

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 2011 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2011 or fiscal plan year beginning <u>01/01/2011</u> and ending <u>12/31/2011</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ a single-employer plan; ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report; ☐ the final return/report; ☐ an amended return/report; ☐ a short plan year return/report (less than 12 months).
C If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information				
1a Name of plan MAHLE - UAW RETIREMENT AND SAVINGS PLAN FOR HOURLY EMPLOYEES AT THE PERFECT CIRCLE DIVISION FRANKLIN, KENTUCKY CAST IRON PLANT	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;">108</td> </tr> <tr> <td colspan="2">1c Effective date of plan 01/01/1999</td> </tr> </table>	1b Three-digit plan number (PN) ▶	108	1c Effective date of plan 01/01/1999	
1b Three-digit plan number (PN) ▶	108				
1c Effective date of plan 01/01/1999					
2a Plan sponsor's name and address, including room or suite number (Employer, if for single-employer plan) MAHLE INDUSTRIES, INCORPORATED ONE MAHLE DRIVE P.O. BOX 748 MORRISTOWN, TN 37815	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) 58-2431334</td> </tr> <tr> <td>2c Sponsor's telephone number 423-318-3137</td> </tr> <tr> <td>2d Business code (see instructions) 336300</td> </tr> </table>	2b Employer Identification Number (EIN) 58-2431334	2c Sponsor's telephone number 423-318-3137	2d Business code (see instructions) 336300	
2b Employer Identification Number (EIN) 58-2431334					
2c Sponsor's telephone number 423-318-3137					
2d Business code (see instructions) 336300					

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/04/2012	FRANK KOHLER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/04/2012	FRANK KOHLER
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Form 5500 (2011)
v.012611

3a Plan administrator's name and address (if same as plan sponsor, enter "Same") MAHLE INDUSTRIES, INCORPORATED ONE MAHLE DRIVE P.O. BOX 748 MORRISTOWN, TN 37815	3b Administrator's EIN 58-2431334 3c Administrator's telephone number 423-318-3137
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4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
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5 Total number of participants at the beginning of the plan year	5	112
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6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).		
a Active participants.....	6a	20
b Retired or separated participants receiving benefits.....	6b	0
c Other retired or separated participants entitled to future benefits.....	6c	20
d Subtotal. Add lines 6a , 6b , and 6c	6d	40
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e	0
f Total. Add lines 6d and 6e	6f	40
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....	6g	37
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6h	0

7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	
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8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:

2E 2J 2F 2G 2K 3D 3H 2T

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☒ 1 **A** (Insurance Information)
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

SCHEDULE A (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 <hr/> 2011 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>MAHLE - UAW RETIREMENT AND SAVINGS PLAN FOR HOURLY EMPLOYEES AT THE PERFECT CIRCLE DIVISION FRANKLIN, KENTUCKY CAST IRON PLANT</u>	B Three-digit plan number (PN) ►	<u>108</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MAHLE INDUSTRIES, INCORPORATED</u>	D Employer Identification Number (EIN) <u>58-2431334</u>	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
04-1590850	65935	SF 51587	40	01/01/2011	12/31/2011

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in item 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end	5	640967

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier	6b	
c Premiums due but unpaid at the end of the year	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan check here ▶ ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ **GROUP ANNUITY CONTRACT**

b Balance at the end of the previous year	7b	2845362
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c Additions: (1) Contributions deposited during the year	7c(1)	55902	
(2) Dividends and credits	7c(2)	0	
(3) Interest credited during the year	7c(3)	87342	
(4) Transferred from separate account	7c(4)	859626	
(5) Other (specify below)	7c(5)	104162	

▶ LN INT, LN PRIN, LOAN DEFAULT, LOAN

(6) Total additions	7c(6)	1107032
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d Total of balance and additions (add b and c(6))	7d	3952394
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	3087535	
(2) Administration charge made by carrier	7e(2)	2410	
(3) Transferred to separate account	7e(3)	0	
(4) Other (specify below)	7e(4)	5392	

▶ UNREALIZED LOSS

(5) Total deductions	7e(5)	3095337
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f Balance at the end of the current year (subtract e(5) from d)	7f	857057
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves.....	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged.....		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions.....	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes.....	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves.....		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in c(2).).....		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier.....	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, item 2 above, report amount.	10b	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2011
		This Form is Open to Public Inspection.

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>MAHLE - UAW RETIREMENT AND SAVINGS PLAN FOR HOURLY EMPLOYEES AT THE PERFECT CIRCLE DIVISION FRANKLIN, KENTUCKY CAST IRON PLANT</u>	B Three-digit plan number (PN) ▶ <u>108</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MAHLE INDUSTRIES, INCORPORATED</u>	D Employer Identification Number (EIN) <u>58-2431334</u>

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Enter name and EIN or address of person who provided you disclosure on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WELLS FARGO ADVISORS, LLC

34-1542819

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	ADVISOR	0	Yes ☒ No ☐	Yes ☐ No ☒	22500	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

