

# FY2018 3<sup>rd</sup> Quarter Financial Results ended Dec 31, 2017

Feb. 2, 2018 DENSO CORPORATION

Overview of FY2018 3 <sup>rd</sup> Quarter Financial Results	1/15
1. Revenue increased due to an increase in vehicle production, as well as sales expansion. Operating profit also saw an increase due to the production volume increase and company cost reduction efforts.	
2. Full-year financial result forecasts has been revised up after considering the latest movement in the foreign exchange markets.	
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			Revenue)			(Unit:Billions	<u> </u>	
			<u>3 3 Q</u>	FY1	7 3Q	Chai	nge	
	venue		3,699.1		3,311.5	+387.5	+11.7%	
(Ex	erating Profit cludes other income/ enses)	(8.2%)	303.3	(7.3%)	242.4	+60.9	+25.1%	
	er income/ enses		11.3		5.1	+6.2		
Op	erating Profit	(8.5%)	314.6	(7.5%)	247.5	+67.1	+27.1%	
	nce income/ s & others(*1)		39.0		29.5	+9.5		
1	fit before	(9.6%)	353.6	(8.4%)	277.0	+76.6	+27.7%	
	come Taxes ofit (*2)	(6.8%)	251.3	(5.8%)	190.9	+60.4	+31.6%	
						(Unit:Millio	ns of Units)	
	Foreign Exchange	ЈРҮ	112/\$	JPY	107/\$	+5 JPY		
Prec	Rate	JPY	129/Euro	JPY	118/Euro	+11 JPY		
onditi	Domestic Car Production		6.91		6.63	+0.28	+4.3%	
on	Overseas Car Production of Japanese		15.10		14.74	+0.36	+2.5%	
	(North America)		(4.45)		(4.72)	(-0.27)	(-5.7%)	
Precondition	Rate Domestic Car Production Overseas Car Production of Japanese (North America)	JPY	129/Euro 6.91 15.10 (4.45)	JPY	118/Euro 6.63 14.74 (4.72)	+5 JPY +11 JPY +0.28 +0.36 (-0.27)	+4.3% +2.5% (-5.7%)	owners of the parent company

#### [Overview of the Consolidated Financial Results]

- 1. Consolidated revenue totaled 3,699.1 billion yen, increased by 387.5 billion yen (+11.7%) from the previous year.
- 2. Consolidated operating profit excluding other income/expenses totaled 303.3 billion yen, increased by 60.9 billion yen (+25.1%) from the previous year.
- 3. Consolidated profit attributable to owners of the parent company totaled 251.3 billion yen, increased by 60.4 billion yen (+31.6%) from the previous year.



### [Sales by Customer (Quantity Base)]

#### Sales to Toyota Group

Sales to the Toyota Group increased by 6.1% from the previous year. The reasons are as follows; 1) The car production increased in Europe and China. 2) Attach rate of safety related products has been expanded in Japan.

#### Sales to non-Toyota Group companies

Sales to non-Toyota Group companies increased by 7.5% from last year. The reasons of each manufacture are as follows; 1)Honda : Increase of car production in China. Sales expansion of display related products in North America. 2) Suzuki : Increase of car production in Japan and India. 3) General Motors : Increase of car production in China and sales expansion of Common Rail Systems in North America.

\*The results contains sales of TDmobile Corporation and DENSO TEN LIMITED which have become Denso's subsidiary in 2017.



### [Sales by Product (Quantity Base)]

#### Sales of Thermal Systems Products

Sales increased in China and Europe due to the production volume increase.

#### **Sales of Powertrain Systems Products**

Sales increased in Asia due to the production volume increase, and in North America due to sales expansion.

#### Sales of Information & Safety Systems Products

Sales increased in Japan due to the production volume increase, and in North America due to sales expansion of safety related products.

\*The results contains sales of TDmobile Corporation and DENSO TEN LIMITED which have become Denso's subsidiary in 2017.



