 31,		Three months December	
	2009	2010	2011	2012	2013	2012	2013
Net (loss) income	(\$323.9)	\$29.6	\$103.0	\$514.2	\$165.4	\$11.2	\$42.9
plus:							
Interest expense, net	234.2	277.5	217.3	151.2	132.9	35.6	28.4
Cash interest expense	(242.5)	(239.1)	(208.6)	(167.3)	(159.2)	(46.7)	(46.3)
Income tax expense (benefit)	41.4	53.7	47.6	(298.0)	100.7	9.9	24.6
Cash income taxes	(5.5)	(2.2)	(5.8)	(10.7)	(3.8)	(1.7)	(0.3)
Fee to terminate services agreement with Sponsors	_	_	_	16.0	_	_	_
Technology-related investment expenses		_		14.4	5.0	_	2.5
Public offering expenses		_		6.1	1.6	_	0.7
Trade name impairment	190.0	_		_	-	_	
Amortization of intangible assets	155.9	154.2	151.9	150.0	105.3	37.5	25.2
Adjusted net income	\$49.6	\$273.7	\$305.4	\$375.9	\$347.9	\$45.8	\$77.7
Cash interest expense	242.5	239.1	208.6	167.3	159.2	46.7	46.3
Cash income taxes	5.5	2.2	5.8	10.7	3.8	1.7	0.3
Depreciation of property, plant and equipment	105.9	99.6	103.8	102.5	98.7	26.5	24.6
(Gain)/loss on redemptions and repayments of long-term debt	(8.9)	(3.3)	16.0	22.1	0.8	0.5	0.3
Dual power inverter module extended coverage	11.4	(1.9)		9.4	(2.4)	_	
UAW Local 933 signing bonus		_		8.8	-	8.8	
Benefit plan re-measurement		_		2.3	-	_	
Unrealized (gain) loss on commodity hedge contracts	(5.8)	0.3	6.5	(1.0)	1.5	(0.1)	0.4
Unrealized (gain) loss on foreign exchange	_	(0.2)	0.3	0.1	2.3	0.3	-
Premiums and expenses on tender offer for long-term debt		_	56.9	_	-	_	
Restructuring charges	47.9	_		_	1.0	_	-
Reduction of supply contract liability	_	(3.4)	_	_	-	_	-
Other, net <sup>(1)</sup>	53.2	10.9	8.6	7.0	13.8	1.7	3.1
Adjusted EBITDA	\$501.3	\$617.0	\$711.9	\$705.1	\$626.6	\$131.9	\$152.7
Adjusted EBITDA excluding tech-related license exp	\$501.3	\$617.0	\$711.9	\$717.1	\$632.6	\$131.9	\$152.7
Net Sales	\$1,766.7	\$1,926.3	\$2,162.8	\$2,141.8	\$1,926.8	\$487.0	\$491.0
Adjusted EBITDA margin	28.4%	32.0%	32.9%	32.9%	32.5%	27.1%	31.1%
Adjusted EBITDA margin excl tech-related license exp	28.4%	32.0%	32.9%	33.5%	32.8%	27.1%	31.1%

<sup>(1)</sup> Includes charges or income related to legacy employee benefits, shared income with General Motors, benefit plan adjustments, transitional costs to establish Allison as a standalone entity, pension curtailment 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 yea	ar ended Dec	cember 31,		Three month	
_	2009	2010	2011	2012	2013	2012	2013
Net Cash Provided by Operating Activities	\$168.7	\$388.9	\$469.2	\$497.5	\$453.5	\$112.1	\$138.1
(Deductions) or Additions:							
Long-lived assets	(88.2)	(73.8)	(96.9)	(123.9)	(74.4)	(30.0)	(33.2)
Fee to terminate services agreement with Sponsors	_	_	_	16.0	_	_	_
Technology-related license expenses	_	_	_	12.0	6.0	_	_
2009 Non-Recurring Activity (1)	61.0	_	_	_	_	_	
Adjusted Free Cash Flow	\$141.5	\$315.1	\$372.3	\$401.6	\$385.1	\$82.1	\$104.9
Net Sales	\$1,766.7	\$1,926.3	\$2,162.8	\$2,141.8	\$1,926.8	\$487.0	\$491.0
Adjusted Free Cash Flow (% to Net Sales)	8.0%	16.4%	17.2%	18.8%	20.0%	16.9%	21.4%

<sup>(1) 2009</sup> 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.