ERNST AND YOUNG, LLP

34-6565596

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	0	Yes ☒ No ☐	Yes ☐ No ☒	5149	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52 60 63 64 67 68 72	CONTRACT ADMINISTRATOR	3180	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
WELLS FARGO ADVISORS, LLC	27	22500
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> <p>04-1590850</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>PLAN RELATED EXPENSES</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>ERNST AND YOUNG, LLP</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">10</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: right;">5149</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> <p>04-1590850</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>PLAN RELATED EXPENSES</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: right;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>SMALL CAP VALUE II COLUMBIA</p> <p>01-0656226</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	52 72	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>RETIRESMART 2010</p> <p>03-0532456</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">52 72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>RETIRESMART IN RETIREMENT</p> <p>03-0532464</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">52 72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>RETIRESMART 2020</p> <p>03-0532467</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	52 72	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
RETIRESMART 2030	BASIS POINTS * PLAN ASSETS	
03-0532468		
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	52 72	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
RETIRESMART 2040	BASIS POINTS * PLAN ASSETS	
03-0532471		
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	67	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
SAGIC 51587	BASIS POINTS * PLAN ASSETS	
04-1590850		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>PREMIER MONEY MARKET BABSON</p> <p>04-3212059</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>PREMIER CORE BOND BABSON</p> <p>04-3277549</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>SELECT INDEXED EQTY NORTHRN TRUST</p> <p>04-3410047</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SELECT SM CAP GR W & R/WELLINGTON 04-3464205	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SELECT MID CAP GR II TRP/FRONTIER 04-3512596	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SEL OVERSEAS MFS/HARRIS/JPMORGAN 04-3557000	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>SELECT FUNDAMENTAL VAL WELLINGTON</p> <p>04-3584138</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>SEL SMCVAL FED CLOV/TRP/ERNST</p> <p>04-3584140</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">52 72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>RETIRESMART 2050</p> <p>26-1345332</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>IVY FUNDS ASSET STRATEGIES</p> <p>48-1112076</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">72</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>PREMIER GLOBAL OFI</p> <p>51-0529334</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(a) Enter service provider name as it appears on line 2</p> <p>MASSACHUSETTS MUTUAL LIFE INS. CO.</p> </div> <div style="width: 20%;"> <p>(b) Service Codes (see instructions)</p> <p style="text-align: center;">60</p> </div> <div style="width: 20%;"> <p>(c) Enter amount of indirect compensation</p> <p style="text-align: center;">0</p> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>(d) Enter name and EIN (address) of source of indirect compensation</p> <p>GROWTH AMERICA AMERICAN</p> <p>52-0792143</p> </div> <div style="width: 40%;"> <p>(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.</p> <p>BASIS POINTS * PLAN ASSETS</p> </div> </div>		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GLOBAL STRATEGIC INCOME OFI 84-1120195	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
INTERNATIONAL BOND OFI 84-1308320	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MID CAP VALUE PERKINS 84-1458637	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
NEW WORLD AMERICAN 95-4727424	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
EUROPACIFIC GROWTH AMERICAN 95-6810128	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III **Termination Information on Accountants and Enrolled Actuaries (see instructions)**
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="border: 1px solid black; padding: 5px; font-size: 1.2em; font-weight: bold;">2011</div> This Form is Open to Public Inspection.
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For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>MAHLE - UAW RETIREMENT AND SAVINGS PLAN FOR HOURLY EMPLOYEES AT THE PERFECT CIRCLE DIVISION FRANKLIN, KENTUCKY CAST IRON PLANT</u>	B Three-digit plan number (PN) ►	<u>108</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>MAHLE INDUSTRIES, INCORPORATED</u>	D Employer Identification Number (EIN) <u>58-2431334</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-CW INTERNATIONAL BOND</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>90-0342299-008</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0		
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-E PREMIER CORE BOND</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>04-1590850-041</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 42632		
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-GW GROWTH AMERICA</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>04-1590850-418</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 275326		
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-J1 RETIRESMART IN RETIREMENT</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>04-1590850-253</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0		
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-K1 RETIRESMART 2020</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>04-1590850-262</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 169946		
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-KR EUROPACIFIC GROWTH</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>04-1590850-416</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0		
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>SIA-M1 RETIRESMART 2040</u>				
b Name of sponsor of entity listed in (a): <u>MASSACHUSETTS MUTUAL LIFE INSURANCE</u>				
c EIN-PN <u>04-1590850-270</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0		

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-ND PREMIER GLOBAL		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-079	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-PX NEW WORLD		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 90-0342299-109	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SC SELECT SM CAP GR		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-105	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SH SEL OVERSEAS		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-166	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16193
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SK SELECT FUNDAMENTAL VAL		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-174	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 136869
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SY SEL SMCVAL		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-171	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-T8 GLOBAL STRATEGIC INCOME		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-348	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-TI MID CAP VALUE		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 90-0342299-017	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WF SELECT MID CAP GR II		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-126	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-YG PREMIER MONEY MARKET		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 04-1590850-139	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0

a Name of MTIA, CCT, PSA, or 103-12 IE: [SIA-ZX SELECT INDEXED EQTY](#)
b Name of sponsor of entity listed in (a): [MASSACHUSETTS MUTUAL LIFE INSURANCE](#)

c EIN-PN 04-1590850-189	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
--	--	---

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
-----------------	----------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
-----------------	----------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
-----------------	----------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
-----------------	----------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
-----------------	----------------------	---

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2011
		This Form is Open to Public Inspection

For calendar plan year 2011 or fiscal plan year beginning <u>01/01/2011</u> and ending <u>12/31/2011</u>	
A Name of plan MAHLE - UAW RETIREMENT AND SAVINGS PLAN FOR HOURLY EMPLOYEES AT THE PERFECT CIRCLE DIVISION FRANKLIN, KENTUCKY CAST IRON PLANT	B Three-digit plan number (PN) <u>108</u>
C Plan sponsor's name as shown on line 2a of Form 5500 MAHLE INDUSTRIES, INCORPORATED	D Employer Identification Number (EIN) 58-2431334

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)	764	
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities.....	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	186637	6927
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts.....	1c(10)	2427259	640967
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	19523	
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	2845362	857056
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	5479545	1504950

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	5479545	1504950
---	-----------	---------	---------

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	0	
(B) Participants	2a(1)(B)	51043	
(C) Others (including rollovers)	2a(1)(C)	39422	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		90465
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	5826	
(F) Other	2b(1)(F)	87342	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		93168
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0

		(a) Amount	(b) Total
2b (5) Unrealized appreciation (depreciation) of assets: (A) Real estate.....	2b(5)(A)		
(B) Other	2b(5)(B)	-5392	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-5392
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-38361
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		865
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		140745

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	4112160	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		4112160
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions).....	2g		0
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	3180	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	0	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		3180
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		4115340

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-3974595
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG LLP

(2) EIN: 34-6565596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

- 4** CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete 4j and 4l. MTIAs also do not complete 4l.