# [Factors that Contributed to Increases or Decreases in Operating Profit\*]

\*Excludes other income/expenses

#### **Negative factors**

- 1. Raw material cost : -17.0 billion yen was due to an increase in material costs.
- 2. Depreciation : -17.0 billion yen was due to the increase of capital investment for future competition area in addition to strengthen core production capabilities mainly for improving productivity.

#### **Positive factors**

- 1. Production volume increase: +45.0 billion yen was due to production volume increase and sales expansion.
- 2. Variable cost reduction: +30.0 billion yen was due to cost reduction efforts and improved productivity.



## [Revenue and Operating Profit by Each Region\*]

\*Based on Japanese yen



## [Revenue and Operating Profit by Each Region\*]

\*Excluding the effect of foreign exchange rates and other income/expenses

#### <u>In Japan</u>

- 1. The revenue increased by 12.6% from the previous year due to production volume increase and sales expansion.
- 2. Operating profit increased by 50.1% from the previous year due to production volume increase, cost reduction efforts. In addition, the change of payer, who pays foreign exchange balance, from Denso (Japan) to overseas group companies also caused to increase operating profit.

#### <u>Overseas</u>

- 1. The revenue increased all region due to car production increase and sales expansion.
- 2. Operating profit increased in Asia and Other regions due to cost reduction effort. However, the change of payers, who pay foreign exchange balance, as described above, caused to reduce operating profit of each region. As a result, operating profit decreased in North America and Europe.

	·	As of	FY18		Change from June 2017		FY			
	Jur	June 2017		Revised		Ratio	Act	ual		
Revenue		5,000.0		5,030.0	+30.0	+0.6%		4,527.1		
Operating Profit (Excludes other income/ expenses)	(7.5%)	373.0	(7.6%)	384.0	+11.0	+2.9%	(7.2%)	326.4		
Other income/ expenses	(0.0%)	17.0		11.0	-6.0			4.1		
Operating Profit	(7.8%)	390.0	(7.9%)	395.0	+5.0	+1.3%	(7.3%)	330.6		
Finance income/ costs & others(%1)	(0.0%)	40.0		40.0	+0.0			30.3		
Profit before Income Taxes	(8.6%)	430.0	(8.6%)	435.0	+5.0	+1.2%	(8.0%)	360.9		
Profit (%2)	(6.0%)	300.0	(6.1%)	306.0	+6.0	+2.0%	(5.7%)	257.6		
							(Unit:Milli	ons of Units)		
Foreign Exchange	JPY	111/\$	JPY	111/\$	-		JPY	108/\$		
Rate Domestic Car Production	JPY	126/Euro		128/Euro	+2 JPY		JPY	119/Euro		
dit Overseas Car Production of		9.39 19.99		9.39 20.08	+0.09	+0.4%		9.10 19.67		
G Japanese Manufacturers (North America)		(6.10)		(6.04)	(-0.06)	(-1.0%)		(6.38)		
<ul> <li>%1 Finance income.Financ</li> <li>%2 Profit attributable to own</li> </ul>				s/loss, Share o	of the profit of	associates a	ccounted for usin	g the equity met	∎ ethod	

#### [Full-Year Financial Forecast]

Regarding the full-year forecast, we have revised the revenues upward to 5,030 billion yen and operation profit exclude other income/expenses to 384.0 billion yen.

We used 111 yen to the U.S. dollar and 125 yen to the euro for the fourth quarter forecast. For the full-year forecast, we used 111 yen to the U.S. dollar and 128 yen to the euro.



#### [Factors that Contributed to Increases or Decreases in Full-Year Forecasts for Operating Profit\*]

\*Excludes other income/expenses

#### **Negative factors**

The depreciation allowance, expenses, and raw materials costs will increase by 73.5 billion yen.

#### **Positive factors**

The reduction in variable costs and the increase of production volume will lead to an increase of 131.0 billion yen.



