

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

Milestone Billing

<u>DESCRIPTION</u>	<u>SONum/Line</u>	<u>Cust PO</u>	<u>Billing Amt</u>	<u>InvNum/Line</u>	<u>Inv Amt</u>	<u>Due Date</u>	<u>InvDateC</u>
1st 1/3 Billing	7777 / 1	4500931765	\$32,034.60	104049 / 1	\$32,034.60	12/9/11	12/2/11
2nd 1/3 Billing	8461 / 1	4500937895	\$32,082.70	111957 / 1	\$32,082.70	3/16/12	3/30/12
Final 1/3 Billing	8461 / 1	4500937895	\$32,082.70	0 / 0		4/27/12	
Final MC Billing	8622 / 1	4500937895	\$2,600.00	0 / 0		4/27/12	
Mold C hange Billing	8622 / 1	4500937895	\$2,600.00	111958 / 1	\$2,600.00	3/16/12	3/30/12
Set up charge	10135 / 2	4500955005	\$950.00	117850 / 1	\$950.00	6/29/12	6/29/12
Total Billing Amount:			\$102,350.00	Total Amount Invoiced:			\$67,667.30

Labor Detail

<u>Date</u>	<u>Emp #</u>	<u>Name</u>	<u>Hrs</u>	<u>Tasks</u>	<u>Comments</u>
7/20/12	9808	Andrew Cureton	4.00	Design	
7/11/12	9808	Andrew Cureton	5.00	Email/Calls/Confer	
7/31/12	9808	Andrew Cureton	1.50	Email/Calls/Confer	
8/15/12	9808	Andrew Cureton	3.50	ISIR	
9/24/12	9808	Andrew Cureton	3.50	ISIR	
7/12/12	9808	Andrew Cureton	4.00	Meeting	
8/15/12	9808	Andrew Cureton	0.50	Meeting	
8/16/12	9808	Andrew Cureton	1.00	Meeting	
8/28/12	9808	Andrew Cureton	2.00	Meeting	
9/27/12	9808	Andrew Cureton	1.50	Meeting	Discussions c
9/28/12	9808	Andrew Cureton	1.50	Meeting	Preparation &
10/1/12	9808	Andrew Cureton	0.75	Meeting	Meeting on fl
10/2/12	9808	Andrew Cureton	0.75	Meeting	Discussing re
10/3/12	9808	Andrew Cureton	0.75	Meeting	Discussing e:
10/4/12	9808	Andrew Cureton	0.50	Meeting	Met with Dale
8/13/12	9808	Andrew Cureton	0.50	Miscellaneous	
8/27/12	9808	Andrew Cureton	4.00	Miscellaneous	
7/9/12	9808	Andrew Cureton	2.00	Sales/Support	
7/10/12	9808	Andrew Cureton	1.00	Sales/Support	
8/3/12	9808	Andrew Cureton	3.00	Sales/Support	
8/7/12	9808	Andrew Cureton	3.50	Sales/Support	
8/9/12	9808	Andrew Cureton	3.00	Sales/Support	
8/10/12	9808	Andrew Cureton	1.00	Sales/Support	

<u>EmplID</u>	<u>Name</u>	<u>Total Hours</u>
2027	Don Anderson	25.83
2034	Dale Lorge	145.50
2038	Volker Kientzle	4.25
2091	Frank W. Croteau	7.43
2095	Richard A. Kohman	1.25
2099	Thomas P. Kartak	78.01
2126	Michael A. Ruper	59.87
2130	Douglas M. Ruper	34.50
2135	Norman Kientzle	19.27
2136	Patrick J. Wyers	77.40
2156	Nyla J. Tonia	260.00
2222	Andrew Kanne	9.50
2240	Ed Flores	1.00
2245	Dan Mielke	4.25
2270	Monica M. Sobotka	4.50
2293	Susan B. Bro	3.92
2327	Clyde C. McRae	3.90
6526	Robert J. Gifford	66.00
9581	Blaine Haagenon	1.50
9582	Drew Peterson	45.92
9725	Lynn D. Ackerson	5.50
9778	Brian Ulrich	147.25
9808	Andrew Cureton	76.00
9855	Tim Koepke	53.75
9860	Zachary M. Freeman	33.46
9866	Paul Eldredge	0.50
9879	Brett S Henning	3.00