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.).....		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....		X	
e Was this plan covered by a fidelity bond?.....	X		15000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.).....		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?.....		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

- 5a** Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?

If "Yes," enter the amount of any plan assets that reverted to the employer this year..... ☐ Yes ☒ No Amount:

- 5b** If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)

5b(2) EIN(s)	5b(3) PN(s)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2011 This Form is Open to Public Inspection.
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For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>MAHLE - UAW RETIREMENT AND SAVINGS PLAN FOR HOURLY EMPLOYEES AT THE PERFECT CIRCLE DIVISION FRANKLIN, KENTUCKY CAST IRON PLANT</u>	B Three-digit plan number (PN) ▶ <u>108</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MAHLE INDUSTRIES, INCORPORATED</u>	D Employer Identification Number (EIN) <u>58-2431334</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>04-1590850</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part)
----------------	--

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?.....	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____	If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?.....	☐ Yes	☐ No	☐ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
--	-----------------------------------	-----------------------------------	-------------------------------	-----------------------------

Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. Complete as many entries as needed to report all applicable employers.

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	14a	
b The plan year immediately preceding the current plan year	14b	
c The second preceding plan year	14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If item 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete items (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate item 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULE

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant
Years Ended December 31, 2011 and 2010
With Report of Independent Auditors

Ernst & Young LLP

 **ERNST & YOUNG**

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Financial Statements and Supplemental Schedule

Years Ended December 31, 2011 and 2010

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Report of Independent Auditors

The Board of Directors
MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division Franklin,
Kentucky Cast Iron Plant

We were engaged to audit the accompanying statements of assets available for benefits of the MAHLE-UAW Retirement and Savings Plan for Hourly Employees at the Perfect Circle Division Franklin, Kentucky Cast Iron Plant as of December 31, 2011 and 2010, and the related statements of changes in assets available for benefits for the years then ended, and the supplemental schedule of assets (held at end of year) as of December 31, 2011. These financial statements and supplemental schedule are the responsibility of the Plan's management.

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the investment information summarized in Note 3, which was certified by Massachusetts Mutual Life Insurance Company, the custodian of the Plan, except for comparing such information with the related information included in the financial statements and supplemental schedule. We have been informed by the plan administrator that the custodian holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the custodian as of December 31, 2011 and 2010, and for the years then ended, that the information provided to the plan administrator by the custodian is complete and accurate.

Because of the significance of the information that we did not audit, we are unable to, and do not, express an opinion on these accompanying financial statements and supplemental schedule, as a whole. The supplemental schedule is presented for the purposes of additional analysis and is not a required part of the financial statements, but are required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the investment information certified by the custodian, have been audited by us in accordance with auditing standards generally accepted in the United States and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Ernst & Young LLP

September 27, 2012

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Statements of Assets Available for Benefits

	December 31	
	2011	2010
Investments, at fair value:		
Pooled separate accounts	\$ 640,967	\$ 2,427,259
MassMutual fixed interest fund	857,056	2,845,362
Mutual fund investments	—	19,523
Total investments	<u>1,498,023</u>	<u>5,292,144</u>
Receivables:		
Notes receivable and interest receivable from participants	6,927	186,637
Participant contributions receivable	—	764
Assets available for benefits at fair value	<u>1,504,950</u>	<u>5,479,545</u>
Adjustment from fair value to contract value for fully benefit-responsive investment contract	<u>(41,178)</u>	<u>(46,570)</u>
Assets available for benefits	<u><u>\$ 1,463,772</u></u>	<u><u>\$ 5,432,975</u></u>

See accompanying notes.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Statements of Changes in Assets Available for Benefits

	Year Ended December 31	
	2011	2010
Additions		
Participant contributions	\$ 51,043	\$ 81,752
Rollover contributions	39,422	—
Total contributions	90,465	81,752
Interest income on notes receivable from participants	5,826	13,487
Total additions	96,291	95,239
Deductions		
Benefits paid to participants	4,112,160	1,055,174
Administrative fees and expenses	3,179	2,005
Total deductions	4,115,339	1,057,179
Investment income		
Net realized and unrealized (depreciation) appreciation, pooled separate accounts	(38,362)	310,882
Interest, guaranteed investment contract	87,342	105,129
Interest, mutual fund investments	865	836
Total investment income	49,845	416,847
Net decrease in assets available for benefits	(3,969,203)	(545,093)
Assets available for benefits at beginning of year	5,432,975	5,978,068
Assets available for benefits at end of year	\$ 1,463,772	\$ 5,432,975

See accompanying notes.

**MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant**

Notes to Financial Statements

December 31, 2011 and 2010

1. Description of Plan

The following description of the MAHLE-UAW Retirement and Savings Plan for Hourly Employees at the Perfect Circle Division Franklin, Kentucky Cast Iron Plant (the Plan) provides general information about the Plan's provisions. MAHLE Industries, Incorporated (the Company) is the plan sponsor. Participants should refer to the plan document and summary plan description for a more complete description of the Plan's provisions, copies of which may be obtained from the plan sponsor.

