

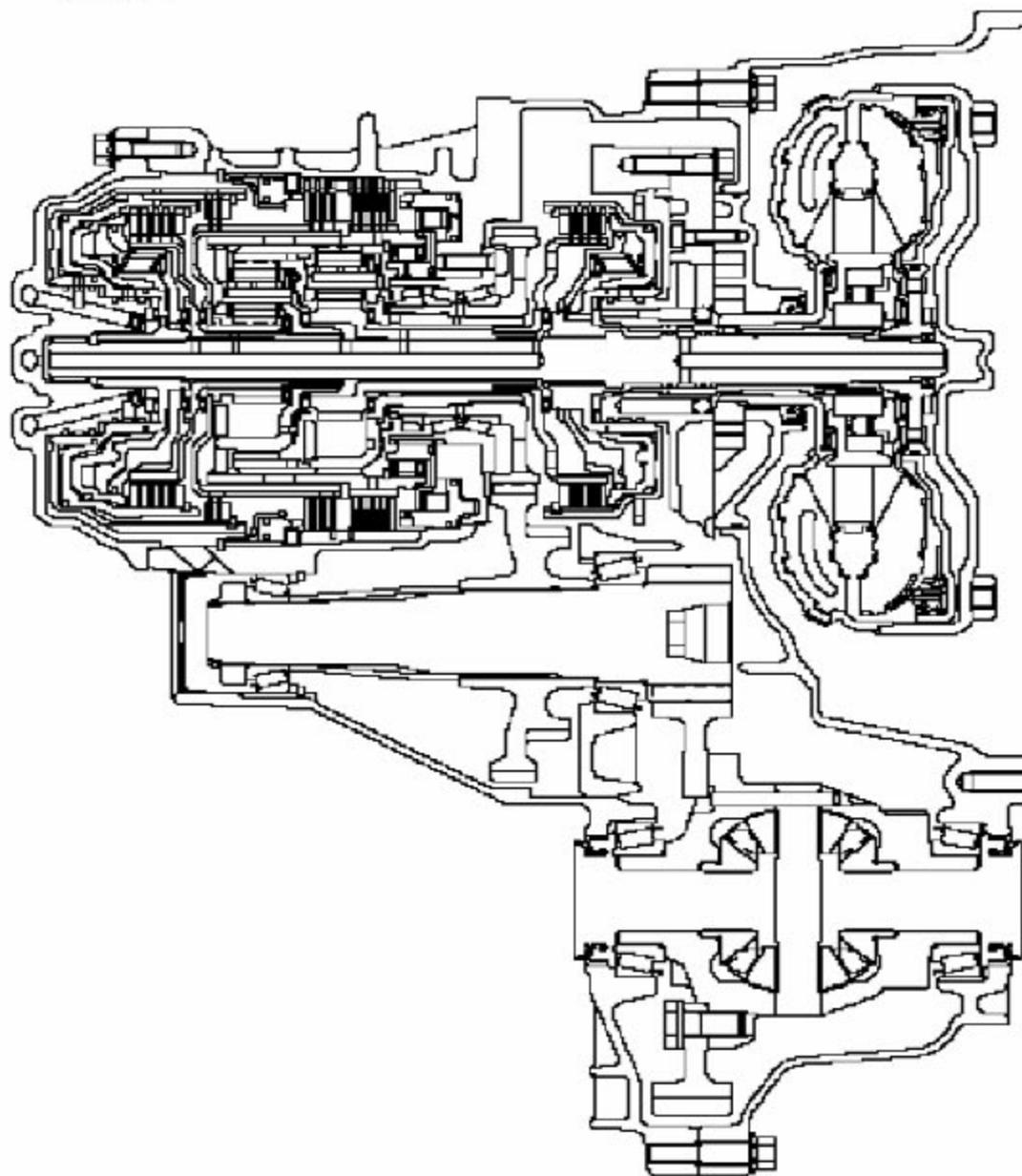
1.概述

1.1 结构

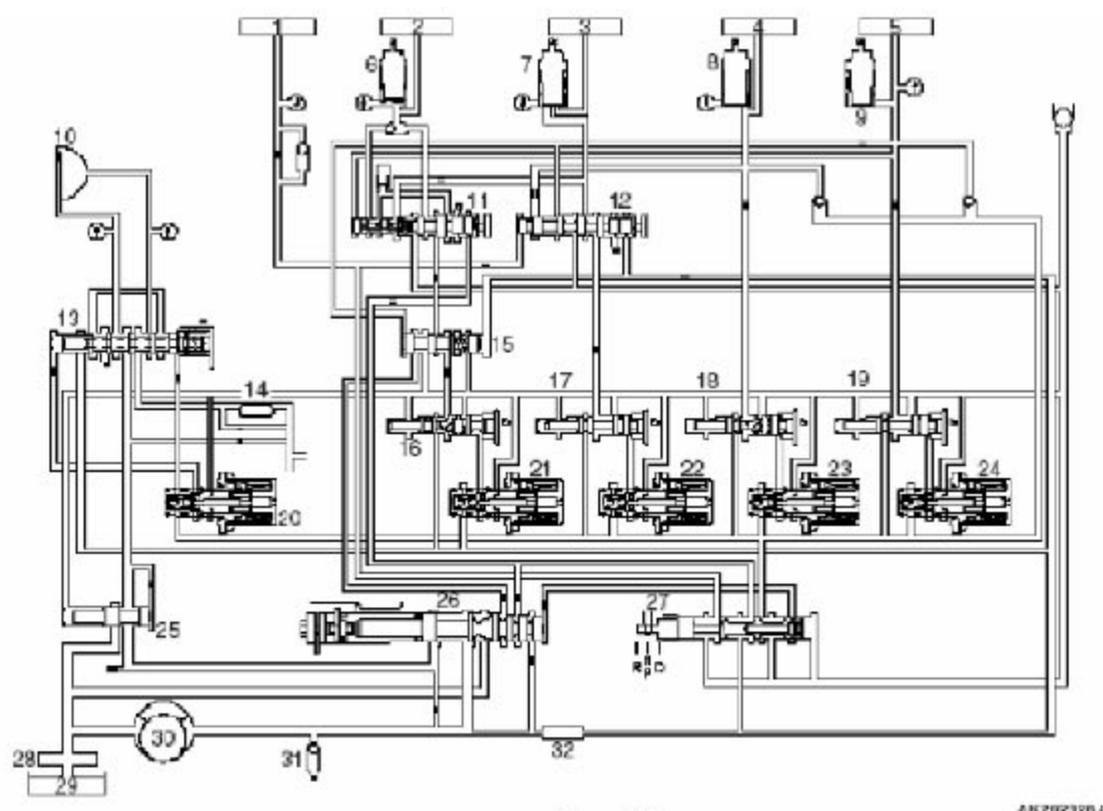
驱动桥由变矩器和传动机构组成。变矩器采用一个三元件，单级，双相位带锁止的离合器。传动机构由 4 组多片式离合器，2 组多片式制动器，1 组单向离合器和 2 组行星齿轮组成。行星齿轮又由中心齿轮，支架，小齿轮和环形齿轮组成。机体由变矩器支架，驱动桥体，后盖和阀体盖组成。

零件：调节油压的油泵，可用于增加油压；校准仪，用于控制压力装置；电磁阀，通过电信号改变油压；压力控制阀用于控制来自电磁阀的油压，而电磁阀影响了每个离合器和制动器；阀，用于保证油压的线性变化；还有阀体，用于覆盖所有阀。