### [Our Recent Activities]

#### 1. DENSO to Integrate Business with ASMO Co., Ltd. (ASMO)

We have announced that we will integrate business with ASMO, one of DENSO's consolidated subsidiaries, effective April 1, 2018 (planned). DENSO produces large motors and ASMO produces small motors. With this integration, we will be promoting both efficiency and speed of new product development. As a result, we will be the leading company in the electrification market.

#### 2. Accelerating Open Innovation with Other Companies

We have actively accelerated open innovation with other companies in the past quarter with the establishment of joint venture and investment for several venture companies.

We will continue these activities without being encumbered by existing business, and realize our numerical target of seven trillion yen for sales and 10% for profit ration in 2025.

## Appendix

- Non-Consolidated Financial Results
- Pre-Conditions (Foreign Exchange Rate/Car Production)
- Consolidated Revenue by Customer
- Consolidated Revenue by Product
- Trend of Capital Expenditures, Depreciation and R&D Expenditures
- Capital Expenditures, Depreciation, and R&D Expenditures



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## FY18 3<sup>rd</sup> Quarter Non-Consolidated Financial Results

#### Income Statements(Japanese accounting standards)

	(Ratio to	Sales)					(Unit: Billio	ns of Yen,%
Account	FY18	3Q		FY1	7	3Q	Cha Amount	ange %
Net Sales Operating Income Income Before Income Taxes Net Income	( 100.0 ) <sup>(</sup> 4.1 ) ( 8.0 ) ( 7.1 )	1,963.4 79.7 156.5 138.8	( ( (	100.0 2.4 7.0 5.9	) ) )	1,825.7 44.2 127.9 107.6	137.7 35.6 28.6 31.2	7.5 80.6 22.3 29.0



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## Pre-Conditions (Foreign Exchange Rate/Car Production)

		FY20	FY2018 First-Half FY2017 Second-Half									FY2018 Full Year						
						3Q			4Q									
		Prior Year	Actual	Change	Prior Year	Actual	Change	Prior Year	Revised Estimate	Change	Prior Year	Forecast as of Oct.28	Forecast (Revised)	Change	Prior Year	Forecast as of Oct.28	Forecast (Revised)	Change
Foreign Exchange	USD	105	111	+6	109	113	+ 4	114	110	- 4	111	110	111	-	108	111	111	+ 3
Rate (Yen)	EUR	118	126	+ 8	118	133	+15	121	125	+ 4	119	125	129	+10	119	126	128	+ 9
Forex Impact on Operating Income	USD														2.5	2.5	2.5	0.0
per Yen (Billions of Yen)	EUR														1.0	1.0	1.0	0.0
Car Production of	Domestic	4.30	4.52	+ 5%	2.33	2.39	+ 3%	2.47	2.48	+ 0%	4.80	4.87	4.87	+ 1%	9.10	9.39	9.39	+ 3%
Japanese Manufacturers	North America	3.18	3.01	- 5%	1.54	1.45	- 6%	1.66	1.59	- 4%	3.20	3.09	3.04	- 5%	6.38	6.10	6.04	- 5%
(Millions of Units)	Overseas	9.68	9.84	+ 2%	5.06	5.26	+ 4%	4.93	4.98	+ 1%	9.98	10.15	10.24	+ 3%	19.67	19.99	20.08	+ 2%

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## Consolidated Revenue (By Customer)

(Unit: Billions of Yen)