General

The Plan is a defined contribution employee benefit plan that provides benefits to employees at the Company's Franklin, Kentucky plant who are members of the collective bargaining unit represented by the International Union, United Automobile, Aerospace, and Agriculture Implement Workers of America (UAW), and Local 2370 (the Union) at the Franklin, Kentucky Cast Iron Plant. It is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). During late 2011, the Cast Iron Plant in Franklin, Kentucky closed. There are no current plans to terminate or merge this 401(k) plan as of December 31, 2011.

Participation

Eligible employees who are members of the collective bargaining unit represented by the Union are able to participate in the Plan upon completion of 60 days of employment with the Company or 120 days in the case of a vacation replacement employee.

Contributions

Participants may defer up to 15% of their compensation, as defined in the Plan, on a pretax basis and up to 10% of their compensation on an after-tax basis. Participant contributions, including catch-up contributions for participants age 50 or over, are limited to maximum amounts allowed under the Internal Revenue Code (IRC).

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

1. Description of Plan (continued)

Participant Accounts

Participants' accounts are credited with their compensation deferrals and earnings based on the performance of investment options selected by the participants.

Participants may direct contributions into their accounts among the investment options available and may change their selection and transfer invested balances at any time at their discretion.

Vesting

Participants are immediately vested in their participant contributions at all times.

Payment of Benefits

In accordance with the Plan's provisions, upon retirement after attaining normal retirement age, earlier termination of employment, or disability, participating employees may receive payment of their account balance in a lump sum or equal installments. Upon a participant's death, the designated beneficiary of the participant is entitled to receive payment of the participant's account balance in a lump sum.

If the participant's account balance is \$1,000 or less, payment will be made in a lump sum without the participant's consent. If the account balance is over \$1,000 but not greater than \$5,000, payment will be made to an individual retirement account at Massachusetts Mutual Life Insurance Company (MassMutual), or such other provider as the Company designates in accordance with Department of Labor guidelines, unless the participant requests a different disposition of his account balance within the applicable election period.

A participant's rollover account is available for distribution upon request.

Hardship Withdrawals

Subject to IRC regulations and approval by the plan administrator, participants may make hardship withdrawals up to the amount of the participant's contributions. A participant is prohibited from making elective deferrals into this and all other plans of the Company for six months after receipt of the distribution.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

1. Description of Plan (continued)

Participant Loans

The Plan may extend loans to participants. These loans will not be made for less than \$1,000 or exceed the lesser of 50% of the participant's account balance, 100% of the participant's account exclusive of earnings, or \$50,000, less the highest amount of outstanding loan balances to the participant for the previous 12-month period. Loan terms will not be longer than 60 months unless the loan is used to acquire a principal residence, in which case the term may not exceed 120 months. Interest on loans is charged at a rate equal to 1% above the prime rate.

As participant loans are repaid, the amounts are allocated to the investment funds according to the participant's most recent election with respect to current contributions.

Plan Termination

The intention of the Company is to continue the Plan indefinitely. However, the Company reserves the right to modify, amend, or terminate the Plan at any time, subject to Union consent.

In the event of complete or partial termination of the Plan, the full value of each participant's account as of the valuation date coincident with or next following the effective date of such termination or discontinuance will immediately become distributable to the participant.

Administration

The Plan is administered by the Benefits Committee of the Company. MassMutual is the custodian of the Plan and manages the Plan's assets in accordance with the terms of the agreement.

Administrative Expenses

Generally, the Company pays all expenses, including fees for professional services associated with the administration of the Plan.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

2. Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting.

Contributions

Contributions from the Plan's participants are recorded at the end of each pay period when the amounts are withheld from the participants' compensation.

Benefit Payments

Benefit payments to participants are recorded when paid.

Notes Receivable From Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2011 or 2010. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced, and a benefit payment is recorded.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). See Note 4 for further discussion of fair value measurements.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

2. Significant Accounting Policies (continued)

The Plan invests in a fully benefit-responsive guaranteed investment contract (GIC). This investment contract is recorded at fair value; however, since this contract is fully benefit-responsive, an adjustment is reflected in the statements of assets available for benefits to present this investment at contract value. Contract value is the relevant measurement attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The contract value of the fully benefit-responsive investment contract represents contributions plus earnings, less participant withdrawals and administrative expenses. See Note 5 for further discussion of the fully benefit-responsive investment contract.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned. Dividends are recorded on the ex-dividend date. Net realized and unrealized (depreciation) appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles in the United States requires the plan administrator to make estimates and assumptions that affect the amounts reported in the financial statements, accompanying notes, and supplemental schedules. Actual results could differ from those estimates.

New Accounting Pronouncements

In January 2010, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2010-06, *Improving Disclosures about Fair Value Measurements*. ASU 2010-06 amended Accounting Standards Codification (ASC) 820, *Fair Value Measurement*, to clarify certain existing fair value disclosures and require a number of additional disclosures. The requirement to present changes in Level 3 measurements on a gross basis is effective for reporting periods beginning after December 15, 2010. Since ASU 2010-06 only affects fair value measurement disclosures, adoption of ASU 2010-06 did not have an effect on the Plan's assets available for benefits or its changes in assets available for benefits.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

2. Significant Accounting Policies (continued)

In May 2011, the FASB issued ASU 2011-04, *Amendments to Achieve Common Fair Value Measurements and Disclosure Requirements in U.S. GAAP and IFRSs*. ASU 2011-04 amended ASC 820, to converge the fair value measurement guidance in U.S. generally accepted accounting principles (GAAP) and International Financial Reporting Standards (IFRSs). Some of the amendments clarify the application of existing fair value measurement requirements, while other amendments change a particular principle in ASC 820. In addition, ASU 2011-04 requires additional fair value disclosures, although certain of these new disclosures will not be required for nonpublic entities. The amendments are to be applied prospectively and are effective for annual periods beginning after December 15, 2011. Plan management is currently evaluating the effect that the provisions of ASU 2011-04 will have on the Plan's financial statements.