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

8/29/12	9808	Andrew Cureton	4.00	Sales/Support	
9/19/12	9808	Andrew Cureton	6.50	Sales/Support	
9/24/12	9808	Andrew Cureton	0.50	Sales/Support	Preparing SF
9/25/12	9808	Andrew Cureton	3.50	Sales/Support	SREA write u
9/26/12	9808	Andrew Cureton	1.00	Sales/Support	Chopping up
9/26/12	9808	Andrew Cureton	1.00	Sales/Support	Sharing pictu
9/26/12	9808	Andrew Cureton	0.50	Sales/Support	Cutting latest
9/27/12	9808	Andrew Cureton	1.25	Sales/Support	Cutting open
9/28/12	9808	Andrew Cureton	1.00	Sales/Support	Running exp
9/28/12	9808	Andrew Cureton	0.75	Sales/Support	chop and me
10/1/12	9808	Andrew Cureton	0.50	Sales/Support	Updating met
10/4/12	9808	Andrew Cureton	2.00	Sales/Support	
10/8/12	9808	Andrew Cureton	0.75	Sales/Support	cutting up the
10/8/12	9808	Andrew Cureton	0.50	Sales/Support	Cutting ope tl
10/9/12	9808	Andrew Cureton	0.50	Sales/Support	Prepared PD
10/17/12	9808	Andrew Cureton	2.00	Sales/Support	finalizing met
10/8/12	9808	Andrew Cureton	1.00	Work on the Shop	I inspecting pa
3/14/12	2222	Andrew Kanne	1.50	APQP	
5/1/12	2222	Andrew Kanne	1.00	Meeting	static dissipa
4/19/12	2222	Andrew Kanne	0.50	Part Qualification	Setting up SC
4/11/12	2222	Andrew Kanne	0.50	PPAP	
4/17/12	2222	Andrew Kanne	1.00	PPAP	Creating WI f
4/24/12	2222	Andrew Kanne	1.00	Sample Support	
4/25/12	2222	Andrew Kanne	2.00	Sample Support	
5/10/12	2222	Andrew Kanne	1.00	Sample Support	
5/11/12	2222	Andrew Kanne	1.00	Sample Support	
10/18/11	9581	Blaine Haagenson	1.50	Feasibility	SREA for pri
9/28/12	9879	Brett S Henning	3.00	Metrology	
11/18/11	9778	Brian Ulrich	2.00	Design	update shrink
12/9/11	9778	Brian Ulrich	2.50	Design	28-nov week
1/6/12	9778	Brian Ulrich	0.50	Design	new model: c
5/11/12	9778	Brian Ulrich	4.00	Design	week of 07-nr
6/8/12	9778	Brian Ulrich	0.50	Design	week of 04-ju
6/15/12	9778	Brian Ulrich	2.50	Design	week of 11-Ji
6/22/12	9778	Brian Ulrich	1.25	Design	week of 18-Ji
6/29/12	9778	Brian Ulrich	0.50	Design	Week of 25-J
7/6/12	9778	Brian Ulrich	4.50	Design	7458 Re-kick
7/6/12	9778	Brian Ulrich	2.50	Design	week of 02-Ji
7/19/12	9778	Brian Ulrich	11.75	Design	Week of 09-ju
7/20/12	9778	Brian Ulrich	3.00	Design	week of 16-Ji
7/27/12	9778	Brian Ulrich	1.00	Design	week of 23-Ji
8/31/12	9778	Brian Ulrich	53.75	Design	07-30 thru 08

Total Project Hours:	1,173.26
Total PO Costs:	\$44,692.85
Total Sample Costs:	\$10,855.01