# **Key Definitions**





# **Key Definitions**

Types of Transmissions		
Fully-automatic transmission	Utilize technology that smoothly shifts gears without power interruption	
Automated manual transmission	Manual transmissions that feature automated operation of the disconnect clutch with power interruption	
Manual transmission	Utilize a disconnect clutch with power interruption	Most prevalent transmission type used in North America Class 8 tractors and in medium and heavyduty commercial vehicles outside North America
End Markets	North America	Outside North America
	On-Highway	On-Highway
	Off-Highway	Off-Highway
	Hybrid Transit Bus	
	Defense	
	Service Parts, Support Equipment and Other	Service Parts, Support Equipment and Other



# End Markets - North America (1 of 2)

On-Highway		
Trucks	Classes	Vocation
	Class 4-5 - Medium duty Class 6-7 - Heavy duty	Lease and rental Emergency - ambulance, fire, rescue Distribution - logistics, parcel delivery Airport operations Refuse Utilities
	Class 8 Straight  Metro Tractor Tractor	Refuse Distribution Emergency - fire Construction Transport cargo (dock spotters)  Distribution Line haul
Buses	Buses	School Transit:     Conventional (urban)     Shuttle (airport)     Coach (long distance)
	Motorhomes	Type A - large (gasoline and diesel)
Hybrid Transit Bus		
	Buses and shuttle buses	Public transit



# End Markets - North America (2 of 2)

Off-Highway		
	Vehicle	Vocation
	Well-stimulation equipment (stationary and mobile) Pumping equipment, Well servicing rigs	Energy
	Rigid dump trucks Underground trucks Heavy haul tractor trailer trucks	Mining
	Specialty vehicles Airport crash trucks (large fire trucks)	Construction / Specialty
Defense		
	Medium- and heavy- tactical wheeled platforms	Armored security vehicle (ASV) Family of medium tactical vehicles (FMTV) Heavy expanded mobility tactical truck (HEMTT) Heavy equipment transporter (HET) Logistic vehicle system replacement (LVSR) Mine resistant ambush protected (MRAP) Palletized load system (PLS) M900 family of vehicles Stryker
	Tracked combat platforms	Abrams Tank M113
Service Parts, Support Equipment and Other		
	Service parts, support equipment, remanufactured transmissions, fluids	



# End Markets – Outside North America (1 of 2)

On-Highway		
Trucks	Classes	Vocation
	3.5 – 7.5 tonnes 7.5 – 16 tonnes	Commercial – lease and rental Emergency – ambulance, fire, rescue Distribution – logistics, parcel delivery Airport operations Refuse Utilities
	Greater than 16 tonnes Straight Truck  Metro Tractor	Refuse Distribution Emergency – fire Transport cargo (dock spotters) Specialty vehicles (crane carriers) Construction Distribution
Buses	Buses	School Transit: Conventional (urban) Shuttle (airport) Coach (long distance)



# End Markets – Outside North America (2 of 2)

Off-Highway		
	Vehicle	Vocation
	Well stimulation equipment (stationary and mobile)  Rigid dump trucks Underground trucks Heavy haul tractor trailer trucks  Specialty vehicles Airport crash trucks (large fire trucks)	Energy Mining  Construction / Specialty
Service Parts, Support Equipment and Other		
	Service parts, support equipment, remanufactured transmissions, fluids	



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