3. Investments

All investment information disclosed in the accompanying financial statements and supplemental schedule, including investments held; notes receivable from participants; the adjustment from fair value to contract value for the fully benefit-responsive investment contract at December 31, 2011 and 2010; and net (depreciation) appreciation in fair value of investments, interest, dividends, and interest income on notes receivable from participants for the years then ended, was obtained or derived from information provided to the plan administrator and certified as complete and accurate by MassMutual, the custodian of the Plan.

The fair values of the Plan's investments that represent 5% or more of assets available for benefits are as follows:

	December 31	
	2011	2010
Pooled separate accounts:		
RetireSMART 2020	\$ 169,947	\$ 524,413
Growth America	275,326	928,798
Select Fundamental Value	136,869	639,701
MassMutual Fixed Interest Fund*	857,056	2,845,362

* Investment stated at fair value (see Note 4). Contract value was \$815,877 and \$2,798,792 at December 31, 2011 and 2010, respectively.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

4. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., an exit price). The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets and liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

Level 1 – Unadjusted quoted prices in active markets that are accessible to the reporting entity at the measurement date for identical assets and liabilities.

Level 2 – Inputs other than quoted prices in active markets for identical assets and liabilities that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:

- Quoted prices for similar assets and liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in markets that are not active
- Observable inputs other than quoted prices that are used in the valuation of the assets or liabilities (e.g., interest rate and yield curve quotes at commonly quoted intervals)
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means

Level 3 – Unobservable inputs for the asset or liability (i.e., supported by little or no market activity. Level 3 inputs include management's own assumption about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk).

The level in the fair value hierarchy within which the fair value measurement is classified is determined based the lowest-level input that is significant to the fair value measurement in its entirety.

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

Following is a description of the valuation methodologies used for the Plan's assets measured at fair value as of December 31, 2011 and 2010:

Investment Contract (Fixed Interest Fund) – This investment is recorded at contract value, which approximates fair value. Fair value is determined based on liquidation value, which is the market value of the assets underlying the contract. See Note 5 for further information related to the valuation of this investment.

Pooled Separate Accounts – Pooled separate accounts are valued on a net unit value basis as determined by the account issuer on the last business day of the plan year. The fair values of these investments are determined by reference to the respective fund's underlying assets, with the account issuer specifying the source(s) to use for underlying investment asset prices. The investments underlying the Plan's pooled separate accounts may be one or more mutual funds, a common collective trust, or a portfolio of securities. There are no redemption restrictions on these assets.

Registered Investment Companies – Valued at quoted market prices, which represent the net asset value (NAV) of shares held by the Plan at year-end.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets carried at fair value as of December 31, 2011:

Assets at Fair Value as of December 31, 2011				
	Level 1	Level 2	Level 3	Total
MassMutual Fixed Interest Fund	\$ —	\$ —	\$ 857,056	\$ 857,056
Pooled separate accounts:				
U.S. equities	—	582,142	—	582,142
Non-U.S. equities	—	16,193	—	16,193
Bonds	—	42,632	—	42,632
Total assets at fair value	\$ —	\$ 640,967	\$ 857,056	\$ 1,498,023

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

The following table sets forth by level, within the fair value hierarchy, the Plan's assets carried at fair value as of December 31, 2010:

	Assets at Fair Value as of December 31, 2010			
	Level 1	Level 2	Level 3	Total
MassMutual Fixed Interest Fund	\$ —	\$ —	\$ 2,845,362	\$ 2,845,362
Pooled separate accounts:				
U.S. equities	—	2,149,542	—	2,149,542
Non-U.S. equities	—	63,388	—	63,388
Bonds	—	214,329	—	214,329
Registered investment companies:				
U.S. equities	19,523	—	—	19,523
Total assets at fair value	\$ 19,523	\$ 2,427,259	\$ 2,845,362	\$ 5,292,144

Level 3 Gains and Losses

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2011.

	<u>MassMutual Fixed Interest Fund</u>
Balance, December 31, 2010	\$ 2,845,362
Interest	90,726
Purchases	1,016,305
Sales	(3,089,945)
Transfers	(5,392)
Balance, December 31, 2011	<u>\$ 857,056</u>

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2010.

	MassMutual Fixed Interest Fund
Balance, December 31, 2009	\$ 2,623,927
Interest	113,357
Purchases	649,847
Sales	(610,139)
Transfers	68,370
Balance, December 31, 2010	<u>\$ 2,845,362</u>

5. Fully Benefit-Responsive Investment Contract With Insurance Company

The Plan invests in a fully benefit-responsive guaranteed investment contract, the MassMutual Fixed Interest Fund. The MassMutual Fixed Interest Fund is a market value separate account investment option with a general investment account guarantee that provides a stated rate of return and insulates participants' accounts from daily fluctuations in the market. Under the terms of the group annuity contract, participants may direct permitted withdrawal and/or transfer transactions of all or a portion of their account balance at contract value. There are no reserves against contract values for credit risk of MassMutual or otherwise.

The crediting interest rates are based on a formula agreed upon with the issuer, but they may not be less than 3%. Such interest rates are reviewed on a semiannual basis for resetting. The average yield and crediting interest rates on the contract were 4.72% and 3.84% for 2011 and 2010, respectively. The average yield earned is calculated by dividing the annual interest credited to the Plan during the plan year by the average fair value. The average interest rate credited to participants is calculated by dividing the annual interest credited to the participants during the plan year by the average annual fair value. The key factors that influence future interest crediting rates could include the following: the level of market interest rates; the amount and timing of

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

5. Fully Benefit-Responsive Investment Contract With Insurance Company (continued)

participant contributions, transfers, and withdrawals into/out of the contract; and the duration of the underlying investments backing the contract. The resulting gains and losses in the fair value of the investment contract relative to the contract value are reflected in the statements of assets available for plan benefits as adjustment from fair value to contract value for interest in guaranteed investment contract relating to fully benefit-responsive investment contracts.