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

9/14/12	9778	Brian Ulrich	37.50	Design	03-Sep thru 1
9/21/12	9778	Brian Ulrich	6.50	Design	week of 17-S
10/12/12	9778	Brian Ulrich	9.50	Design	Weeks 24-Se
5/4/12	9778	Brian Ulrich	2.50	Email/Calls/Confer	Week of 2012
12/15/11	9778	Brian Ulrich	0.50	Meeting	13-dec weekl
1/4/12	9778	Brian Ulrich	0.50	Meeting	weekly custo
9/28/12	2327	Clyde C. McRae	3.90	Qualification	
6/22/12	2034	Dale Lorge	0.50	CF Sampling/Quali	Assist with s
9/6/12	2034	Dale Lorge	2.00	Design	Discussion w
9/7/12	2034	Dale Lorge	1.50	Design	Discussion w
1/31/12	2034	Dale Lorge	0.50	Email/Calls/Confer	Conference c
2/20/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
3/13/12	2034	Dale Lorge	0.50	Email/Calls/Confer	Determine ne
4/17/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
5/11/12	2034	Dale Lorge	1.00	Email/Calls/Confer	
5/17/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
5/21/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
5/24/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
5/25/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
5/31/12	2034	Dale Lorge	0.50	Email/Calls/Confer	Maserati stat
6/1/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
6/13/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
6/18/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
6/21/12	2034	Dale Lorge	0.50	Email/Calls/Confer	Prep for ship
6/26/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
6/28/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/2/12	2034	Dale Lorge	1.00	Email/Calls/Confer	
7/3/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/9/12	2034	Dale Lorge	1.00	Email/Calls/Confer	
7/13/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/16/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/18/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/20/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/23/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/25/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
7/30/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
8/1/12	2034	Dale Lorge	1.50	Email/Calls/Confer	
8/2/12	2034	Dale Lorge	2.00	Email/Calls/Confer	
8/3/12	2034	Dale Lorge	1.00	Email/Calls/Confer	Discussion w
8/3/12	2034	Dale Lorge	0.50	Email/Calls/Confer	Customer cal
8/6/12	2034	Dale Lorge	0.50	Email/Calls/Confer	
8/7/12	2034	Dale Lorge	0.50	Email/Calls/Confer	

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

8/8/12	2034	Dale Lorge	0.50	Email/Calls/Confer
8/10/12	2034	Dale Lorge	0.50	Email/Calls/Confer
8/13/12	2034	Dale Lorge	0.50	Email/Calls/Confer
8/15/12	2034	Dale Lorge	1.50	Email/Calls/Confer Discussion w
8/16/12	2034	Dale Lorge	1.00	Email/Calls/Confer Review of DC
8/17/12	2034	Dale Lorge	1.00	Email/Calls/Confer Review of DC
8/20/12	2034	Dale Lorge	1.00	Email/Calls/Confer
8/21/12	2034	Dale Lorge	1.00	Email/Calls/Confer
8/23/12	2034	Dale Lorge	3.00	Email/Calls/Confer Multiple task
8/30/12	2034	Dale Lorge	2.00	Email/Calls/Confer
9/4/12	2034	Dale Lorge	1.00	Email/Calls/Confer Meeting w/Bc
9/5/12	2034	Dale Lorge	2.00	Email/Calls/Confer Daily updates
9/6/12	2034	Dale Lorge	0.50	Email/Calls/Confer
9/10/12	2034	Dale Lorge	1.50	Email/Calls/Confer
9/11/12	2034	Dale Lorge	1.00	Email/Calls/Confer
9/12/12	2034	Dale Lorge	0.50	Email/Calls/Confer
9/13/12	2034	Dale Lorge	2.00	Email/Calls/Confer Discussion w
9/14/12	2034	Dale Lorge	1.00	Email/Calls/Confer w/customer
9/18/12	2034	Dale Lorge	1.00	Email/Calls/Confer REview Mas
9/19/12	2034	Dale Lorge	1.00	Email/Calls/Confer customer call
9/21/12	2034	Dale Lorge	2.00	Email/Calls/Confer Internal and e
9/24/12	2034	Dale Lorge	3.50	Email/Calls/Confer Review of mc
9/26/12	2034	Dale Lorge	0.50	Email/Calls/Confer Discussion w
9/27/12	2034	Dale Lorge	4.50	Email/Calls/Confer Reviewing sa
9/28/12	2034	Dale Lorge	2.00	Email/Calls/Confer Additional rev
10/1/12	2034	Dale Lorge	5.00	Email/Calls/Confer Corrective ac
10/3/12	2034	Dale Lorge	3.00	Email/Calls/Confer Meetings anc
10/3/12	2034	Dale Lorge	1.00	Email/Calls/Confer Design review
10/4/12	2034	Dale Lorge	3.00	Email/Calls/Confer DOE and sar
10/9/12	2034	Dale Lorge	0.50	Email/Calls/Confer
10/10/12	2034	Dale Lorge	0.50	Email/Calls/Confer
10/11/12	2034	Dale Lorge	1.00	Email/Calls/Confer Timeline dev
10/15/12	2034	Dale Lorge	2.50	Email/Calls/Confer ECN review
10/17/12	2034	Dale Lorge	2.00	Email/Calls/Confer
9/26/12	2034	Dale Lorge	2.00	ISIR Review of ISI
10/1/12	2034	Dale Lorge	0.25	ISIR ISIR review
7/3/12	2034	Dale Lorge	1.00	Meeting Meeting befo
7/11/12	2034	Dale Lorge	1.00	Meeting Bosch visit
8/3/12	2034	Dale Lorge	1.00	Meeting develop DOE
8/10/12	2034	Dale Lorge	1.00	Meeting Determine be
8/21/12	2034	Dale Lorge	1.00	Meeting Internal mee
8/30/12	2034	Dale Lorge	0.50	Meeting Update Minor