1.2 装配图



1.3 液压回路

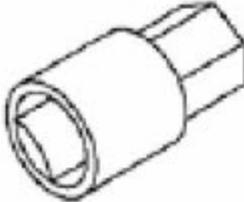


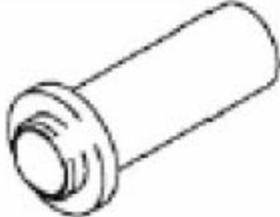
1. REVERSE CLUTCH 倒档离合器
2. LOW-REVERSE BRAKE 低速倒档制动器
3. SECOND BRAKE 第二制动器
4. UNDERDRIVE CLUTCH 低速档离合器
5. OVERDRIVE CLUTCH 超速档离合器
6. LOW-REVERSE ACCUMULATOR 低速倒档蓄能器
7. SECOND ACCUMULATOR 第二蓄能器
8. UNDERDRIVE ACCUMULATOR 低速档蓄能器
9. OVERDRIVE ACCUMULATOR 超速档蓄能器
10. TORQUE CONVERTER CLUTCH 变矩器离合器
11. FAIL-SAFE VALVE A 自动防故障阀 A
12. FAIL-SAFE VALVE B 自动防故障阀 B
13. TORQUE CONVERTER CLUTCHCONTROL VALVE 变矩器离合控制阀
14. COOLER 冷却器
15. SWITCHING VALVE 开关阀
16. LOW-REVERSE PRESSURE CONTROLVALVE 低速倒档压力控制阀
17. SECOND PRESSURE CONTROL VALVE 第二压力控制阀
18. UNDERDRIVE PRESSURE CONTROLVALVE 低速档压力控制阀
19. OVERDRIVE PRESSURE CONTROLVALVE 超速档压力控制阀
20. TORQUE CONVERTER CLUTCHCONTROL SOLENOID VALVE 变矩器离合控制电磁阀
21. LOW-REVERSE SOLENOID VALVE 低速倒档电磁阀
22. SECOND SOLENOID VALVE 第二电磁阀

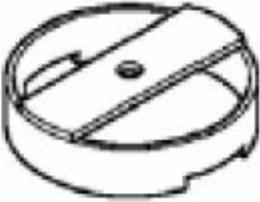
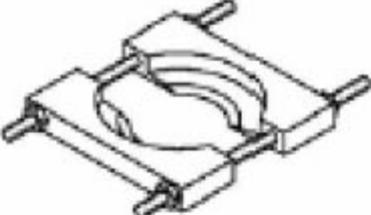
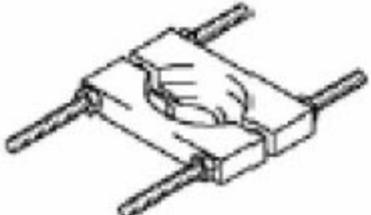
23. UNDERDRIVE SOLENOID VALVE 低速电磁阀
 24. OVERDRIVE SOLENOID VALVE 超速电磁阀
 25. TORQUE CONVERTER PRESSURECONTROL VALVE 变矩器压力控制阀
 26. REGULATOR VALVE 调节阀
 27. MANUAL VALVE 手动阀
 28. OIL FILTER 滤清器
 29. OIL PAN 油底壳
 30. OIL PUMP 油泵
 31. RELIEF VALVE 减压阀
 32. OIL STRAINER 滤油网

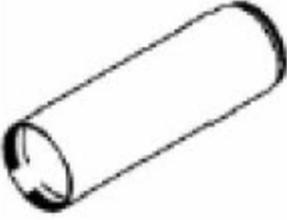
1.4 专用工具

工具	工具编号和名称	取代号	应用
	MD998333 油泵起	MD998333-01	拆卸油泵
	MD998903 弹簧压缩器	MD998903-01	Removal and installation of one-way clutch inner race snap ring 拆卸和安装单向离合器内部卡环
	MD99824 Spring compressor retainer 弹簧压缩固定器	MD998924-01	Use with spring compressor 与弹簧压缩器配合使用
	MB991625 Socket(41)牙槽座	MB991625-01 或普通维修工具	Removal and installation of output shaft jam nut 拆卸和安装输出轴螺母