Certain events may limit the ability of the Plan to transact at contract value. Such events include but may not be limited to the following: (1) temporary absence; (2) change in position or other occurrence qualifying as a temporary break in service under the Plan; (3) transfer or other change of position resulting in employment by an entity controlling, controlled by, or under other common control with the employer; or (4) cessation of an employment relationship resulting from a reorganization, merger, layoff, or the sale or discontinuance of all or any part of the plan sponsor's business.

The GIC does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

6. Income Tax Status of the Plan

The underlying non-standardized prototype plan has received an opinion letter from the Internal Revenue Service (IRS) dated May 11, 2009 stating that the form of the plan is qualified under Section 401(a) of the Internal Revenue Code (the Code) and, therefore, the related trust is tax-exempt. In accordance with Revenue Procedures 2011-6 and 2011-49, the plan administrator has determined that it is eligible to and has chosen to rely on the current IRS prototype plan opinion letter. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2011, there are no

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

6. Income Tax Status of the Plan (continued)

uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes the Plan is no longer subject to income tax examinations for years prior to 2008.

7. Related-Party Transactions

Certain of the Plan's assets are invested in funds managed by the custodian of the Plan. Those transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transaction rules under ERISA.

8. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market volatility, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of assets available for benefits.

9. Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements at December 31, 2011 and 2010, to the Form 5500:

	December 31	
	2011	2010
Assets available for benefits per the financial statements	\$ 1,463,772	\$ 5,432,975
Add: Adjustment from fair value to contract value for guaranteed investment contracts	41,178	46,570
Assets available for benefits per the Form 5500	<u>\$ 1,504,950</u>	<u>\$ 5,479,545</u>

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

Notes to Financial Statements (continued)

9. Reconciliation of Financial Statements to the Form 5500 (continued)

The following is a reconciliation of total additions per the financial statements to total income per the Form 5500 for the year ended December 31, 2011:

Net decrease per the financial statements	\$ (3,969,203)
Add: Adjustment from fair value to contract value for fully benefit-responsive investment contracts at December 31, 2011	41,178
Less: Adjustment from fair value to contract value for fully benefit-responsive investment contracts at December 31, 2010	<u>(46,570)</u>
Total loss per the Form 5500	<u><u>\$ (3,974,595)</u></u>

The following is a reconciliation of total additions per the financial statements to total income per the Form 5500 for the year ended December 31, 2010:

Net decrease per the financial statements	\$ (545,093)
Add: Adjustment from fair value to contract value for fully benefit-responsive investment contracts at December 31, 2010	46,570
Add: Adjustment from fair value to contract value for fully benefit-responsive investment contracts at December 31, 2009	<u>21,800</u>
Total loss per the Form 5500	<u><u>\$ (476,723)</u></u>

10. Subsequent Events

The plan administrator evaluated subsequent events for the Plan through September 27, 2012, the date the financial statements were available to be issued.

Supplemental Schedule

MAHLE-UAW Retirement and Savings Plan for
Hourly Employees at the Perfect Circle Division
Franklin, Kentucky Cast Iron Plant

EIN #58-2431334 Plan #108

Schedule H, Line 4i – Schedule of Assets
(Held at End of Year)

December 31, 2011

Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
* MassMutual	Fixed Interest Fund	**	\$ 857,056
* MassMutual	Premier Core Bond	**	42,632
* MassMutual	Growth America	**	275,326
* MassMutual	RetireSMART 2020	**	169,947
* MassMutual	Select Overseas	**	16,193
* MassMutual	Select Fundamental Value	**	136,869
Participant loans	Interest rates ranging from 4.25% to 9.25%	**	6,927
			<u>\$ 1,504,950</u>

* Party-in-interest investment.