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

8/31/12	2034	Dale Lorge	2.00	Meeting	Meet w/Steve
8/31/12	2034	Dale Lorge	1.00	Meeting	Dsicussion w
9/4/12	2034	Dale Lorge	1.00	Meeting	With Brian ar
9/6/12	2034	Dale Lorge	0.50	Meeting	Maserati proj
9/7/12	2034	Dale Lorge	0.50	Meeting	
9/25/12	2034	Dale Lorge	1.00	Meeting	Discuss with
9/28/12	2034	Dale Lorge	0.50	Meeting	Internal meet
5/4/12	2034	Dale Lorge	1.00	Miscellaneous	Update timeli
6/25/12	2034	Dale Lorge	0.50	Miscellaneous	Pack parts fo
7/26/12	2034	Dale Lorge	0.50	Miscellaneous	
7/31/12	2034	Dale Lorge	1.00	Miscellaneous	Prepare data
8/8/12	2034	Dale Lorge	1.00	Miscellaneous	DOE design
8/9/12	2034	Dale Lorge	1.00	Miscellaneous	DOE support
8/11/12	2034	Dale Lorge	1.00	Miscellaneous	Analysis for t
8/14/12	2034	Dale Lorge	1.50	Miscellaneous	DOE review a
8/16/12	2034	Dale Lorge	1.00	Miscellaneous	DOE review,
9/12/12	2034	Dale Lorge	1.00	Miscellaneous	Follow-up on
9/13/12	2034	Dale Lorge	3.00	Miscellaneous	Follow-up wit
9/14/12	2034	Dale Lorge	2.50	Miscellaneous	Packaging de
9/15/12	2034	Dale Lorge	1.75	Miscellaneous	Help ship par
9/17/12	2034	Dale Lorge	1.00	Miscellaneous	Ensure ISIR i
9/19/12	2034	Dale Lorge	5.00	Miscellaneous	Communicati
9/21/12	2034	Dale Lorge	3.50	Miscellaneous	Review with f
9/25/12	2034	Dale Lorge	2.00	Miscellaneous	Follow-up on
9/26/12	2034	Dale Lorge	1.50	Miscellaneous	Coordinating
10/2/12	2034	Dale Lorge	4.00	Miscellaneous	Many items, i
10/5/12	2034	Dale Lorge	7.00	Miscellaneous	Coordinate s:
10/12/12	2034	Dale Lorge	2.00	Miscellaneous	Timeline dev
10/16/12	2034	Dale Lorge	2.00	Miscellaneous	ECN/timeline
5/3/12	2034	Dale Lorge	0.50	Sales/Support	
9/22/12	2034	Dale Lorge	7.00	Work on the Shop	I Ran press fo
10/3/12	2245	Dan Mielke	1.25	Meeting	
10/1/12	2245	Dan Mielke	3.00	Work on the Shop	I flash remova
9/12/12	2027	Don Anderson	1.58	Documentation	update setup
5/11/12	2027	Don Anderson	1.00	Meeting	discussions a
8/7/12	2027	Don Anderson	1.00	Meeting	meet to discu
8/8/12	2027	Don Anderson	0.75	Meeting	discuss DOE
10/3/12	2027	Don Anderson	1.00	Meeting	design DOE
1/25/12	2027	Don Anderson	1.50	Miscellaneous	looking for a
6/25/12	2027	Don Anderson	0.25	Miscellaneous	working with
4/23/12	2027	Don Anderson	3.00	New Tool Sampling	
4/25/12	2027	Don Anderson	3.00	New Tool Sampling	