	<p>MB990607 Torque wrench socket 扭力扳 手牙槽座</p>	<p>MB990607-01</p>	<p>Removal and installation of output shaft jam nut 拆卸和安装 输出轴螺母</p>
	<p>MD998412 Guide 导杆</p>	<p>MD998412</p>	<p>Installation of oil pump and transfer drive gear 安装油泵和 拆卸主动齿 轮</p>
	<p>MB991631 间隙隔板</p>	<p>MB991631-01</p>	<p>Measurement of reaction plate low-reverse brake and second brake end play 测量反应盘 低速倒档制 动和二次制 动的轴向间 隙</p>
	<p>MD998913 Dial gauge extension 刻度 尺</p>	<p>MD998913-01</p>	<p>Measurement of low-reverse brake end play 测量低速 倒档制动的 轴向间隙</p>
	<p>MB990938 Handle 手柄</p>	<p>MB990938-01</p>	<p>Installation of input shaft rear bearing 安装输入轴 后轴承 Use with installer adapter 与安 装适配器配 合使用</p>

	<p>MB990930 Installer adapter 安装适配器</p>	<p>MB990930-01 或普通维修工 具</p>	<p>Installation of output shaft taper roller bearing outer race 安装输出轴 圆锥滚子轴 承的外圈</p>
	<p>MD998350 Bearing installer 轴承安装器</p>	<p>MD998350-01</p>	<p>Installation of output shaft taper roller bearing 安装 输出轴圆锥 滚子轴承</p>
	<p>MB99D931 Installer adapter 安装适配器</p>	<p>MB99D931-01 或普通维修工 具</p>	<p>Installation of cap 安装螺帽</p>
	<p>MB990935 安装适配器</p>	<p>MB990935-01 或普通维修工 具</p>	<p>Installation of output shaft taper roller bearing outer race 安装输出轴 圆锥滚子轴 承的外圈</p>
	<p>MD998334 Oil seal installer 油封安装器</p>	<p>MD998334-01</p>	<p>Installation of oil pump oil seal 安装油泵油 封</p>
	<p>MD998907 Spring compressor 弹簧压缩器</p>	<p>MD998907-01</p>	<p>Removal and installation of underdrive clutch snap ring 拆卸和安装 低速离合卡 环</p>

	<p>MB991628 Spring compressor 弹簧压缩器</p>	<p>MB991628-01</p>	<p>Measurement of under drive clutch and overdrive clutch end play 测量低 速离合和超 速离合的轴 向间隙</p>
	<p>MD999590 Spring compressor 弹簧压缩器</p>	<p>MIT305039</p>	<p>Removal and installation of overdrive clutch snap ring 拆卸和安装 超速离合卡 环</p>
	<p>MB991790 Spring compressor 弹簧压缩器</p>	<p>MB991790-01</p>	<p>Measurement of reverse clutch end play 测量倒档离 合轴向间隙</p>
	<p>MD998917 Bearing remover 轴承拆除器</p>	<p>MD998348-01 普通维修工具 或</p>	<p>Removal of transfer driven gear 拆除移动主 动齿轮</p>
	<p>MD998801 Bearing remover 轴承拆除器</p>	<p>MD998348-01</p>	<p>Removal of each bearing 拆除每个轴 承</p>
	<p>MD998812 Installer cap 安装帽</p>	<p>普通维修工具</p>	<p>Use with installer and installer adapter 与安装适配 器配合使用</p>

	<p>MD998814 Installer 200 安装 200</p>	<p>MIT304180-A</p>	<p>Use with installer cap and installer adapter 与安装帽和安装适配器配合使用</p>
	<p>MB990936 Installer adapter 安装适配器</p>	<p>MB990936-01 或普通维修工具</p>	<p>Installation of output shaft taper roller bearing outer race 安装输出轴圆锥滚子轴承外圈</p>
	<p>MB998813 Installer100 安装 100</p>	<p>普通维修工具</p>	<p>Use with installer cap and installer adapter 与安装帽和安装适配器配合使用</p>
	<p>MD998823 Installer adapter(48) 安装适配器 (48)</p>	<p>普通维修工具</p>	<p>Installation of output shaft taper roller bearing driven gear differential taper roller bearing 安装输出轴圆锥滚子轴承移动主动齿轮，差速圆锥滚子轴承</p>
	<p>MD998800 Oil seal installer</p>	<p>普通维修工具</p>	<p>Installation of driveshaft oil seal 安装驱动轴油封</p>