	FY2018 3Q FY2017 3Q Change			ge	Change excludes		
	Amount	% to Total	Amount	% to Tota	Amount	%	%
Toyota	1,525.5	41.2	1,415.0	42.7	110.5	7.8	5.3
Daihatsu	82.2	2.2	67.9	2.0	14.2	20.9	19.
Hino	43.9	1.2	38.5	1.2	5.4	14.0	13.
Toyota Group	1,651.5	44.6	1,521.4	45.9	130.1	8.6	6.
Honda	285.7	7.8	248.9	7.5	36.8	14.8	10.
FCA	168.9	4.6	152.3	4.6	16.6	10.9	4.
GM	138.3	3.8	123.8	3.7	14.4	11.7	6.
Ford	114.4	3.1	106.8	3.2	7.6	7.1	1.
Hyundai/Kia	100.9	2.7	103.0	3.1	-2.1	-2.0	-7.
Mazda	87.7	2.5	84.5	2.6	3.2	3.8	2.
Suzuki	85.0	2.3	70.3	2.1	14.7	20.9	16.
SUBARU	74.1	2.0	65.1	2.0	9.0	13.8	12.
Nissan	71.7	1.9	61.8	1.9	10.0	16.1	13.
VW/AUDI	60.4	1.6	57.4	1.7	3.0	5.3	-1.
Isuzu	41.7	1.1	36.2	1.1	5.5	15.1	11.
Mitsubishi	38.1	1.0	32.3	1.0	5.8	17.9	11.
BMW	31.2	0.8	32.2	1.0	-1.1	-3.3	-11.
Volvo	28.6	0.9	21.5	0.6	7.1	33.3	23.
Benz	25.8	0.7	24.9	0.8	1.0	3.9	-4.
PSA	24.4	0.7	17.6	0.5	6.8	39.0	28.
OE Sales for others	243.2	6.6	205.4	6.2	37.8	18.4	15.
OEM Total	3,271.6	88.4	2,965.3	89.5	306.3	10.3	6.
After-market, New business & Others(*)	427.5	11.6	346.2	10.5	81.3	23.5	20.
Total	3,699.1	100.0	3,311.5	100.0	387.5	11.7	8.

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## Consolidated Revenue (By Product)

#### (Unit: Billions of Yen,%)

	FY201	8 3Q	FY201	7 3Q	Chan	ge	Change excludes FX difference
	Amount	% to Total	Amount	% to Total	Amount	%	%
Thermal Systems	1,079.6	29.2	1,001.5	30.2	78.1	7.8	3.5
Powertrain Systems	929.8	25.1	850.2	25.7	79.6	9.4	5.2
Information & Safety Systems	640.5	17.3	545.4	16.5	95.1	17.4	15.0
Electrification Systems	365.4	9.9	328.6	9.9	36.9	11.2	7.5
Electronic Systems	287.4	7.8	274.0	8.3	13.3	4.9	2.5
Small Motors	234.4	6.3	222.8	6.7	11.7	5.2	4.0
Others(*)	54.2	1.5	42.8	1.3	11.4	26.7	23.9
Automotive Total	3,591.4	97.1	3,265.3	98.6	326.1	10.0	6.5
New Business Total	107.7	2.9	46.2	1.4	61.4	132.9	131.8
Total	3,699.1	100.0	3,311.5	100.0	387.5	11.7	8.1

\* Revenue of equipment, Repair parts, original brand products of subsidiaries



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## Capital Expenditures, Depreciation and R&D Expenditures

#### (Unit: Billions of Yen)

	3Q	FY17	FY18 3Q Forecast		3Q YTD Change	Progress to FY18
					from PY	Forecast
Japan	159.4	215.7	156.8	213.5	-1.6%	73.4%
North America	38.8	51.8	26.8	48.0	-30.9%	55.8%
Europe	16.8	23.6	21.0	30.5	25.0%	68.9%
Asia	32.4	44.1	38.3	57.0	18.2%	67.2%
Others	1.5	2.2	1.4	2.0	-6.7%	70.0%
Capital Exp.	249.0	337.4	244.1	351.0	-2.0%	69.5%
Japan	103.6	140.1	114.3	156.0	10.3%	73.3%
North America	19.4	27.0	24.0	30.5	23.7%	78.7%
Europe	13.7	19.0	16.2	21.5	18.2%	75.3%
Asia	38.0	52.1	41.8	55.5	10.0%	75.3%
Others	2.1	2.9	2.2	2.5	4.8%	88.0%
Depreciation	176.8	241.1	198.5	266.0	12.3%	74.6%
R&D Expenditure (Ratio to Revenue)	304.0 (9.2%)	409.2 (9.0%)	314.1 (8.5%)	450.0 (8.9%)	3.3%	69.8%

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