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

8/9/12	2027	Don Anderson	4.00	New Tool Sampling ran the DOE
8/24/12	2027	Don Anderson	4.00	New Tool Sampling run parts for c
9/22/12	2027	Don Anderson	3.00	New Tool Sampling run parts for c
6/25/12	2027	Don Anderson	0.25	Research/Purchase follow up on I
9/22/12	2027	Don Anderson	1.50	Setup Tool setup
9/21/12	2130	Douglas M. Ruper	5.00	Tool Build
9/24/12	2130	Douglas M. Ruper	8.00	Tool Build
9/25/12	2130	Douglas M. Ruper	7.00	Tool Build
9/26/12	2130	Douglas M. Ruper	7.50	Tool Build
10/4/12	2130	Douglas M. Ruper	7.00	Tool Build
10/11/11	9582	Drew Peterson	0.75	Design Reviewed iss
11/8/11	9582	Drew Peterson	0.50	Design Weekly Mase
11/28/11	9582	Drew Peterson	0.67	Design Checking par
10/13/11	9582	Drew Peterson	0.75	Design Review Me Reviewed de
9/2/11	9582	Drew Peterson	0.83	Email/Calls/Confer Discussed th
11/1/11	9582	Drew Peterson	0.50	Email/Calls/Confer Generated ar
11/1/11	9582	Drew Peterson	0.58	Email/Calls/Confer Generated ar
11/9/11	9582	Drew Peterson	0.83	Email/Calls/Confer Talked with L
11/15/11	9582	Drew Peterson	0.25	Email/Calls/Confer Maserati Too
9/15/11	9582	Drew Peterson	0.75	Epicor Had to gathe
10/27/11	9582	Drew Peterson	0.50	Feasibility Looking over
10/28/11	9582	Drew Peterson	0.17	Feasibility Review of pri
10/4/11	9582	Drew Peterson	1.00	Kick off Kickoff meeti
9/7/11	9582	Drew Peterson	2.00	Meeting Dave Toutan
9/15/11	9582	Drew Peterson	0.25	Meeting Discussed M
9/23/11	9582	Drew Peterson	0.50	Meeting Maserati Tim
9/23/11	9582	Drew Peterson	0.50	Meeting Meet on pres
9/23/11	9582	Drew Peterson	0.83	Meeting Talked with v
10/11/11	9582	Drew Peterson	1.00	Meeting Worked on u
10/11/11	9582	Drew Peterson	1.00	Meeting Print Review.
10/13/11	9582	Drew Peterson	0.50	Meeting Maserati tool
10/17/11	9582	Drew Peterson	0.58	Meeting SREA discus
10/20/11	9582	Drew Peterson	0.50	Meeting Maserati tool
10/20/11	9582	Drew Peterson	0.50	Meeting Maserati Tec
10/20/11	9582	Drew Peterson	0.50	Meeting Maserati Tim
10/21/11	9582	Drew Peterson	1.25	Meeting Discussion w
10/25/11	9582	Drew Peterson	0.50	Meeting Maserati Too
11/1/11	9582	Drew Peterson	0.50	Meeting Review of Ma
9/9/11	9582	Drew Peterson	0.50	Miscellaneous Worked on T
9/9/11	9582	Drew Peterson	0.75	Miscellaneous More timeline
9/9/11	9582	Drew Peterson	1.50	Miscellaneous More work or
9/20/11	9582	Drew Peterson	0.75	Miscellaneous Updated all M