** Participant-directed investment, cost not required.

Ernst & Young LLP

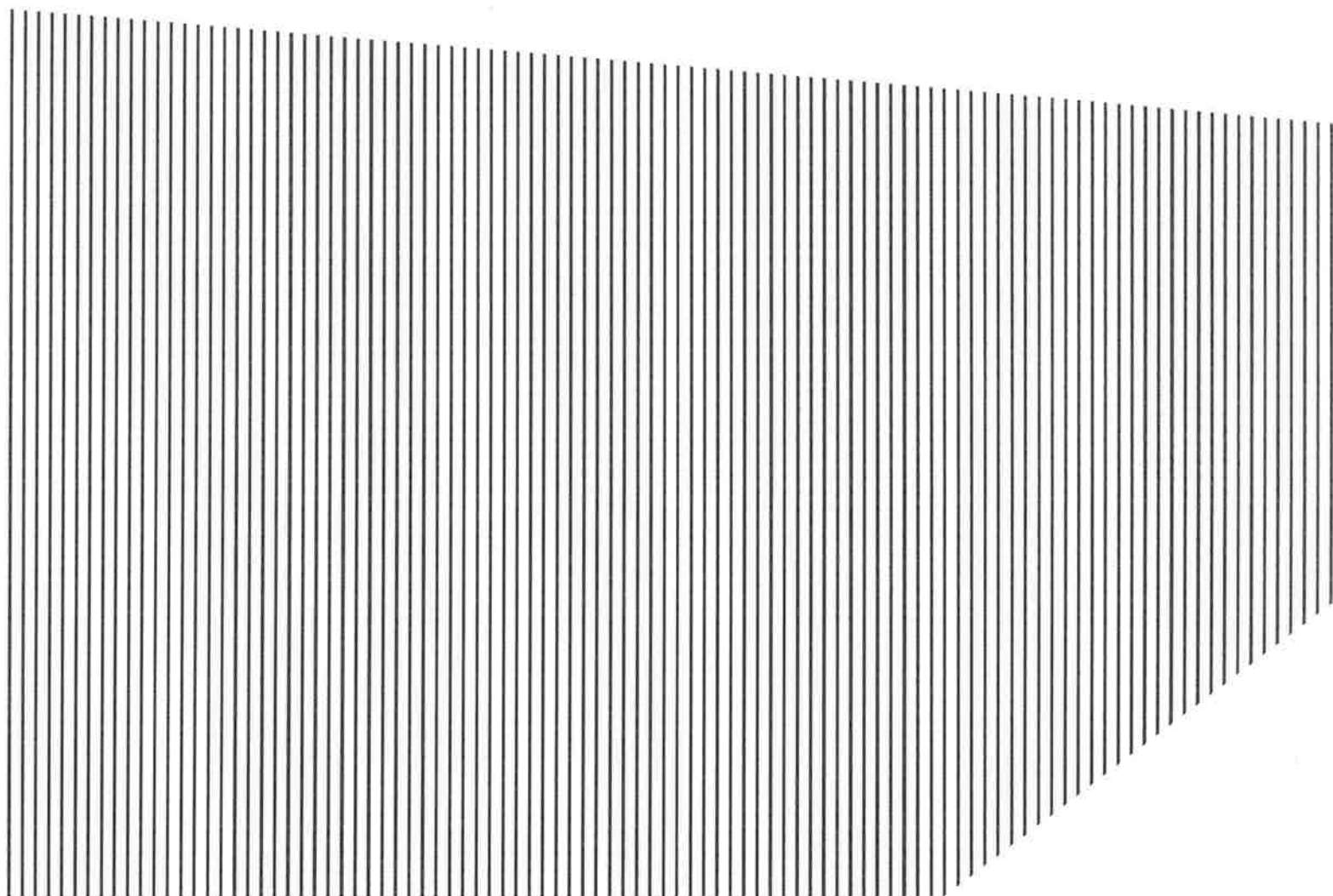
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A Name of Plan Mahle - UAW Retirement and Savings Plan for Hourly Employees at the Perfect Circle Division Franklin, Kentucky Cost	B Three-digit plan Number 108	
C Plan sponsor's name as shown on line 2a of Form 5500 MAHLE Industries, Incorporated	D Employer Identification Number 582431334	

Schedule C Formula Description and/or EIC Statement Description

Service Provider Name	Service Provider EIN	Service Provider Address	Formula / EIC Statement
American Funds	520792143		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to the Growth America (American) separate account (SIA-GW).
American Funds	520792143		MassMutual provided the plan with the required written disclosure for Other Fees received by American Funds with respect to the Growth America (American) separate account (SIA-GW).
American Funds	954727424		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to the New World (American) separate account (SIA-PX).
American Funds	954727424		MassMutual provided the plan with the required written disclosure for Other Fees received by American Funds with respect to the New World (American) separate account (SIA-PX).
American Funds	956810128		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to the EuroPacific Growth (American) separate account (SIA-KR).
American Funds	956810128		MassMutual provided the plan with the required written disclosure for Other Fees received by American Funds with respect to the EuroPacific Growth (American) separate account (SIA-KR).
Columbia	010656226		MassMutual provided the Plan with the required written disclosure for Management Fees received by Columbia with respect to the Small Cap Value II (Columbia) separate account (SIA-PC).
Columbia	010656226		MassMutual provided the plan with the required written disclosure for Other Fees received by Columbia with respect to the Small Cap Value II (Columbia) separate account (SIA-PC).
Harbor Capital Advisors Inc	341570746		MassMutual provided the Plan with the required written disclosure for Management Fees received by Harbor Capital Advisors Inc with respect to Harbor International (OF 25926).
Harbor Capital Advisors Inc	341570746		MassMutual provided the plan with the required written disclosure for Other Fees received by Harbor Capital Advisors Inc with respect to Harbor International (OF 25926).
Ivy Funds	481112076		MassMutual provided the Plan with the required written disclosure for Management Fees received by Ivy Funds with respect to Ivy Funds Asset Strategies (OF 30067).
Ivy Funds	481112076		MassMutual provided the plan with the required written disclosure for Other Fees received by Ivy Funds with respect to Ivy Funds Asset Strategies (OF 30067).
Janus	841458637		MassMutual provided the Plan with the required written disclosure for Management Fees received by Janus with respect to the Mid Cap Value (Perkins) separate account (SIA-TI).
Janus	841458637		MassMutual provided the plan with the required written disclosure for Other Fees received by Janus with respect to the Mid Cap Value (Perkins) separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the Plan the required written disclosure for soft dollar compensation received by the subadviser with respect to the Premier Global (OFI) separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the Plan the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Overseas (MFS/Harris/JPMorgan) separate account (SIA-SH).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the Plan the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) separate account (SIA-SY).

Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Fundamental Val (Wellington) separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Mid Cap Gr II (TRP/Frontier) separate account (SIA-WF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Sm Cap Gr (W&R/Wellington) separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to Harbor International (OF 25926).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to Ivy Funds Asset Strategies (OF 30067).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the EuroPacific Growth (American) separate account (SIA-KR).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Growth America (American) separate account (SIA-GW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Mid Cap Value (Perkins) separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the New World (American) separate account (SIA-PX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for float revenue received by MassMutual.
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to SAGIC (51587).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Premier Core Bond (Babson) separate account (SIA-E).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Premier Global (OFI) separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Premier Money Market (Babson) separate account (SIA-YG).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Sel Overseas (MFS/Harris/JPMorgan) separate account (SIA-SH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Select Fundamental Val (Wellington) separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Select Indexed Eqty (Northrn Trust) separate account (SIA-ZX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Select Mid Cap Gr II (TRP/Frontier) separate account (SIA-WF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to the Select Sm Cap Gr (W&R/Wellington) separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (10 basis points * plan assets) with respect to the Premier Global (OFI) separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (10 basis points * plan assets) with respect to the Select Sm Cap Gr (W&R/Wellington) separate account (SIA-SC).

Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (11 basis points * plan assets) with respect to the Select Indexed Eqty (Northrn Trust) separate account (SIA-ZX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (13 basis points * plan assets) with respect to the Select Mid Cap Gr II (TRP/Frontier) separate account (SIA-WF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (23 basis points * plan assets) with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (25 basis points * plan assets) with respect to the Premier Core Bond (Babson) separate account (SIA-E).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (25 basis points * plan assets) with respect to the RetireSMART 2050 separate account (SIA-H5).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (25 basis points * plan assets) with respect to the RetireSMART In Retirement separate account (SIA-J1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (25 basis points * plan assets) with respect to the Select Fundamental Val (Wellington) separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (26 basis points * plan assets) with respect to the Premier Money Market (Babson) separate account (SIA-YG).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (33 basis points * plan assets) with respect to the Sel Overseas (MFS/Harris/JPMorgan) separate account (SIA-SH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (41 basis points * plan assets) with respect to the RetireSMART 2020 separate account (SIA-K1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (42 basis points * plan assets) with respect to the RetireSMART 2030 separate account (SIA-K6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (43 basis points * plan assets) with respect to the RetireSMART 2040 separate account (SIA-M1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (46 basis points * plan assets) with respect to the RetireSMART 2010 separate account (SIA-J6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (11 basis points * plan assets) with respect to RetireSMART 2020 separate account (SIA-K1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (12 basis points * plan assets) with respect to RetireSMART 2030 separate account (SIA-K6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (13 basis points * plan assets) with respect to RetireSMART 2040 separate account (SIA-M1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (13 basis points * plan assets) with respect to the RetireSMART In Retirement separate account (SIA-J1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (15 basis points * plan assets) with respect to RetireSMART 2010 separate account (SIA-J6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (5 basis points * plan assets) with respect to RetireSMART 2050 separate account (SIA-H5).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the EuroPacific Growth (American) separate account (SIA-KR).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the Growth America (American) separate account (SIA-GW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the New World (American) separate account (SIA-PX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to Ivy Funds Asset Strategies (OF 30067).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Mid Cap Value (Perkins) separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Small Cap Value II (Columbia) separate account (SIA-PC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (38 basis points * plan assets) with respect to the Global Strategic Income (OFI) separate account (SIA-T8).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (38 basis points * plan assets) with respect to the International Bond (OFI) separate account (SIA-CW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Wrap Fees of (30 basis points * plan assets) with respect to SAGIC (51587).
Oppenheimer	841120195	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oppenheimer with respect to the Global Strategic Income (OFI) separate

Oppenheimer	841120195	account (SIA-T8). MassMutual provided the plan with the required written disclosure for Other Fees received by Oppenheimer with respect to the Global Strategic Income (OFI) separate account (SIA-T8).
Oppenheimer	841308320	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oppenheimer with respect to the International Bond (OFI) separate account (SIA-CW).
Oppenheimer	841308320	MassMutual provided the plan with the required written disclosure for Other Fees received by Oppenheimer with respect to the International Bond (OFI) separate account (SIA-CW).



Schedule C Soft Dollar Compensation Eligible Indirect Compensation Statement

Mutual fund investments of the plan (whether direct or indirect through a separate investment account) may have soft dollar arrangements pursuant to which the investment advisor or sub-advisor to the mutual fund (and/or its affiliates) may direct trades to certain brokers in exchange for research and other services, other than just trade execution. For plans investing directly or indirectly in the MassMutual Premier or Select Funds, MassMutual provided the required written disclosure regarding soft dollar compensation on the Schedule C Formula Description and/or EIC Statement Description Attachment. For all other mutual funds, MassMutual provided the required written disclosure in the Statement of Additional Information ("SAI").

For additional information on the soft dollar compensation, refer to the section of the mutual fund's SAI that discusses brokerage allocation and other practices.

A Name of Plan Mahle - UAW Retirement and Savings Plan for Hourly Employees at the Perfect Circle Division Franklin, Kentucky Cast Iron	B Three-digit plan Number 108	
C Plan sponsor's name as shown on line 2a of Form 5500 MAHLE Industries, Incorporated	D Employer Identification Number 582431334	

Schedule H, line 4i - Schedule of Assets (Held At End of Year)

(a)	(b) Identity of issue, borrower, lessor, or similar part	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current Value
*	MassMutual	Guaranteed Interest Account	815,878	857,056
*	MassMutual	Holding Account - SIA-YG	0	0
*	MassMutual	SIA-CW	0	0
*	MassMutual	SIA-E	33,617	42,632
*	MassMutual	SIA-GW	307,645	275,326
*	MassMutual	SIA-J1	0	0
*	MassMutual	SIA-K1	169,546	169,946
*	MassMutual	SIA-KR	0	0
*	MassMutual	SIA-M1	0	0
*	MassMutual	SIA-ND	0	0
*	MassMutual	SIA-PX	0	0
*	MassMutual	SIA-SC	0	0
*	MassMutual	SIA-SH	19,731	16,193
*	MassMutual	SIA-SK	145,739	136,869
*	MassMutual	SIA-SY	0	0
*	MassMutual	SIA-T8	0	0
*	MassMutual	SIA-TI	0	0
*	MassMutual	SIA-WF	0	0
*	MassMutual	SIA-ZX	0	0
*	MassMutual	Outside Fund	0	0
	Participant Loans	4.250000 - 9.250000	0	6,927