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

10/10/11	9582	Drew Peterson	1.25	Miscellaneous	Timelines. Tr
10/10/11	9582	Drew Peterson	0.25	Miscellaneous	Timeline revie
10/10/11	9582	Drew Peterson	0.42	Miscellaneous	Timing. Mase
10/20/11	9582	Drew Peterson	0.25	Miscellaneous	Update Mase
11/1/11	9582	Drew Peterson	0.75	Miscellaneous	Updated Mas
9/9/11	9582	Drew Peterson	0.50	Organization/Filing	Put together i
9/23/11	9582	Drew Peterson	1.17	Organization/Filing	Updated time
9/23/11	9582	Drew Peterson	0.50	Organization/Filing	NDR Prints (
9/23/11	9582	Drew Peterson	1.67	Organization/Filing	Reworked all
10/4/11	9582	Drew Peterson	0.25	Organization/Filing	Prints and 74
10/11/11	9582	Drew Peterson	0.50	Organization/Filing	Maserati Pro
10/11/11	9582	Drew Peterson	0.67	Organization/Filing	Maserati time
10/14/11	9582	Drew Peterson	0.50	Organization/Filing	Maserati time
10/18/11	9582	Drew Peterson	0.50	Organization/Filing	Coordinated
10/24/11	9582	Drew Peterson	0.50	Organization/Filing	Calculated R
10/24/11	9582	Drew Peterson	0.42	Organization/Filing	Filled out res
10/25/11	9582	Drew Peterson	0.50	Organization/Filing	Updated Mas
10/25/11	9582	Drew Peterson	0.17	Organization/Filing	Resin Shipme
10/25/11	9582	Drew Peterson	0.67	Organization/Filing	Maserati Tim
11/8/11	9582	Drew Peterson	0.33	Organization/Filing	Updated Mas
11/8/11	9582	Drew Peterson	1.00	Organization/Filing	Maserati Tim
11/15/11	9582	Drew Peterson	0.50	Organization/Filing	Updated Mas
11/15/11	9582	Drew Peterson	0.75	Organization/Filing	Maserati Tim
12/5/11	9582	Drew Peterson	0.67	Organization/Filing	Reviewing/Ar
9/8/11	9582	Drew Peterson	0.75	Sales/Support	Worked on S
9/15/11	9582	Drew Peterson	0.25	Sales/Support	Updated Mas
9/20/11	9582	Drew Peterson	0.75	Sales/Support	Discussed all
9/26/11	9582	Drew Peterson	0.50	Sales/Support	Talked with F
10/20/11	9582	Drew Peterson	0.33	Sales/Support	Worked on u
11/15/11	9582	Drew Peterson	0.17	Sales/Support	Waited for D
11/22/11	9582	Drew Peterson	0.67	Sales/Support	Updated the
11/22/11	9582	Drew Peterson	0.75	Sales/Support	Updated Mas
11/29/11	9582	Drew Peterson	0.33	Sales/Support	Update and c
12/1/11	9582	Drew Peterson	0.50	Sales/Support	Maserati disc
12/4/11	9582	Drew Peterson	0.50	Sales/Support	Updated all M
12/9/11	9582	Drew Peterson	0.33	Sales/Support	Talked with F
12/12/11	9582	Drew Peterson	0.50	Sales/Support	Discussed th
11/29/11	9582	Drew Peterson	0.67	Tooling	Maserati tool
12/6/11	9582	Drew Peterson	0.50	Tooling	Maserati tool
9/21/11	9582	Drew Peterson	0.75	Training	Brian Ulrich v
10/12/11	9582	Drew Peterson	0.50	Training	Learned mor
10/4/11	2240	Ed Flores	1.00	Meeting	kick off

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
Customer PN: 6002KP0802/6002KP0803
Part Desc: 1 Cavity S/C Mold
Project Description: 1Cav Hot Sprue Mold for Hopkin
Status: Active
Start Date: 8/24/11

9/27/12	2091	Frank W. Croteau	7.43	Qualification
8/27/12	9725	Lynn D. Ackerson	3.50	Metrology
10/2/12	9725	Lynn D. Ackerson	2.00	Metrology
9/4/12	2126	Michael A. Ruper	2.62	Qualification
9/5/12	2126	Michael A. Ruper	0.41	Qualification
9/5/12	2126	Michael A. Ruper	5.95	Qualification
9/6/12	2126	Michael A. Ruper	9.97	Qualification
9/10/12	2126	Michael A. Ruper	5.73	Qualification
9/11/12	2126	Michael A. Ruper	10.25	Qualification
9/12/12	2126	Michael A. Ruper	9.97	Qualification
9/13/12	2126	Michael A. Ruper	9.97	Qualification
9/26/12	2126	Michael A. Ruper	4.99	Tool Build
9/27/12	2126	Michael A. Ruper	0.01	Tool Build
3/28/12	2270	Monica M. Sobotka	4.50	Metrology
9/11/12	2135	Norman Kientzle	7.77	Qualification
9/12/12	2135	Norman Kientzle	2.50	Qualification
5/3/12	2135	Norman Kientzle	5.58	Tool Build
9/27/12	2135	Norman Kientzle	3.42	Tool Build
6/7/12	2156	Nyla J. Tonia	1.50	Metrology
6/8/12	2156	Nyla J. Tonia	7.50	Metrology
6/11/12	2156	Nyla J. Tonia	9.25	Metrology
6/12/12	2156	Nyla J. Tonia	10.00	Metrology
6/13/12	2156	Nyla J. Tonia	8.50	Metrology
6/14/12	2156	Nyla J. Tonia	7.75	Metrology
6/15/12	2156	Nyla J. Tonia	7.25	Metrology
6/19/12	2156	Nyla J. Tonia	8.75	Metrology
6/20/12	2156	Nyla J. Tonia	8.25	Metrology
6/21/12	2156	Nyla J. Tonia	8.25	Metrology
6/22/12	2156	Nyla J. Tonia	8.25	Metrology
6/25/12	2156	Nyla J. Tonia	2.75	Metrology
6/26/12	2156	Nyla J. Tonia	10.25	Metrology
6/27/12	2156	Nyla J. Tonia	3.00	Metrology
6/29/12	2156	Nyla J. Tonia	8.00	Metrology
7/9/12	2156	Nyla J. Tonia	8.50	Metrology
7/10/12	2156	Nyla J. Tonia	3.00	Metrology
7/11/12	2156	Nyla J. Tonia	4.00	Metrology
7/12/12	2156	Nyla J. Tonia	4.75	Metrology
7/24/12	2156	Nyla J. Tonia	1.00	Metrology
7/25/12	2156	Nyla J. Tonia	8.00	Metrology
7/26/12	2156	Nyla J. Tonia	9.50	Metrology
7/30/12	2156	Nyla J. Tonia	1.25	Metrology
7/31/12	2156	Nyla J. Tonia	9.50	Metrology

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

8/1/12	2156	Nyla J. Tonia	4.75	Metrology
8/6/12	2156	Nyla J. Tonia	0.50	Metrology
8/9/12	2156	Nyla J. Tonia	4.00	Metrology
8/10/12	2156	Nyla J. Tonia	3.75	Metrology
8/14/12	2156	Nyla J. Tonia	3.25	Metrology
8/15/12	2156	Nyla J. Tonia	2.75	Metrology
8/16/12	2156	Nyla J. Tonia	4.50	Metrology
8/17/12	2156	Nyla J. Tonia	3.25	Metrology
8/20/12	2156	Nyla J. Tonia	3.50	Metrology
9/4/12	2156	Nyla J. Tonia	19.00	Metrology
9/5/12	2156	Nyla J. Tonia	9.00	Metrology
9/6/12	2156	Nyla J. Tonia	3.75	Metrology
9/17/12	2156	Nyla J. Tonia	8.75	Metrology
9/18/12	2156	Nyla J. Tonia	9.75	Metrology
9/20/12	2156	Nyla J. Tonia	8.50	Metrology
9/21/12	2156	Nyla J. Tonia	7.25	Metrology
9/26/12	2156	Nyla J. Tonia	3.00	Metrology
9/28/12	2156	Nyla J. Tonia	1.00	Metrology
10/5/12	2156	Nyla J. Tonia	1.00	Metrology
8/28/12	2136	Patrick J. Wyers	3.37	Qualification
8/30/12	2136	Patrick J. Wyers	8.12	Qualification
9/4/12	2136	Patrick J. Wyers	8.08	Qualification
9/5/12	2136	Patrick J. Wyers	8.17	Qualification
9/7/12	2136	Patrick J. Wyers	7.98	Qualification
9/9/12	2136	Patrick J. Wyers	1.73	Qualification
9/10/12	2136	Patrick J. Wyers	1.80	Qualification
9/11/12	2136	Patrick J. Wyers	8.05	Qualification
9/12/12	2136	Patrick J. Wyers	8.10	Qualification
9/13/12	2136	Patrick J. Wyers	8.55	Qualification
9/14/12	2136	Patrick J. Wyers	8.52	Qualification
9/17/12	2136	Patrick J. Wyers	1.65	Qualification
9/21/12	2136	Patrick J. Wyers	1.38	Qualification
10/4/12	2136	Patrick J. Wyers	1.90	Qualification
5/11/12	9866	Paul Eldredge	0.50	Miscellaneous
4/19/12	2095	Richard A. Kohman	0.38	Qualification
4/19/12	2095	Richard A. Kohman	0.87	Qualification
7/27/12	6526	Robert J. Gifford	8.00	Metrology
8/10/12	6526	Robert J. Gifford	6.00	Metrology
8/15/12	6526	Robert J. Gifford	6.00	Metrology
8/25/12	6526	Robert J. Gifford	2.00	Metrology
8/26/12	6526	Robert J. Gifford	10.00	Metrology
8/27/12	6526	Robert J. Gifford	6.00	Metrology

at preliminary s

Project Summary

7454

Customer: ROBERT BOSCH S DE RL DE CV
 Customer PN: 6002KP0802/6002KP0803
 Part Desc: 1 Cavity S/C Mold
 Project Description: 1Cav Hot Sprue Mold for Hopkin
 Status: Active
 Start Date: 8/24/11

8/29/12	6526	Robert J. Gifford	4.00	Metrology	
8/30/12	6526	Robert J. Gifford	6.00	Metrology	
9/18/12	6526	Robert J. Gifford	8.00	Metrology	
9/19/12	6526	Robert J. Gifford	4.00	Metrology	
9/20/12	6526	Robert J. Gifford	6.00	Metrology	
9/27/12	2293	Susan B. Bro	3.92	Tool Build	
8/30/12	2099	Thomas P. Kartak	5.37	Qualification	
8/31/12	2099	Thomas P. Kartak	8.00	Qualification	
9/4/12	2099	Thomas P. Kartak	8.00	Qualification	
9/5/12	2099	Thomas P. Kartak	8.00	Qualification	
9/6/12	2099	Thomas P. Kartak	8.00	Qualification	
9/7/12	2099	Thomas P. Kartak	0.33	Qualification	
9/10/12	2099	Thomas P. Kartak	2.32	Qualification	
9/11/12	2099	Thomas P. Kartak	7.92	Qualification	
9/12/12	2099	Thomas P. Kartak	8.00	Qualification	
9/13/12	2099	Thomas P. Kartak	7.87	Qualification	
9/14/12	2099	Thomas P. Kartak	10.20	Qualification	
10/11/12	2099	Thomas P. Kartak	4.00	Tool Build	
6/22/12	9855	Tim Koepke	6.75	CF Sampling/Quali	
7/18/12	9855	Tim Koepke	2.00	CF Sampling/Quali	
7/19/12	9855	Tim Koepke	3.25	CF Sampling/Quali	
8/9/12	9855	Tim Koepke	2.50	CF Sampling/Quali	
9/14/12	9855	Tim Koepke	3.00	CF Sampling/Quali	
9/17/12	9855	Tim Koepke	3.00	CF Sampling/Quali	
9/18/12	9855	Tim Koepke	2.75	CF Sampling/Quali	
9/19/12	9855	Tim Koepke	2.75	CF Sampling/Quali	
9/21/12	9855	Tim Koepke	2.75	CF Sampling/Quali	
9/24/12	9855	Tim Koepke	3.50	CF Sampling/Quali	
9/25/12	9855	Tim Koepke	5.50	CF Sampling/Quali	
9/26/12	9855	Tim Koepke	3.75	CF Sampling/Quali	
9/27/12	9855	Tim Koepke	3.75	CF Sampling/Quali	
9/28/12	9855	Tim Koepke	4.50	CF Sampling/Quali	
10/5/12	9855	Tim Koepke	4.00	CF Sampling/Quali	
8/24/12	2038	Volker Kientzle	2.00	Design	put together 1
7/17/12	2038	Volker Kientzle	0.50	Email/Calls/Confer	conference c
1/10/12	2038	Volker Kientzle	0.50	Meeting	Maserati upd
10/3/12	2038	Volker Kientzle	1.25	Meeting	meeting to re
9/7/12	9860	Zachary M. Freeman	7.90	Tool Build	
9/8/12	9860	Zachary M. Freeman	3.90	Tool Build	
9/11/12	9860	Zachary M. Freeman	2.73	Tool Build	
9/12/12	9860	Zachary M. Freeman	7.68	Tool Build	
9/13/12	9860	Zachary M. Freeman	7.75	Tool Build	

Project Summary

7454

Customer:	ROBERT BOSCH S DE RL DE CV
Customer PN:	6002KP0802/6002KP0803
Part Desc:	1 Cavity S/C Mold
Project Description:	1Cav Hot Sprue Mold for Hopkin
Status:	Active
Start Date:	8/24/11

9/14/12	9860	Zachary M. Freeman	3.50	Tool Build
---------	------	--------------------	------	------------

Sample Jobs

<u>JobNum</u>	<u>Complete?</u>	<u>Complete Date</u>	<u>Closed?</u>	<u>Closed Date</u>	<u>Plant</u>	<u>Qty Completed</u>	<u>Total Job Cost</u>
026080	Yes	8/23/12	Yes	8/23/12	HOP	0.00	\$10,854.02
026940	Yes	9/10/12	Yes	9/10/12	HOP	0.00	\$0.99
Total Project Sample Job Costs:							\$10,855.01

PO Detail

[illegible]